

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

C Number:	C06984
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Male

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_001

TRT#: 1
DOSE: 003.6 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Congestion, Nos Fibrosis Hemorrhage
	Bronchus	Inflammation, Nos Inflammation, Nos
Trachea	Bronchus	Lymphocytic Inflammatory Infiltrate Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_002

TRT#: 1
DOSE: 003.6 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Edema, Interstitial Hyperplasia, Nos
	Bronchus	Inflammation, Nos Inflammation, Nos Metaplasia, Squamous Hyperplasia, Nos
Trachea		

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_003

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 003.6 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Inflammation, Nos

Trachea

Lymphoma, Nos-Malignant

Lymphocytic Inflammatory Infiltrate

Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_004

TRT#: 1
DOSE: 003.6 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Hyperplasia, Nos
	Bronchus	Inflammation, Nos Inflammation, Nos Lymphoma, Nos-Malignant Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_005

TRT#: 1
DOSE: 003.6 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Hyperplasia, Nos
	Bronchus	Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_006

TRT#: 1
DOSE: 003.6 MG/M3

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Lymphocytic Inflammatory Infiltrate
		Lymphoma, Nos-Malignant
Trachea		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_007

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 003.6 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis
	Alveolar Epithelium	Cell-Shape Alteration
	Bronchus	Hyperplasia, Nos
	Bronchus	Inflammation, Nos
		Inflammation, With Fibrosis
		Lymphocytic Inflammatory Infiltrate
Trachea	Bronchus	Metaplasia, Squamous
		Inflammation, Nos
		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_008

TRT#: 1
DOSE: 003.6 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Edema, Nos Emphysema, Nos Foam-Cell Inflammation, Nos Lymphocytic Inflammatory Infiltrate Metaplasia, Squamous
	Alveoli	
	Bronchus	

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_009

TRT#: 1
DOSE: 003.6 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver	Hepatic Sinusoid Hepatocytes	Congestion, Nos Cytoplasmic Vacuolization
Lung	Pleura Nos Bronchus Alveoli	Emphysema, Centrilobular Fibrosis, Diffuse Inflammation, Nos Lymphocytic Inflammatory Infiltrate Phagocytic Cell

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_010

TRT#: 1
DOSE: 003.6 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Abscess, Nos
	Bronchus	Bronchiectasis
		Collapse
		Congestion, Nos
	Bronchiole	Cyst, Nos
		Degeneration, Muroid
	Alveoli	Foam-Cell
		Hemorrhage
		Hyperplasia, Nos
	Bronchus	Inflammation, Nos
	Pleura Nos	Inflammation, Nos
		Lymphocytic Inflammatory Infiltrate
	Bronchus	Metaplasia, Squamous
Trachea		Hyperplasia, Nos
		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_011

TRT#: 1
DOSE: 003.6 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver
Lung

Bronchus

Hemorrhage
Hemorrhage
Hyperplasia, Nos
Inflammation, Nos
Mucocele

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_013

TRT#: 1
DOSE: 003.6 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus Pleura Nos	Bronchiectasis Inflammation, Suppurative Lymphocytic Inflammatory Infiltrate
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_014

TRT#: 1
DOSE: 003.6 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Pericardium Nos	Inflammation, Nos Inflammation, Suppurative Inflammation, With Fibrosis
Lung	Bronchus Pleura Nos Bronchus	Inflammation, Acute Inflammation, Nos Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_015

TRT#: 1
DOSE: 003.6 MG/M3

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Lymphocytic Inflammatory Infiltrate
Trachea		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_016

TRT#: 1
DOSE: 003.6 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Liver		Hamartoma
Lung	Bronchus	Bronchiectasis
	Alveoli	Foam-Cell
	Bronchus	Lymphocytic Inflammatory Infiltrate
		Plasma-Cell Infiltrate
Unspecified	Abdominal Cavity	Abscess, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_017

TRT#: 1
DOSE: 003.6 MG/M3

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Edema, Interstitial
	Bronchus	Lymphocytic Inflammatory Infiltrate
		Monocytosis
Lymph node	Lymphatic Vessels	Distention

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_018

TRT#: 1
DOSE: 003.6 MG/M3

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Lymphocytic Inflammatory Infiltrate Lymphoma, Nos-Malignant
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_019

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 003.6 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney		Nephrosis, Hemoglobinuric
Liver		Degeneration, Nos Hemorrhage
Lung	Bronchus	Bronchiectasis Hyperplasia, Nos
	Bronchus	Inflammation, Acute
Lymph node	Bronchial Lymph Node	Inflammation, Acute
	Tracheal Lymph Node	Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_020

TRT#: 1
DOSE: 003.6 MG/M3

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Lymphocytic Inflammatory Infiltrate
Trachea		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_021

TRT#: 1
DOSE: 003.6 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Bronchus
Pleura Nos

Edema, Nos
Inflammation, Nos
Inflammation, Nos
Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_022

TRT#: 1
DOSE: 003.6 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Hyperplasia, Nos
Trachea		Lymphocytic Inflammatory Infiltrate
Unspecified	Multiple Organs Nos	Leukemia, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_023

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 003.6 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Edema, Nos

Hemorrhage

Bronchus

Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_024

TRT#: 1
DOSE: 003.6 MG/M3

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Lymphocytic Inflammatory Infiltrate
Trachea		Lymphocytic Inflammatory Infiltrate
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_025

TRT#: 1
DOSE: 003.6 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Pleura Nos	Adhesion, Nos Edema, Nos
Trachea	Bronchus	Lymphocytic Inflammatory Infiltrate Inflammation, Nos Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_026

TRT#: 1
DOSE: 003.6 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Congestion, Nos Edema, Nos Emphysema, Nos
	Pleura Nos	Fibrosis
	Pleura Nos	Hypertrophy, Nos
	Bronchus	Inflammation, Nos
	Pleura Nos	Inflammation, Nos
		Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate Metaplasia, Squamous
Trachea		Inflammation, Nos Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_027

TRT#: 1
DOSE: 003.6 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Congestion, Nos Emphysema, Nos Fibrosis Hyperplasia, Nos
	Bronchus	Inflammation, Nos
	Bronchus	Inflammation, Nos
Trachea	Bronchus	Lymphocytic Inflammatory Infiltrate Hyperplasia, Nos Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_028

TRT#: 1
DOSE: 003.6 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Congestion, Nos Edema, Nos Hemorrhage
Trachea	Pleura Nos	Inflammation, Suppurative Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_030

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 003.6 MG/M3

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung

Bronchus

Lymphocytic Inflammatory Infiltrate

Trachea

Bronchus

Lymphoma, Nos-Malignant

Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_031

TRT#: 1
DOSE: 003.6 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Congestion, Nos Degeneration, Muroid Hyperplasia, Nos
	Bronchus	Inflammation, Nos Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_032

TRT#: 1

DOSE: 003.6 MG/M3

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Lung
Trachea

Lymphoma, Nos-Malignant
Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_033

TRT#: 1
DOSE: 003.6 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Congestion, Nos Edema, Nos Emphysema, Nos Hyperplasia, Nos
	Bronchus	Inflammation, Nos
	Bronchus	Inflammation, Nos Metaplasia, Squamous
Trachea		Metaplasia, Squamous Inflammation, Nos Lymphocytic Inflammatory Infiltrate Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_034

TRT#: 1
DOSE: 003.6 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Congestion, Nos Hemorrhage Hyperplasia, Nos
	Bronchus	Inflammation, Nos Inflammation, Nos Lymphocytic Inflammatory Infiltrate Metaplasia, Squamous
Trachea		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_035

TRT#: 1
DOSE: 003.6 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Edema, Nos
	Pleura Nos	Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
Trachea		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_036

TRT#: 1
DOSE: 003.6 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis
	Alveolar Wall	Cell-Shape Alteration
		Emphysema, Nos
	Alveoli	Hemosiderosis
	Alveolar Wall	Hypertrophy, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
	Alveoli	Phagocytic Cell
		Squamous Cell Carcinoma
Trachea		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_037

TRT#: 1
DOSE: 003.6 MG/M3

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Lymphocytic Inflammatory Infiltrate
		Lymphoma, Nos-Malignant
Trachea		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_038

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 003.6 MG/M3

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung

Bronchus

Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_039

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 003.6 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Congestion, Nos
	Bronchiole	Cyst, Nos Edema, Nos Hemorrhage
	Bronchus	Inflammation, Nos
	Pleura Nos	Inflammation, Suppurative Inflammation, With Fibrosis
	Bronchus	Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_040

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 003.6 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_001

TRT#: 2
DOSE: 036.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Congestion, Nos Fibrosis, Focal Hyperplasia, Nos Inflammation, Nos Lymphocytic Inflammatory Infiltrate Phagocytic Cell
Trachea		Hyperplasia, Atypical

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_002

TRT#: 2
DOSE: 036.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis
	Alveolar Epithelium	Cell-Shape Alteration
		Inflammation, Focal
	Bronchus	Inflammation, Nos
		Inflammation, Nos
		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_003

TRT#: 2
DOSE: 036.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchiole	Distention
	Bronchus	Edema, Nos
		Lymphocytic Inflammatory Infiltrate
		Phagocytic Cell

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_004

TRT#: 2
DOSE: 036.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Abscess, Nos
	Bronchus	Bronchiectasis
		Congestion, Nos
		Emphysema, Nos
		Fibrosis, Focal
		Hemorrhage
	Bronchus	Hyperplasia, Nos
		Lymphocytic Inflammatory Infiltrate
	Bronchus	Metaplasia, Squamous
		Phagocytic Cell

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_005

TRT#: 2
DOSE: 036.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus Pleura Nos	Bronchiectasis Inflammation, Necrotizing Inflammation, Nos Lymphocytic Inflammatory Infiltrate Phagocytic Cell
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_006

TRT#: 2
DOSE: 036.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large	Cecum, Colon	Fibrosarcoma
Liver		Lymphocytic Inflammatory Infiltrate
		Necrosis, Nos
Lung		Emphysema, Alveolar
		Emphysema, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
		Phagocytic Cell
Lymph node		Phagocytic Cell
Trachea		Lymphocytic Inflammatory Infiltrate
Unspecified	Chest	Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_007

TRT#: 2
DOSE: 036.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Alveoli	Foam-Cell Hemorrhage Inflammation, Nos Lymphoma, Nos-Malignant Sclerosis
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_008

TRT#: 2
DOSE: 036.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Genitourinary tract

Inflammation, Nos
Necrosis, Nos
Undifferentiated Carcinoma

Kidney

Tubule
Tubule

Cast, Nos
Distention
Inflammation, Interstitial

Lung

Bronchus

Bronchus
Pleura Nos
Alveoli
Bronchus
Alveoli

Atelectasis
Bronchiectasis
Congestion, Nos
Inflammation, Nos
Inflammation, Nos
Phagocytic Cell
Phagocytic Cell
Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_009

TRT#: 2
DOSE: 036.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Hyperplasia, Atypical
Hyperplasia, Nos
Inflammation, Nos
Phagocytic Cell
Lymphocytic Inflammatory Infiltrate

Trachea

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_010

TRT#: 2
DOSE: 036.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Atelectasis
	Bronchus	Bronchiectasis
		Congestion, Nos
		Emphysema, Nos
	Bronchus	Inflammation, Nos
		Inflammation, Nos
		Metaplasia, Broncho-Alveolar
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_011

TRT#: 2
DOSE: 036.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Edema, Nos
	Emphysema, Nos
Bronchus	Lymphocytic Inflammatory Infiltrate
	Phagocytic Cell

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_012

TRT#: 2
DOSE: 036.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Abscess, Nos
		Atrophy, Nos
	Tubule	Cyst, Nos
	Tubule	Degeneration, Hyaline
	Tubule	Dilatation, Nos
		Fibrosis
		Inflammation, Nos
Lung	Bronchus	Abscess, Nos
	Bronchus	Bronchiectasis
		Congestion, Nos
		Fibrosis, Focal
		Hemorrhage
		Inflammation, Nos
		Lymphoma, Nos-Malignant
		Phagocytic Cell
Peritoneum		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_013

TRT#: 2
DOSE: 036.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Degeneration, Muroid Inflammation, Nos Lymphoma, Nos-Malignant Phagocytic Cell
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_014

TRT#: 2
DOSE: 036.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Bronchus

Bronchiectasis
Congestion, Nos
Edema, Nos
Hyperplasia, Nos
Inflammation, Nos
Inflammation, Nos
Inflammation, Nos

Bronchus
Pleura Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_015

TRT#: 2
DOSE: 036.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Edema, Nos Emphysema, Nos Inflammation, Nos
	Bronchus	Inflammation, Obliterative
	Bronchiole	Lymphocytic Inflammatory Infiltrate
	Bronchus	Metaplasia, Squamous Phagocytic Cell
Trachea		Lymphocytic Inflammatory Infiltrate Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_016

TRT#: 2
DOSE: 036.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Congestion, Nos Edema, Nos
	Bronchus	Inflammation, Nos Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate Lymphoma, Nos-Malignant Phagocytic Cell

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_017

TRT#: 2
DOSE: 036.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Edema, Nos Fibrosis, Focal Hyperplasia, Nos
	Bronchus	Inflammation, Nos Inflammation, Nos
Trachea	Bronchus	Lymphocytic Inflammatory Infiltrate Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_018

TRT#: 2
DOSE: 036.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Pyelonephritis, Acute/Chronic
Liver		Cyst, Nos Necrosis, Nos
Lung		Abscess, Nos Atelectasis
	Bronchus	Bronchiectasis Edema, Nos Emphysema, Nos
	Bronchus	Inflammation, Nos Inflammation, Nos
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_019

TRT#: 2
DOSE: 036.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Congestion, Nos Hyperplasia, Atypical Inflammation, Nos Lymphocytic Inflammatory Infiltrate Phagocytic Cell Sclerosis
Trachea		Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_020

TRT#: 2
DOSE: 036.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Meninges	Inflammation, Nos
Lung	Bronchus	Lymphocytic Inflammatory Infiltrate Phagocytic Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_021

TRT#: 2
DOSE: 036.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Congestion, Nos Emphysema, Nos Hemorrhage Lymphocytic Inflammatory Infiltrate Phagocytic Cell
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PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_022

TRT#: 2
DOSE: 036.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver

Congestion, Nos
Hemangioma

Lung

Bronchus

Bronchiectasis
Edema, Nos
Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_023

TRT#: 2
DOSE: 036.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Congestion, Nos Emphysema, Nos
	Bronchus	Inflammation, Nos Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate Metaplasia, Squamous Phagocytic Cell
Trachea		Hyperplasia, Nos Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_024

TRT#: 2
DOSE: 036.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Congestion, Nos Edema, Nos Hemorrhage
	Pleura Nos	Inflammation, Necrotizing
	Bronchus	Inflammation, Nos
	Bronchus	Inflammation, Nos Lymphocytic Inflammatory Infiltrate Phagocytic Cell

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_025

TRT#: 2
DOSE: 036.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Abscess, Nos Hemorrhage
Lung	Bronchus	Infarct, Nos Bronchiectasis Congestion, Nos Fibrosis, Focal Hyperplasia, Focal
	Bronchus	Inflammation, Nos Inflammation, Nos Lymphoma, Nos-Malignant Phagocytic Cell
Peritoneum		Inflammation, Necrotizing Inflammation, Nos
Spleen		Abscess, Nos
Unspecified	Follicles	Atrophy, Nos
	Mediastinum Nos	Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_026

TRT#: 2
DOSE: 036.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Bronchus

Emphysema, Nos
Lymphocytic Inflammatory Infiltrate
Phagocytic Cell
Phagocytic Cell

Trachea

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_027

TRT#: 2
DOSE: 036.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Edema, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
		Phagocytic Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_028

TRT#: 2
DOSE: 036.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Congestion, Nos
Emphysema, Nos
Lymphocytic Inflammatory Infiltrate
Phagocytic Cell

Bronchus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_029

TRT#: 2
DOSE: 036.0 MG/M3

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Hyperplasia, Focal
	Bronchus	Lymphocytic Inflammatory Infiltrate
		Phagocytic Cell
Lymph node	Mediastinal Lymph Node	Phagocytic Cell

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_030

TRT#: 2
DOSE: 036.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Congestion, Nos Edema, Nos Emphysema, Nos Fibrosis, Focal
	Bronchus	Inflammation, Nos Inflammation, Nos Lymphocytic Inflammatory Infiltrate Phagocytic Cell
Trachea		Phagocytic Cell

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_031

TRT#: 2
DOSE: 036.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Edema, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
		Phagocytic Cell
Lymph node		Phagocytic Cell

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_032

TRT#: 2
DOSE: 036.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Congestion, Nos Hemorrhage Inflammation, Nos Lymphoma, Nos-Malignant Phagocytic Cell
Trachea		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_033

TRT#: 2
DOSE: 036.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Lymphocytic Inflammatory Infiltrate Phagocytic Cell
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PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_034

TRT#: 2
DOSE: 036.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Congestion, Nos
Lymphocytic Inflammatory Infiltrate
Phagocytic Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_035

TRT#: 2
DOSE: 036.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Congestion, Nos
Lung		Congestion, Nos
		Degeneration, Muroid
		Hemorrhage
	Bronchus	Lymphocytic Inflammatory Infiltrate
		Phagocytic Cell
Trachea		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_036

TRT#: 2
DOSE: 036.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Congestion, Nos Edema, Nos Fibrosis, Focal Hemorrhage Hyperplasia, Nos Inflammation, Nos
Trachea		Hyperplasia, Nos Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_037

TRT#: 2
DOSE: 036.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Congestion, Nos
	Bronchus	Inflammation, Nos Inflammation, Nos
	Bronchiole	Inflammation, Obliterative Lymphoma, Nos-Malignant Metaplasia, Squamous Phagocytic Cell
Lymph node	Mediastinal Lymph Node	Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_038

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 036.0 MG/M3

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney		Cyst, Nos
		Nephrosis, Nos
Lung	Bronchus	Bronchiectasis
		Fibrosis, Focal
		Hyperplasia, Focal
	Bronchus	Inflammation, Nos
		Lymphoma, Histiocytic-Malignant Type
		Phagocytic Cell
Trachea		Hyperplasia, Nos
Unspecified	Leg	Fibrosis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_039

TRT#: 2
DOSE: 036.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Congestion, Nos Emphysema, Nos Lymphocytic Inflammatory Infiltrate Phagocytic Cell
Trachea		Lymphocytic Inflammatory Infiltrate Phagocytic Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_040

TRT#: 2
DOSE: 036.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Congestion, Nos Hyperplasia, Nos Lymphoma, Nos-Malignant Phagocytic Cell Fibroma
Unspecified		

PRIMARY CAUSE OF DEATH -

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_041

TRT#: 2
DOSE: 036.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Inflammation, Interstitial
Lung	Bronchus	Bronchiectasis Congestion, Nos Emphysema, Nos Inflammation, Focal
	Pleura Nos	Inflammation, Necrotizing
	Bronchus	Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate Phagocytic Cell
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_042

TRT#: 2
DOSE: 036.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Edema, Nos Emphysema, Nos Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate Metaplasia, Squamous Phagocytic Cell
Trachea		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_043

TRT#: 2
DOSE: 036.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Bronchus

Bronchiectasis
Congestion, Nos
Edema, Nos
Phagocytic Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_044

TRT#: 2
DOSE: 036.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Congestion, Nos Edema, Nos Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate Phagocytic Cell

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_045

TRT#: 2
DOSE: 036.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Congestion, Nos
Hemorrhage
Hemosiderosis
Inflammation, Nos
Metaplasia, Squamous
Phagocytic Cell
Lymphocytic Inflammatory Infiltrate
Metaplasia, Squamous

Trachea

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_046

TRT#: 2
DOSE: 036.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Congestion, Nos
	Bronchus	Fibrosis Hemorrhage Hyperplasia, Nos
	Bronchus	Inflammation, Nos Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate Phagocytic Cell
Trachea		Hyperplasia, Nos Metaplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_047

TRT#: 2
DOSE: 036.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Congestion, Nos Fibrosis, Focal
	Pleura Nos	Inflammation, Necrotizing
	Bronchus	Inflammation, Nos Inflammation, Nos Lymphocytic Inflammatory Infiltrate Phagocytic Cell

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_048

TRT#: 2
DOSE: 036.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Fibrosis, Focal Inflammation, Focal
	Bronchus	Lymphocytic Inflammatory Infiltrate Phagocytic Cell

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_049

TRT#: 2
DOSE: 036.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Bronchus

Congestion, Nos
Emphysema, Nos
Lymphocytic Inflammatory Infiltrate
Phagocytic Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_050

TRT#: 2
DOSE: 036.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Congestion, Nos

Edema, Nos

Bronchus

Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_001

TRT#: 3
DOSE: 020.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Congestion, Nos Emphysema, Nos Hemorrhage
	Bronchus	Lymphocytic Inflammatory Infiltrate Phagocytic Cell
Lymph node		Phagocytic Cell

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_002

TRT#: 3
DOSE: 020.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus Alveolar Epithelium	Bronchiectasis Cell-Shape Alteration Collapse Congestion, Nos Emphysema, Nos Fibrosis, Focal Hemorrhage Hyperplasia, Atypical Inflammation, Focal
	Bronchus	Inflammation, Nos Inflammation, Nos Metaplasia, Squamous Phagocytic Cell
Trachea		Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_003

TRT#: 3
DOSE: 020.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Congestion, Nos Hemorrhage Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate Phagocytic Cell
Trachea		Phagocytic Cell

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_004

TRT#: 3
DOSE: 020.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Congestion, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate Phagocytic Cell
Trachea		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_005

TRT#: 3
DOSE: 020.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Congestion, Nos Hemorrhage Hyperplasia, Nos
	Pleura Nos	Inflammation, Nos Inflammation, Nos Lymphoma, Nos-Malignant Metaplasia, Squamous Phagocytic Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_006

TRT#: 3
DOSE: 020.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Congestion, Nos Hemorrhage
	Pleura Nos	Inflammation, Necrotizing
	Bronchus	Lymphocytic Inflammatory Infiltrate Phagocytic Cell
Trachea		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_007

TRT#: 3
DOSE: 020.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate Phagocytic Cell
Lymph node	Mediastinal Lymph Node	Squamous Cell Carcinoma Squamous Cell Carcinoma, Invasive
Trachea		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_008

TRT#: 3
DOSE: 020.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Congestion, Nos Edema, Nos Foam-Cell Hemorrhage
	Pleura Nos	Inflammation, Necrotizing Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_009

TRT#: 3
DOSE: 020.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Bronchus

Bronchiectasis
Inflammation, Nos
Leukocytosis, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_010

TRT#: 3
DOSE: 020.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis
	Alveolar Epithelium	Cell-Shape Alteration
		Emphysema, Nos
		Hemorrhage
		Inflammation, Focal
	Bronchus	Inflammation, Nos
		Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
		Phagocytic Cell

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_011

TRT#: 3
DOSE: 020.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Inflammation, Nos Lymphoma, Nos-Malignant Metaplasia, Squamous Phagocytic Cell
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_012

TRT#: 3
DOSE: 020.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Pericardium Nos	Inflammation, Nos
Lung	Bronchus	Bronchiectasis
		Edema, Nos
		Emphysema, Nos
	Pleura Nos	Inflammation, Necrotizing
	Bronchus	Lymphocytic Inflammatory Infiltrate
		Phagocytic Cell

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_013

TRT#: 3
DOSE: 020.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Congestion, Nos Edema, Nos Hyperplasia, Nos
	Bronchus	Inflammation, Nos Inflammation, Nos Lymphocytic Inflammatory Infiltrate Phagocytic Cell
Trachea		Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_014

TRT#: 3
DOSE: 020.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis
	Bronchus	Edema, Nos
	Bronchus	Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_015

TRT#: 3
DOSE: 020.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Inflammation, With Fibrosis
	Bronchus	Lymphocytic Inflammatory Infiltrate Phagocytic Cell

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_016

TRT#: 3
DOSE: 020.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Emphysema, Nos Hyperplasia, Nos
	Bronchus	Inflammation, Nos Inflammation, Nos Metaplasia, Squamous Phagocytic Cell
Trachea		Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_017

TRT#: 3
DOSE: 020.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Emphysema, Nos Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate Phagocytic Cell
Unspecified	Mediastinum Nos	Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_018

TRT#: 3
DOSE: 020.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Abscess, Nos
	Bronchus	Bronchiectasis
		Calcification, Nos
		Congestion, Nos
		Emphysema, Nos
	Pleura Nos	Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
		Metaplasia, Squamous
		Phagocytic Cell
		Sclerosis
Trachea		Metaplasia, Squamous
Unspecified		Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_019

TRT#: 3
DOSE: 020.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Abscess, Nos
		Adhesion, Nos
	Bronchus	Bronchiectasis
		Edema, Nos
	Pleura Nos	Inflammation, Necrotizing
	Bronchus	Inflammation, Nos
		Inflammation, Nos
		Lymphocytic Inflammatory Infiltrate
		Phagocytic Cell
Lymph node	Pretracheal Lymph Node	Phagocytic Cell
Trachea		Lymphocytic Inflammatory Infiltrate
Unspecified	Mediastinum Nos	Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_020

TRT#: 3
DOSE: 020.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus Alveolar Epithelium	Bronchiectasis Cell-Shape Alteration Inflammation, Focal Inflammation, Necrotizing
	Pleura Nos Bronchus	Inflammation, Nos Inflammation, With Fibrosis Lymphocytic Inflammatory Infiltrate Phagocytic Cell
Unspecified	Mediastinum Nos	Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_021

TRT#: 3
DOSE: 020.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Emphysema, Nos

Inflammation, Nos

Phagocytic Cell

Trachea

Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_022

TRT#: 3
DOSE: 020.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Metamorphosis, Fatty Necrosis, Nos
Lung	Bronchus	Atelectasis Bronchiectasis Emphysema, Nos
	Bronchus	Inflammation, Nos
	Pleura Nos	Inflammation, Nos Phagocytic Cell
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_023

TRT#: 3
DOSE: 020.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Congestion, Nos
Emphysema, Nos
Hemorrhage
Phagocytic Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_024

TRT#: 3
DOSE: 020.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Congestion, Nos Emphysema, Nos Hyperplasia, Nos Phagocytic Cell
Trachea		Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_025

TRT#: 3
DOSE: 020.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Congestion, Nos Edema, Nos Inflammation, With Fibrosis Metaplasia, Squamous
------	----------	--

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_026

TRT#: 3
DOSE: 020.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Degeneration, Muroid Edema, Nos Fibrosis, Focal Hyperplasia, Atypical
	Bronchus	Inflammation, Nos Inflammation, Nos
Trachea	Bronchus	Lymphocytic Inflammatory Infiltrate Hyperplasia, Atypical Metaplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_027

TRT#: 3
DOSE: 020.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Liver
Lung

Bronchus

Bronchus

Abscess, Nos
Congestion, Nos
Abscess, Nos
Bronchiectasis
Congestion, Nos
Inflammation, Nos
Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_028

TRT#: 3
DOSE: 020.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver Hepatocellular Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_029

TRT#: 3
DOSE: 020.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchiole	Bronchiolectasis
	Bronchiole	Cyst, Nos
		Edema, Nos
		Hemorrhage
	Bronchus	Lymphocytic Inflammatory Infiltrate
		Phagocytic Cell
Trachea		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_030

TRT#: 3
DOSE: 020.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Congestion, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
		Phagocytic Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_031	TRT#: 3 DOSE: 020.0 MG/M3	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
<hr/>			
OBSERVATIONS			
Lung	Bronchus	Bronchiectasis Edema, Nos Fibrosis Inflammation, Nos Metaplasia, Squamous Phagocytic Cell	
Trachea Unspecified	Multiple Organs Nos	Phagocytic Cell Lymphoma, Nos-Malignant	
<hr/>			
PRIMARY CAUSE OF DEATH	-		
<hr/>			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_032

TRT#: 3
DOSE: 020.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Tubule	Degeneration, Hyaline
	Tubule	Dilatation, Nos
Liver		Necrosis, Nos
Lung	Bronchus	Bronchiectasis
		Edema, Nos
		Emphysema, Nos
	Bronchus	Fibrosis
		Hyperplasia, Atypical
		Inflammation, Nos
		Metaplasia, Squamous
	Alveoli	Phagocytic Cell
Lymph node		Foreign Material, Nos
Trachea		Hyperplasia, Atypical
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_033

TRT#: 3
DOSE: 020.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Congestion, Nos Edema, Nos Fibrosis, Focal Hemorrhage Hyperplasia, Atypical
	Pleura Nos	Inflammation, Necrotizing Phagocytic Cell

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_034

TRT#: 3
DOSE: 020.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Congestion, Nos

Trachea

Phagocytic Cell

Phagocytic Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_035

TRT#: 3
DOSE: 020.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung
Trachea

Inflammation, Nos
Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_036

TRT#: 3
DOSE: 020.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Edema, Nos
Emphysema, Nos
Lymphocytic Inflammatory Infiltrate
Phagocytic Cell
Lymphocytic Inflammatory Infiltrate

Trachea

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_037

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 020.0 MG/M3

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung		Bronchiectasis Inflammation, With Fibrosis Lymphocytic Inflammatory Infiltrate Metaplasia, Squamous Phagocytic Cell
Lymph node	Mediastinal Lymph Node	Hemorrhage
	Mediastinal Lymph Node	Hyperplasia, Nos
Unspecified	Mediastinum Nos	Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_038

TRT#: 3
DOSE: 020.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Bronchus

Bronchiectasis
Hyperplasia, Focal
Inflammation, Nos
Inflammation, Nos
Inflammation, Nos

Bronchus
Pleura Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_039

TRT#: 3
DOSE: 020.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Congestion, Nos Hyperplasia, Atypical
	Pleura Nos	Inflammation, Necrotizing
	Bronchus	Inflammation, Nos Inflammation, Nos Lymphocytic Inflammatory Infiltrate Phagocytic Cell
Trachea		Hyperplasia, Nos Inflammation, Nos Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_040

TRT#: 3
DOSE: 020.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Bronchiectasis
		Congestion, Nos
		Emphysema, Nos
		Hemorrhage
	Pleura Nos	Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
		Phagocytic Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_041

TRT#: 3
DOSE: 020.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Edema, Nos Hyperplasia, Nos
	Bronchus	Inflammation, Nos Inflammation, Nos Lymphocytic Inflammatory Infiltrate Hyperplasia, Nos
Trachea		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_042

TRT#: 3
DOSE: 020.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Congestion, Nos Hyperplasia, Nos
	Bronchus	Inflammation, Nos Inflammation, Nos
	Bronchiole	Inflammation, Obliterative
	Bronchus	Lymphoma, Nos-Malignant Phagocytic Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_043

TRT#: 3
DOSE: 020.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Edema, Nos Fibrosis, Focal Hyperplasia, Nos
	Bronchus	Inflammation, Nos Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate Phagocytic Cell

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_044

TRT#: 3
DOSE: 020.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Congestion, Nos Hyperplasia, Nos
	Bronchus	Inflammation, Nos Inflammation, Nos Lymphocytic Inflammatory Infiltrate Metaplasia, Squamous Phagocytic Cell
Trachea		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_045

TRT#: 3
DOSE: 020.0 MG/M3

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Congestion, Nos Edema, Nos Hemorrhage
	Pleura Nos	Inflammation, Necrotizing Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate Phagocytic Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_001

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Abscess, Nos Congestion, Nos Degeneration, Muroid Inflammation, Necrotizing Lymphocytic Inflammatory Infiltrate
	Pleura Nos	
	Bronchus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_002

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Genitourinary tract
Kidney

Tubule
Tubule
Tubule

Abscess, Nos
Cast, Nos
Cyst, Nos
Dilatation, Nos
Inflammation, Interstitial

Liver

Angiectasis
Hemorrhage

Portal Tract

Lymphocytic Inflammatory Infiltrate
Abscess, Nos

Lung

Bronchus

Bronchiectasis
Edema, Nos
Emphysema, Nos

Bronchus

Fibrosis
Hemorrhage
Inflammation, Nos
Inflammation, Nos

Trachea

Bronchus

Lymphocytic Inflammatory Infiltrate
Hyperplasia, Nos
Lymphocytic Inflammatory Infiltrate

Unspecified

Foot Nos

Necrosis, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_009	TRT#: 4 DOSE: 0	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
<hr/> OBSERVATIONS			
Liver		Congestion, Nos	
	Portal Tract	Lymphocytic Inflammatory Infiltrate	
Lung		Abscess, Nos	
	Bronchus	Bronchiectasis	
		Congestion, Nos	
		Edema, Nos	
		Fibrosis	
		Hemorrhage	
		Hyperplasia, Atypical	
	Bronchus	Inflammation, Nos	
		Inflammation, Nos	
	Bronchus	Lymphocytic Inflammatory Infiltrate	
Trachea		Inflammation, Nos	
		Lymphocytic Inflammatory Infiltrate	
<hr/> PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_010

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Degeneration, Nos Hyperplasia, Nos
Lung	Bronchus	Bronchiectasis Congestion, Nos Emphysema, Nos Hemorrhage Hyperplasia, Nos
	Bronchus	Inflammation, Nos Inflammation, Nos
Trachea	Bronchus	Lymphocytic Inflammatory Infiltrate Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_011

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Bronchus
Bronchus

Edema, Nos
Inflammation, Nos
Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_013

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Cytoplasmic Vacuolization
Lung	Bronchus	Bronchiectasis
		Emphysema, Nos
	Pleura Nos	Fibrosis
	Pleura Nos	Hypertrophy, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_014

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Congestion, Nos Edema, Nos Hemorrhage
Trachea	Bronchus	Lymphocytic Inflammatory Infiltrate Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_015

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Atrophy, Nos Calcification, Nos Degeneration, Hyaline
	Tubule	Dilatation, Nos Pyelonephritis, Nos
Lung		Congestion, Nos Emphysema, Nos Fibrosis
	Pleura Nos	Hypertrophy, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
Trachea		Lymphocytic Inflammatory Infiltrate
Urinary bladder		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_016

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Congestion, Nos

Edema, Nos

Pleura Nos

Inflammation, Necrotizing

Bronchus

Lymphocytic Inflammatory Infiltrate

Trachea

Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_017

TRT#: 4
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Tubule	Degeneration, Nos
Liver		Congestion, Nos
Lung	Bronchus	Bronchiectasis
		Emphysema, Nos
		Hyperplasia, Nos
	Bronchus	Inflammation, Nos
		Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
Trachea		Hyperplasia, Nos
		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_018

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Bronchus
Bronchus

Edema, Nos
Inflammation, Nos
Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_020

TRT#: 4
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large
Kidney
Liver

Lung

Intestinal Tract
Tubule

Bronchus

Bronchus

Trachea

Intussusception
Degeneration, Nos
Metamorphosis, Fatty
Necrosis, Nos
Abscess, Nos
Congestion, Nos
Emphysema, Nos
Fibrosis
Hemorrhage
Hyperplasia, Atypical
Hyperplasia, Papillary
Inflammation, Nos
Inflammation, Nos
Lymphocytic Inflammatory Infiltrate
Sclerosis
Hyperplasia, Atypical

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_022

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Bronchus
Alveolar Epithelium
Pleura Nos

Bronchiectasis
Cell-Shape Alteration
Inflammation, Necrotizing
Inflammation, Nos
Lymphocytic Inflammatory Infiltrate
Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_023

TRT#: 4
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Tubule	Calcium Deposit
	Tubule	Degeneration, Nos
Liver	Portal Tract	Lymphocytic Inflammatory Infiltrate
		Necrosis, Nos
Lung	Bronchus	Bronchiectasis
	Bronchiole	Distention
		Emphysema, Nos
		Hemorrhage
		Hyperplasia, Nos
	Bronchus	Inflammation, Nos
		Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
		Metaplasia, Osseous
		Sclerosis
Trachea		Lymphocytic Inflammatory Infiltrate
Unspecified		Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_025

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Blood vessel	Pulmonary Artery Nos	Hyperplasia, Nos
Heart	Endocardium Nos	Inflammation, Nos
	Epicardium	Inflammation, Nos
Kidney	Tubule	Degeneration, Nos
Liver		Congestion, Nos
Lung	Bronchus	Abscess, Nos
	Pleura Nos	Adhesion, Nos
	Bronchus	Bronchiectasis
		Edema, Interstitial
		Fibrosis
		Inflammation, Focal
	Pleura Nos	Inflammation, Necrotizing
	Bronchus	Inflammation, Nos
		Lymphoma, Nos-Malignant
Trachea		Lymphocytic Inflammatory Infiltrate
Unspecified	Diaphragm Nos	Adhesion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_026

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Trachea

Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_029

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large
Kidney
Liver

Intestinal Tract
Tubule

Fibroma
Degeneration, Nos
Amyloidosis
Necrosis, Nos

Lung

Bronchus

Bronchiectasis
Edema, Nos
Emphysema, Nos

Bronchus
Bronchus

Inflammation, Nos
Lymphocytic Inflammatory Infiltrate
Lymphocytic Inflammatory Infiltrate

Trachea

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_032

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Angiectasis
Lung	Bronchus	Bronchiectasis
		Congestion, Nos
		Edema, Nos
		Emphysema, Nos
	Bronchus	Inflammation, Nos
	Pleura Nos	Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
Trachea		Lymphocytic Inflammatory Infiltrate
Unspecified		Fibroma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_033

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis
		Edema, Nos
	Pleura Nos	Inflammation, Nos
		Inflammation, With Fibrosis
	Bronchus	Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_034

TRT#: 4
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Bronchus

Congestion, Nos
Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_035

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Tubule	Degeneration, Nos
Liver		Congestion, Nos
Lung	Bronchus	Bronchiectasis
		Congestion, Nos
		Edema, Nos
		Emphysema, Nos
		Fibrosis
		Hemorrhage
	Bronchus	Inflammation, Nos
		Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
Trachea		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_036

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Tubule	Dilatation, Nos Inflammation, Interstitial
Liver	Hepatic Sinusoid	Congestion, Nos
Lung	Bronchus	Abscess, Nos
	Bronchus	Bronchiectasis
		Congestion, Nos
		Edema, Nos
		Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
	Bronchus	Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_038

TRT#: 4
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Tubule	Degeneration, Nos
Liver		Fibrosis
		Necrosis, Nos
Lung	Bronchus	Bronchiectasis
		Congestion, Nos
	Bronchiole	Distention
		Emphysema, Nos
		Hemorrhage
		Hyperplasia, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
		Sclerosis
Trachea		Hyperplasia, Nos
		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_042

TRT#: 4
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Alveoli
Bronchiole

Hyperplasia, Epithelial
Inflammation, Granulomatous
Inflammation, Granulomatous
Perivascularitis
Phagocytic Cell
Polyp, Nos
Lymphocytic Inflammatory Infiltrate

Trachea

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_043

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain

Meninges

Hemorrhage
Inflammation, Nos
Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_045

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Cast, Nos Cyst, Nos
	Tubule	Dilatation, Nos Congestion, Nos
Liver		Abscess, Nos
Lung	Bronchus	Bronchiectasis Edema, Nos Fibrosis
	Bronchus	Inflammation, Nos Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate Lymphocytic Inflammatory Infiltrate
Trachea		

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_046

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Optic Nerve	Squamous Cell Carcinoma
Kidney		Amyloidosis
		Degeneration, Hyaline
		Degeneration, Nos
		Inflammation, Chronic
Liver		Lymphocytic Inflammatory Infiltrate
Lung	Bronchus	Bronchiectasis
		Congestion, Nos
		Foam-Cell
	Bronchus	Lymphocytic Inflammatory Infiltrate
		Mucocele
Unspecified		Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_047

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Tubule	Dilatation, Nos Inflammation, Focal
Liver	Bile Duct	Hyperplasia, Nos
	Bile Duct	Lymphocytic Inflammatory Infiltrate
Lung	Bronchus	Bronchiectasis
	Bronchus	Hyperplasia, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
	Bronchus	Metaplasia, Squamous
Trachea		Hyperplasia, Nos
		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_049

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Auricular Appendage Nos	Lymphoma, Nos-Malignant
Lung		Congestion, Nos
	Alveoli	Edema, Nos
		Emphysema, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_050

TRT#: 4
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver	Bile Duct	Hyperplasia, Nos Metamorphosis, Fatty Necrosis, Nos
Lung	Bronchus Bronchiole	Bronchiectasis Distention Emphysema, Nos Hyperplasia, Nos
	Bronchus	Inflammation, Nos Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate Metaplasia, Osseous Sclerosis
Trachea		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_054

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Abscess, Nos
	Bronchus	Bronchiectasis
		Congestion, Nos
		Fibrosis
		Hemorrhage
	Bronchus	Inflammation, Nos
	Pleura Nos	Inflammation, Nos
		Inflammation, Nos
		Sclerosis
Trachea		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_055

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis
	Bronchus	Hyperplasia, Atypical
	Bronchus	Hyperplasia, Nos
	Bronchus	Metaplasia, Squamous
Trachea		Hyperplasia, Nos
		Lymphocytic Inflammatory Infiltrate
		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_056

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Tubule	Degeneration, Nos
Liver		Congestion, Nos
Lung		Abscess, Nos
		Edema, Nos
		Emphysema, Nos
		Fibrosis
		Hemorrhage
	Bronchus	Inflammation, Nos
	Pleura Nos	Inflammation, Nos
		Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
		Necrosis, Nos
		Sclerosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_061

TRT#: 4
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Congestion, Nos Necrosis, Nos
Lung	Bronchus	Bronchiectasis Emphysema, Nos Fibrosis Hyperplasia, Nos
	Bronchus	Inflammation, Nos
	Pleura Nos	Inflammation, Nos Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate Metaplasia, Osseous Sclerosis
Skin		Abscess, Nos
Trachea		Hyperplasia, Nos Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_062

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Small
Lung

Ileum

Bronchus

Bronchus

Bronchus

Trachea

Fibroma
Abscess, Nos
Bronchiectasis
Congestion, Nos
Edema, Nos
Emphysema, Nos
Hemorrhage
Inflammation, Nos
Inflammation, Nos
Lymphocytic Inflammatory Infiltrate
Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_063

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Alveoli	Foam-Cell
	Pleura Nos	Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
		Sclerosis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_064

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Abscess, Nos
	Bronchus	Bronchiectasis
		Edema, Nos
		Emphysema, Nos
		Fibrosis
		Hemorrhage
		Hyperplasia, Nos
	Bronchus	Inflammation, Nos
		Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
		Necrosis, Nos
Trachea		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_065	TRT#: 4 DOSE: 0	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
<hr/>			
OBSERVATIONS			
Kidney	Tubule	Degeneration, Nos	
Liver		Congestion, Nos	
		Fibrosis	
	Bile Duct	Hyperplasia, Nos	
		Necrosis, Nos	
Lung	Bronchus	Bronchiectasis	
		Congestion, Nos	
		Fibrosis	
		Hyperplasia, Atypical	
		Hyperplasia, Nos	
	Bronchus	Inflammation, Nos	
		Inflammation, Nos	
	Bronchus	Lymphocytic Inflammatory Infiltrate	
Trachea		Lymphocytic Inflammatory Infiltrate	
<hr/>			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_067

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_069

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Bronchus

Bronchiectasis
Edema, Nos
Emphysema, Nos

Bronchus

Inflammation, Nos
Inflammation, Nos
Inflammation, Nos

Trachea

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_070

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Tubule	Degeneration, Nos
Liver		Congestion, Nos
	Kupffer Cell	Hyperplasia, Nos
Lung		Congestion, Nos
		Edema, Nos
		Hemorrhage
		Hyperplasia, Atypical
	Bronchus	Inflammation, Nos
	Pleura Nos	Inflammation, Nos
		Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
		Necrosis, Nos
Trachea		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_071

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Abscess, Nos
	Bronchus	Bronchiectasis
		Congestion, Nos
		Emphysema, Nos
		Hemorrhage
		Hyperplasia, Nos
	Bronchus	Inflammation, Nos
	Pleura Nos	Inflammation, Nos
		Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
		Necrosis, Nos
		Sclerosis
Trachea		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_072

TRT#: 4
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Hyperplasia, Nos
	Bronchus	Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
Trachea		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_075

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Abscess, Nos
	Bronchus	Bronchiectasis
		Congestion, Nos
		Edema, Nos
		Hemorrhage
		Hyperplasia, Atypical
	Bronchus	Lymphocytic Inflammatory Infiltrate
		Necrosis, Nos
Trachea		Hyperplasia, Nos
		Lymphocytic Inflammatory Infiltrate
Unspecified	Multiple Organs Nos	Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_076

TRT#: 4
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Tubule	Degeneration, Nos
Liver		Congestion, Nos
		Inflammation, Focal
Lung		Abscess, Nos
	Bronchus	Bronchiectasis
		Congestion, Nos
		Emphysema, Nos
		Fibrosis
		Hemorrhage
		Hyperplasia, Atypical
		Hyperplasia, Papillary
Trachea		Inflammation, Nos
		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_078

TRT#: 4
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver

Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_080

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Abscess, Nos
	Bronchus	Bronchiectasis
		Congestion, Nos
		Emphysema, Nos
		Fibrosis
		Hyperplasia, Nos
	Bronchus	Inflammation, Nos
		Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
		Necrosis, Nos
Trachea		Hyperplasia, Nos
		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_083

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Tubule	Atrophy, Nos
	Tubule	Cast, Nos
		Dilatation, Nos
		Inflammation, Nos
Lung	Bronchus	Bronchiectasis
		Congestion, Nos
		Edema, Nos
		Emphysema, Nos
		Fibrosis
		Hyperplasia, Nos
	Bronchus	Inflammation, Nos
		Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
Trachea		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_086

TRT#: 4
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Emphysema, Nos Hyperplasia, Nos
	Pleura Nos	Inflammation, Nos Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
	Bronchus	Necrosis, Nos
Trachea		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_087

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Abscess, Nos Bronchiectasis Congestion, Nos Emphysema, Nos Fibrosis Hemorrhage Hyperplasia, Nos
	Bronchus Pleura Nos	Inflammation, Nos Inflammation, Nos Inflammation, Nos
Trachea	Bronchus	Lymphocytic Inflammatory Infiltrate Hyperplasia, Atypical Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_090

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Abscess, Nos
	Bronchus	Bronchiectasis
		Congestion, Nos
		Emphysema, Nos
		Fibrosis
		Hemorrhage
		Hyperplasia, Nos
	Bronchus	Inflammation, Nos
		Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
Trachea		Hyperplasia, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_091	TRT#: 4 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
<hr/>			
OBSERVATIONS			
Kidney	Tubule	Degeneration, Nos	
Liver		Congestion, Nos	
		Fibrosis	
	Portal Tract	Lymphocytic Inflammatory Infiltrate	
		Abscess, Nos	
Lung	Bronchus	Bronchiectasis	
		Congestion, Nos	
	Bronchiole	Distention	
		Emphysema, Nos	
		Fibrosis	
		Hemorrhage	
		Hyperplasia, Papillary	
	Bronchus	Inflammation, Nos	
		Inflammation, Nos	
	Bronchus	Lymphocytic Inflammatory Infiltrate	
	Bronchus	Necrosis, Nos	
		Necrosis, Nos	
		Lymphocytic Inflammatory Infiltrate	
Trachea			
<hr/>			
PRIMARY CAUSE OF DEATH	-		
<hr/>			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_092

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Tubule	Cast, Nos
	Tubule	Dilatation, Nos
		Lymphocytic Inflammatory Infiltrate
Liver		Cytoplasmic Vacuolization
Lung	Bronchus	Bronchiectasis
		Hyperplasia, Nos
	Pleura Nos	Inflammation, Necrotizing
	Bronchus	Inflammation, Nos
		Inflammation, Nos
		Lymphoma, Nos-Malignant
		Metaplasia, Broncho-Alveolar

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_093

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Unspecified

Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_096

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Congestion, Nos Metamorphosis, Fatty
Lung	Bronchus	Necrosis, Nos Bronchiectasis Congestion, Nos Edema, Nos Emphysema, Nos Fibrosis Hyperplasia, Atypical
	Bronchus	Inflammation, Nos
	Pleura Nos	Inflammation, Nos Inflammation, Nos Sclerosis
Skin	Abdomen	Fibrosarcoma Hemorrhage
Trachea		Hyperplasia, Atypical Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_097

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Congestion, Nos Emphysema, Nos Hemorrhage Hyperplasia, Nos
	Bronchus	Inflammation, Nos Inflammation, Nos
Trachea	Bronchus	Lymphocytic Inflammatory Infiltrate Hyperplasia, Atypical Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_098

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Edema, Nos Inflammation, Nos
Skin	Bronchus	Lymphocytic Inflammatory Infiltrate Abscess, Nos
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_099

TRT#: 4
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Emphysema, Nos Fibrosis Hemorrhage Hyperplasia, Atypical Hyperplasia, Nos Hyperplasia, Papillary
	Bronchus	Inflammation, Nos
	Pleura Nos	Inflammation, Nos
	Bronchus	Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
		Necrosis, Nos
		Necrosis, Nos
Trachea		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_100	TRT#: 4 DOSE: 0	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
<hr/> OBSERVATIONS			
Kidney	Tubule	Atrophy, Nos Dilatation, Nos Inflammation, Focal	
Liver		Congestion, Nos	
Lung	Bronchus	Abscess, Nos Bronchiectasis Congestion, Nos Edema, Nos Emphysema, Nos Hyperplasia, Atypical Hyperplasia, Nos	
	Bronchus	Inflammation, Nos Inflammation, Nos	
	Bronchus	Lymphocytic Inflammatory Infiltrate Necrosis, Nos	
Skin	Abdomen	Trichoepithelioma	
Trachea		Lymphocytic Inflammatory Infiltrate	
<hr/> PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_101

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Congestion, Nos Edema, Nos Emphysema, Nos Fibrosis Hemorrhage
	Pleura Nos	Inflammation, Nos Inflammation, Nos
Trachea	Bronchus	Lymphocytic Inflammatory Infiltrate Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_102

TRT#: 4
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis
	Bronchus	Cell-Shape Alteration
		Hyperplasia, Nos
		Inflammation, Focal
	Bronchus	Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
		Metaplasia, Squamous
Trachea		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_103

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Fibrosis
	Bronchus	Inflammation, Nos Inflammation, Nos Lymphoma, Nos-Malignant Metaplasia, Squamous
Trachea		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_104

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Abscess, Nos
		Edema, Nos
		Fibrosis
		Hemorrhage
	Bronchus	Inflammation, Nos
	Pleura Nos	Inflammation, Nos
		Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
		Sclerosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_106

TRT#: 4
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Abscess, Nos Emphysema, Nos Fibrosis Hyperplasia, Atypical Hyperplasia, Nos
	Bronchus	Inflammation, Nos
	Pleura Nos	Inflammation, Nos Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate Metaplasia, Osseous Sclerosis
Trachea		Hyperplasia, Atypical Hyperplasia, Nos Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:39
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_108

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Congestion, Nos Edema, Nos Fibrosis Hemorrhage
	Bronchus	Inflammation, Nos Inflammation, Nos
Trachea	Bronchus	Lymphocytic Inflammatory Infiltrate Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_109

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Tubule	Degeneration, Nos
Lung	Bronchus	Abscess, Nos
		Bronchiectasis
		Congestion, Nos
		Edema, Nos
		Fibrosis
		Hyperplasia, Atypical
	Bronchus	Inflammation, Nos
	Pleura Nos	Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
Trachea		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_110

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Atrophy, Nos
		Dilatation, Nos
Liver		Cytoplasmic Vacuolization
Lung	Bronchus	Bronchiectasis
		Congestion, Nos
	Alveoli	Fibrosis
	Bronchus	Foam-Cell
		Hyperplasia, Nos
	Pleura Nos	Inflammation, Necrotizing
	Bronchus	Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
Trachea		Lymphocytic Inflammatory Infiltrate
Unspecified	Mediastinum Nos	Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_111

TRT#: 4
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Alveolar Epithelium	Cell-Shape Alteration
	Bronchus	Cell-Shape Alteration
	Bronchus	Lymphocytic Inflammatory Infiltrate
		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_112

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Tubule	Degeneration, Nos
Lung		Abscess, Nos
		Congestion, Nos
		Edema, Nos
		Emphysema, Nos
		Hemorrhage
	Bronchus	Inflammation, Nos
		Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
Trachea		Inflammation, Nos
		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_113

TRT#: 4
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis
	Bronchus	Lymphocytic Inflammatory Infiltrate
Trachea		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_116

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Tubule	Degeneration, Nos
Liver		Congestion, Nos
Lung		Abscess, Nos
		Emphysema, Nos
		Hyperplasia, Atypical
		Hyperplasia, Nos
	Bronchus	Inflammation, Nos
		Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
		Metaplasia, Broncho-Alveolar
		Necrosis, Nos
		Sclerosis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_117

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Congestion, Nos
		Edema, Nos
		Emphysema, Nos
		Fibrosis
		Hemorrhage
	Bronchus	Inflammation, Nos
	Pleura Nos	Inflammation, Nos
		Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
		Lymphoma, Nos-Malignant
Trachea		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_118

TRT#: 4
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Spleen

Hypertrophy, Nos
Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_119

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Abscess, Nos
	Bronchus	Bronchiectasis
		Congestion, Nos
		Edema, Nos
		Emphysema, Nos
		Fibrosis
		Hemorrhage
		Hyperplasia, Atypical
	Bronchus	Inflammation, Nos
	Pleura Nos	Inflammation, Nos
		Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
		Metaplasia, Squamous
Trachea		Hyperplasia, Atypical
		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_120

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Atrophy, Nos
	Pelvis	Calcification, Nos
	Tubule	Degeneration, Hyaline
	Pelvis	Dilatation, Nos
	Tubule	Dilatation, Nos
		Inflammation, Focal
Liver	Hepatic Sinusoid	Congestion, Nos
		Cytoplasmic Vacuolization
Lung	Bronchus	Abscess, Nos
	Bronchus	Bronchiectasis
		Calcification, Nos
		Fibrosis
	Pleura Nos	Inflammation, Necrotizing
	Bronchus	Inflammation, Nos
		Lymphoma, Nos-Malignant
		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_121

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Congestion, Nos
Hemorrhage
Hyperplasia, Nos

Bronchus

Lymphocytic Inflammatory Infiltrate
Lymphocytic Inflammatory Infiltrate

Trachea

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_122

TRT#: 4
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Hyperplasia, Nos Inflammation, Focal
	Bronchus	Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
Trachea		Hyperplasia, Nos Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_123	TRT#: 4 DOSE: 0	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
<hr/> OBSERVATIONS			
Kidney	Glomerulus Tubule Tubule	Atrophy, Nos Cast, Nos Dilatation, Nos Inflammation, Nos Congestion, Nos	
Liver	Portal Tract	Lymphocytic Inflammatory Infiltrate	
Lung	Bronchus	Bronchiectasis Congestion, Nos Emphysema, Nos Hemorrhage Hyperplasia, Nos Inflammation, Nos Inflammation, Nos	
	Bronchus	Lymphocytic Inflammatory Infiltrate	
Pituitary gland	Bronchus	Adenoma, Nos Hemorrhage	
Trachea		Hyperplasia, Atypical Lymphocytic Inflammatory Infiltrate	
<hr/> PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_124	TRT#: 4 DOSE: 0	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
<hr/>			
OBSERVATIONS			
Lung		Abscess, Nos	
	Bronchus	Bronchiectasis	
		Congestion, Nos	
		Emphysema, Nos	
		Fibrosis	
		Hemorrhage	
		Hyperplasia, Atypical	
	Bronchus	Inflammation, Nos	
		Inflammation, Nos	
	Bronchus	Lymphocytic Inflammatory Infiltrate	
		Metaplasia, Squamous	
		Necrosis, Nos	
Trachea		Hyperplasia, Nos	
		Lymphocytic Inflammatory Infiltrate	
<hr/>			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_125

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver	Hepatic Sinusoid	Congestion, Nos Cytoplasmic Vacuolization
Lung	Bronchus	Bronchiectasis Edema, Nos Emphysema, Nos Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate Metaplasia, Squamous
Trachea		Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_127

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Emphysema, Nos Fibrosis Hemorrhage Hyperplasia, Nos
	Bronchus Pleura Nos	Inflammation, Nos Inflammation, Nos Inflammation, Nos
Trachea	Bronchus	Lymphocytic Inflammatory Infiltrate Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_128

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Tubule	Degeneration, Nos
Liver		Congestion, Nos
		Fibrosis
	Bile Duct	Hyperplasia, Nos
		Inflammation, Focal
Lung		Abscess, Nos
	Bronchus	Bronchiectasis
		Congestion, Nos
		Edema, Nos
		Emphysema, Nos
		Hemorrhage
		Hyperplasia, Atypical
		Hyperplasia, Nos
	Bronchus	Inflammation, Nos
	Pleura Nos	Inflammation, Nos
		Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
Trachea		Hyperplasia, Atypical
		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_129

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Tubule	Cast, Nos
	Tubule	Degeneration, Nos
Liver		Angiectasis
	Hepatic Sinusoid	Congestion, Nos
Lung		Abscess, Nos
	Bronchus	Bronchiectasis
		Emphysema, Nos
		Fibrosis
		Hemorrhage
		Hyperplasia, Atypical
		Hyperplasia, Nos
		Hyperplasia, Papillary
	Bronchus	Inflammation, Nos
		Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
Trachea		Hyperplasia, Nos
		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_130

TRT#: 4
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Congestion, Nos Emphysema, Nos Hemorrhage Hyperplasia, Atypical Hyperplasia, Nos Inflammation, Nos Lymphocytic Inflammatory Infiltrate
	Bronchus	Necrosis, Nos
	Bronchus	Necrosis, Nos
Trachea		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_132

TRT#: 4
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Meninges	Inflammation, Nos
Lung	Bronchus	Bronchiectasis
		Emphysema, Nos
		Fibrosis
		Hemorrhage
		Hyperplasia, Nos
		Inflammation, Granulomatous
		Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
		Sclerosis
Trachea		Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_133

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Bronchus

Bronchiectasis
Congestion, Nos
Hemorrhage
Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_134

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Glomerulus	Atrophy, Nos
	Tubule	Degeneration, Nos
Liver		Degeneration, Nos
Lung	Bronchus	Abscess, Nos
		Bronchiectasis
		Congestion, Nos
		Edema, Nos
		Emphysema, Nos
		Fibrosis
		Hemorrhage
		Hyperplasia, Nos
	Bronchus	Inflammation, Nos
	Pleura Nos	Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
		Sclerosis
Trachea		Lymphocytic Inflammatory Infiltrate
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_136

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Abscess, Nos
	Bronchus	Bronchiectasis
		Edema, Nos
		Fibrosis
		Hyperplasia, Nos
	Bronchus	Inflammation, Nos
		Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
		Necrosis, Nos
Trachea		Hyperplasia, Nos
		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_137

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Tubule	Cast, Nos
	Tubule	Cyst, Nos
	Tubule	Dilatation, Nos
		Lymphocytic Inflammatory Infiltrate
		Necrosis, Nos
Liver		Distention
Lung	Bronchus	Bronchiectasis
		Edema, Nos
		Hemorrhage
	Bronchus	Inflammation, Nos
		Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
	Bronchus	Metaplasia, Osseous
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_138

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Inflammation, Interstitial
Liver		Congestion, Nos
	Portal Tract	Lymphocytic Inflammatory Infiltrate
		Abscess, Nos
Lung	Bronchus	Bronchiectasis
		Congestion, Nos
		Edema, Nos
		Emphysema, Nos
		Hemorrhage
		Hyperplasia, Atypical
		Sclerosis
Unspecified	Multiple Organs Nos	Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_140

TRT#: 4
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Oral mucosa

Mouth Nos

Keratoacanthoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_143

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Tubule	Degeneration, Nos
Liver		Congestion, Nos
Lung		Congestion, Nos
		Edema, Nos
		Emphysema, Nos
		Fibrosis
		Hemorrhage
	Bronchus	Inflammation, Nos
	Pleura Nos	Inflammation, Nos
		Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
		Sclerosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_144

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Necrosis, Nos
Lung		Atelectasis
		Congestion, Nos
		Edema, Nos
	Bronchus	Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_150

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Tubule	Degeneration, Nos
Liver		Amyloidosis
Lung	Bronchus	Abscess, Nos
		Bronchiectasis
		Congestion, Nos
		Edema, Nos
		Emphysema, Nos
		Fibrosis
		Hemorrhage
Trachea	Bronchus	Lymphocytic Inflammatory Infiltrate
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_152

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Tubule	Inflammation, Interstitial Nephrosis, Hemoglobinuric
Liver	Hepatic Sinusoid	Congestion, Nos
Lung	Bronchus	Bronchiectasis
	Alveolar Epithelium	Cell-Shape Alteration Edema, Nos
	Bronchus	Hyperplasia, Nos Hyperplasia, Nos
	Bronchus	Inflammation, Nos Inflammation, Nos Lymphoma, Nos-Malignant
Trachea		Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_153

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Abscess, Nos
	Bronchus	Bronchiectasis
		Congestion, Nos
		Emphysema, Nos
		Hemorrhage
		Hyperplasia, Atypical
	Bronchus	Lymphocytic Inflammatory Infiltrate
Trachea		Lymphocytic Inflammatory Infiltrate
Unspecified	Chest	Fibroma
	Multiple Organs Nos	Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_154

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Congestion, Nos Edema, Nos Fibrosis Hemorrhage
	Bronchus Pleura Nos	Inflammation, Nos Inflammation, Nos Inflammation, Nos
Trachea	Bronchus	Lymphocytic Inflammatory Infiltrate Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_158

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Congestion, Nos Edema, Nos Emphysema, Nos Hemorrhage Hyperplasia, Atypical
	Bronchus	Inflammation, Nos Inflammation, Nos
Trachea	Bronchus	Lymphocytic Inflammatory Infiltrate Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_159

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis
	Bronchus	Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
Trachea		Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_161

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Inflammation, Acute Focal
Liver		Perivasculitis
Lung	Bronchus	Bronchiectasis
		Congestion, Nos
		Edema, Nos
		Hyperplasia, Nos
	Pleura Nos	Inflammation, Necrotizing
	Bronchus	Lymphocytic Inflammatory Infiltrate
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_162

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Atypia, Nos
	Bronchus	Bronchiectasis
	Alveoli	Degeneration, Hyaline
	Bronchiole	Degeneration, Hyaline
	Bronchus	Hyperplasia, Nos
	Pleura Nos	Inflammation, Necrotizing
	Bronchus	Inflammation, Nos
		Inflammation, Nos
		Lymphoma, Nos-Malignant
Trachea		Hyperplasia, Nos
		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_164

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Congestion, Nos
Fibrosis

Pleura Nos

Inflammation, Nos
Inflammation, Nos
Hyperplasia, Nos

Trachea

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_165

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver	Portal Tract	Lymphocytic Inflammatory Infiltrate Metamorphosis, Fatty
Lung	Bronchus	Bronchiectasis Congestion, Nos Edema, Nos Emphysema, Nos Hemorrhage Hyperplasia, Nos
	Bronchus	Inflammation, Nos Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate Sclerosis
Trachea		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_166

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Dilatation, Nos Inflammation, Interstitial
Liver		Congestion, Nos Lymphocytic Inflammatory Infiltrate
Lung	Bronchus	Bronchiectasis Congestion, Nos Foam-Cell Hemorrhage Hyperplasia, Nos
	Bronchus	Inflammation, Nos Inflammation, Nos
Trachea	Bronchus	Lymphocytic Inflammatory Infiltrate Hyperplasia, Nos Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_171

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver	Hepatic Sinusoid	Congestion, Nos
Lung	Bronchus	Bronchiectasis
		Emphysema, Nos
		Hyperplasia, Nos
	Bronchus	Inflammation, Nos
		Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_173

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Skin

Metamorphosis, Fatty

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_174

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Congestion, Nos

Edema, Nos

Foam-Cell

Bronchus

Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_179

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Liver
Lung

Hepatic Sinusoid
Bronchus

Nephrosis, Hydro
Congestion, Nos
Bronchiectasis
Edema, Nos
Hemorrhage
Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_180

TRT#: 4
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Congestion, Nos Hyperplasia, Nos
	Pleura Nos	Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_182

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Cortex Tubule	Cyst, Nos Dilatation, Nos Inflammation, Interstitial Necrosis, Nos
Liver		Cytoplasmic Vacuolization Distention
Lung	Bronchus Bronchus Bronchus	Bronchiectasis Edema, Nos Hyperplasia, Nos Inflammation, Nos Inflammation, Nos Lymphoma, Nos-Malignant
Trachea	Bronchus	Metaplasia, Squamous Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_183

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Congestion, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
Unspecified	Mediastinum Nos	Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_185

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Degeneration, Nos
Lung	Bronchus	Bronchiectasis
		Congestion, Nos
		Edema, Nos
		Fibrosis
		Hemorrhage
	Bronchus	Inflammation, Nos
	Pleura Nos	Inflammation, Nos
		Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
Trachea		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_186

TRT#: 4
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Alveolar Epithelium
Alveoli
Bronchus

Cell-Shape Alteration
Inflammation, Nos
Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_187

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis
	Bronchus	Hyperplasia, Nos
		Inflammation, Nos
Trachea	Bronchus	Lymphocytic Inflammatory Infiltrate
		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_189

TRT#: 4
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Tubule	Degeneration, Nos
Liver		Congestion, Nos
Lung	Bronchus	Bronchiectasis
		Congestion, Nos
	Bronchiole	Distention
		Edema, Nos
		Emphysema, Nos
		Fibrosis
		Hyperplasia, Atypical
		Hyperplasia, Nos
		Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
	Bronchus	Necrosis, Nos
		Sclerosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_192

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Inflammation, Interstitial
Liver		Congestion, Nos Hyperplasia, Nos
	Portal Tract	Lymphocytic Inflammatory Infiltrate Necrosis, Nos
Lung		Congestion, Nos Edema, Nos Fibrosis Hemorrhage Hyperplasia, Nos
	Bronchus	Inflammation, Nos
	Pleura Nos	Inflammation, Nos
		Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
Trachea		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_194

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Inflammation, Interstitial
Lung	Bronchus	Bronchiectasis Congestion, Nos Edema, Nos
Trachea	Bronchus	Lymphocytic Inflammatory Infiltrate Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_195

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Edema, Nos
	Bronchus	Inflammation, Nos Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
Trachea	Bronchus	Metaplasia, Squamous Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_196

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Inflammation, Acute
Liver	Hepatic Sinusoid	Congestion, Nos
Lung	Bronchus	Abscess, Nos
	Bronchus	Bronchiectasis
		Congestion, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
Pituitary gland		Hemorrhage
Trachea		Lymphocytic Inflammatory Infiltrate
Unspecified	Multiple Organs Nos	Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_199

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Abscess, Nos
	Bronchus	Bronchiectasis
		Edema, Nos
		Emphysema, Nos
		Hemorrhage
	Bronchus	Inflammation, Nos
	Pleura Nos	Inflammation, Nos
		Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_200

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Congestion, Nos Foam-Cell
	Bronchus	Inflammation, Nos
	Bronchiole	Inflammation, Obliterative Inflammation, With Fibrosis Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_201

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Tubule	Degeneration, Nos
Liver	Kupffer Cell	Congestion, Nos Hyperplasia, Nos Metamorphosis, Fatty
Lung	Bronchus	Abscess, Nos Bronchiectasis Congestion, Nos Emphysema, Nos Fibrosis Hemorrhage
	Bronchus	Inflammation, Nos
	Pleura Nos	Inflammation, Nos
	Bronchus	Inflammation, Nos
Trachea	Bronchus	Lymphocytic Inflammatory Infiltrate Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_203

TRT#: 4
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Edema, Nos Foam-Cell Inflammation, Granulomatous
	Alveoli	Inflammation, Granulomatous
	Bronchiole	Lymphocytic Inflammatory Infiltrate
	Bronchus	Perivasculitis
Trachea		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_207

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Fibrosis
Lung		Atelectasis
	Bronchus	Bronchiectasis
		Fibrosis
		Hyperplasia, Nos
	Bronchus	Inflammation, Nos
		Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
Trachea		Inflammation, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_210

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Pyelonephritis, Nos
Lung	Bronchus	Bronchiectasis
		Congestion, Nos
		Inflammation, Interstitial
	Pleura Nos	Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
Trachea		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH -

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_212

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Edema, Nos Emphysema, Nos Hyperplasia, Atypical
	Bronchus	Inflammation, Nos Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate Metaplasia, Squamous Hyperplasia, Nos
Trachea		

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_213

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Abscess, Nos
	Pleura Nos	Adhesion, Nos
	Bronchus	Bronchiectasis
	Pleura Nos	Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_214

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Atrophy, Nos Degeneration, Hyaline
	Glomerulus	Dilatation, Nos Dilatation, Nos Cytoplasmic Vacuolization
Liver		Bronchiectasis
Lung	Bronchus	Foam-Cell
	Bronchus	Hyperplasia, Atypical Hyperplasia, Nos Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
	Bronchus	Metaplasia, Squamous
Trachea		Hyperplasia, Nos Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_215

TRT#: 4
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Calcification, Nos
Lung	Edema, Nos
Bronchus	Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_219

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Congestion, Nos Emphysema, Nos Hemorrhage
	Bronchus	Inflammation, Nos Inflammation, Nos
Trachea	Bronchus	Lymphocytic Inflammatory Infiltrate Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_220

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Atelectasis
	Bronchus	Bronchiectasis
		Congestion, Nos
		Emphysema, Nos
	Alveoli	Foam-Cell
		Hyperplasia, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
		Scar
Trachea		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_221

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Congestion, Nos
		Edema, Nos
	Alveoli	Foam-Cell
	Bronchus	Lymphocytic Inflammatory Infiltrate
Trachea		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_222

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Congestion, Nos Fibrosis
	Bronchus	Inflammation, Nos
	Pleura Nos	Inflammation, Nos
		Inflammation, Nos
Trachea	Bronchus	Lymphocytic Inflammatory Infiltrate
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_224

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Congestion, Nos
	Kupffer Cell	Hyperplasia, Nos
Lung	Alveolar Epithelium	Cell-Shape Alteration
	Pleura Nos	Inflammation, Nos
		Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_227

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Congestion, Nos Degeneration, Hyaline
Lung	Bronchus	Leukocytosis, Nos Lymphocytic Inflammatory Infiltrate
Unspecified	Mediastinum Nos	Lymphoma, Nos-Malignant Fibroma Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_228

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Congestion, Nos Edema, Nos Emphysema, Nos Hemorrhage
	Bronchus	Hyperplasia, Nos
	Bronchus	Inflammation, Nos
	Bronchus	Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
Trachea	Bronchus	Metaplasia, Squamous Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_229

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Congestion, Nos Edema, Nos Hemorrhage Hyperplasia, Nos Inflammation, Nos
Trachea	Bronchus	Lymphocytic Inflammatory Infiltrate Hyperplasia, Nos Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_230

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart		Inflammation, Nos
Lung		Congestion, Nos
		Edema, Nos
		Hemorrhage
		Hyperplasia, Nos
	Pleura Nos	Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
Trachea		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_231

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Congestion, Nos Edema, Nos Hemorrhage Hyperplasia, Atypical Hyperplasia, Nos
	Bronchus	Inflammation, Nos Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate Necrosis, Nos
Trachea		Hyperplasia, Atypical Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_232

TRT#: 4
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Bronchiectasis Congestion, Nos Emphysema, Nos Hemorrhage Hyperplasia, Atypical Hyperplasia, Papillary Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate Metaplasia, Osseous
Trachea		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_233

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Pleura Nos
Bronchus
Pleura Nos

Adhesion, Nos
Bronchiectasis
Inflammation, Nos
Leukocytosis, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_235

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Nephrosis, Nos
Lung		Abscess, Nos
	Bronchus	Bronchiectasis
		Congestion, Nos
		Edema, Nos
		Emphysema, Nos
		Fibrosis
	Bronchus	Inflammation, Nos
	Pleura Nos	Inflammation, Nos
		Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
Pituitary gland		Adenoma, Nos
		Hemorrhage
Trachea		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_239

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Angiectasis
Lung		Edema, Nos
		Inflammation, Focal
		Leukocytosis, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
Unspecified	Abdomen	Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06984
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/Sprague Dawley

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Polyurethane
CAS Number: 9009-54-5

Date Report Requested: 10/26/2014
Time Report Requested: 10:49:40
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_240

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Calcification, Nos
	Tubule	Degeneration, Nos
Liver		Hepatocellular Carcinoma
Lung		Abscess, Nos
		Congestion, Nos
		Edema, Nos
		Emphysema, Nos
		Fibrosis
		Hemorrhage
	Bronchus	Inflammation, Nos
		Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
Lymph node	Hilar Lymph Node	Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

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**** END OF REPORT ****