

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**First Dose M/F:** NA / NA  
**Lab:** NA

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

**Experiment Number:** C06984

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyurethane

**CAS Number:** 9009-54-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 15:10:11

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_001

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 003.6 MG/M3

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Kidney

Tubule

Atrophy, Nos

Calcification, Nos

Tubule

Dilatation, Nos

Trachea

Lymphocytic Inflammatory Infiltrate

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyurethane

**CAS Number:** 9009-54-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 15:10:11

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_002

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 003.6 MG/M3

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Liver		Hematopoiesis
		Hemorrhage
Lung		Edema, Nos
		Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
Lymph node	Pretracheal Lymph Node	Cyst, Nos
	Pretracheal Lymph Node	Dilatation, Nos
Trachea		Lymphocytic Inflammatory Infiltrate

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyurethane

**CAS Number:** 9009-54-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 15:10:11

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_006

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 003.6 MG/M3

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Kidney	Tubule	Calcification, Nos Inflammation, Interstitial
Lung Unspecified	Multiple Organs Nos	Hyperplasia, Nos Lymphoma, Histiocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_008

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 003.6 MG/M3

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Trachea

Lymphocytic Inflammatory Infiltrate

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_009

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 003.6 MG/M3

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Lung

Congestion, Nos

---

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_010

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 003.6 MG/M3

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Lung

Hemorrhage

---

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_012

**TRT#:** 1  
**DOSE:** 003.6 MG/M3

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung

Congestion, Nos  
Hemorrhage

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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

Congestion, Nos  
Hyperplasia, Nos

Bronchus

Lymphocytic Inflammatory Infiltrate

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_015

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 003.6 MG/M3

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Lung

Edema, Nos

Emphysema, Nos

Lymphocytic Inflammatory Infiltrate

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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**

Lung

Congestion, Nos  
Hemorrhage

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_018

**TRT#:** 1  
**DOSE:** 003.6 MG/M3

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung

Edema, Nos  
Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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**

Liver	Cytoplasmic Vacuolization
Lung	Inflammation, Nos
	Lymphocytic Inflammatory Infiltrate
	Metaplasia, Broncho-Alveolar
Skin	Edema, Nos
Trachea	Lymphocytic Inflammatory Infiltrate

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_020

**TRT#:** 1  
**DOSE:** 003.6 MG/M3

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney

Tubule

Cast, Nos

Tubule

Dilatation, Nos

Lung

Bronchus

Inflammation, Nos

Lymphangiectasis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_021

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 003.6 MG/M3

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Lung

Congestion, Nos

Bronchus

Lymphocytic Inflammatory Infiltrate

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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

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:** Hamsters/Syrian Golden

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_024

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 003.6 MG/M3

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Lung

Hemorrhage

---

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_025

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 003.6 MG/M3

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Lung

Emphysema, Nos

---

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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

Congestion, Nos  
Hemorrhage

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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**

Liver	Congestion, Nos Cyst, Nos
Lung	Inflammation, Nos Cyst, Nos
Trachea	Metaplasia, Broncho-Alveolar Cyst, Nos

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_029

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 003.6 MG/M3

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Liver

Congestion, Nos

Lung

Cyst, Nos

Edema, Nos

Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_030

**TRT#:** 1  
**DOSE:** 003.6 MG/M3

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lymph node

Lymphatics Of Lung

Distention

---

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_032

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 003.6 MG/M3

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Lung

Congestion, Nos

Foam-Cell

Hemorrhage

Hyperplasia, Nos

Bronchus

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:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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**

Liver

Congestion, Nos  
Cyst, Nos  
Hemorrhage

Lung

Congestion, Nos  
Edema, Nos  
Hemorrhage

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_035

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 003.6 MG/M3

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Lung

Congestion, Nos

Fibrosis

Hemorrhage

Pleura Nos

Hypertrophy, Nos

Bronchial Lymph Node

Cyst, Nos

Lymph node

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_036

**TRT#:** 1  
**DOSE:** 003.6 MG/M3

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung		Congestion, Nos
		Hyperplasia, Alveolar Epithelium
Lymph node	Lymphatics Of Lung	Distention

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_039

**TRT#:** 1  
**DOSE:** 003.6 MG/M3

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung

Edema, Nos  
Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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

Congestion, Nos

Edema, Nos

Hemorrhage

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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

Congestion, Nos

Edema, Nos

Hemorrhage

Bronchus

Lymphocytic Inflammatory Infiltrate

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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**

Liver	Congestion, Nos Cytoplasmic Vacuolization Hemorrhage
Lung	Lymphocytic Inflammatory Infiltrate Congestion, Nos Inflammation, Nos
Lymph node	Hemorrhage
Skin	Edema, Nos

---

**PRIMARY CAUSE OF DEATH** -

---

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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

Alveoli

Edema, Nos

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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**

Kidney  
Liver  
Lung  
Unspecified

Multiple Organs Nos

Atrophy, Focal  
Emphysema, Nos  
Emphysema, Nos  
Leukemia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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**

Liver

Congestion, Nos  
Cyst, Nos  
Hemorrhage

Lung

Necrosis, Nos  
Edema, Nos  
Emphysema, Nos

---

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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**

Liver		Amyloidosis
Lung	Bronchiole	Distention
		Edema, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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**

Lung	Bronchiole	Distention Lymphocytic Inflammatory Infiltrate
------	------------	---

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_009

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 036.0 MG/M3

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Lung

Emphysema, Nos

---

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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**

Kidney  
Lung

Pheochromocytoma, Metastatic  
Congestion, Nos  
Edema, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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**

Liver		Cyst, Nos
Trachea		Hemorrhage
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
		Leukemia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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	Bronchus	Atypia, Nos Congestion, Nos Edema, Nos
	Alveoli	Foam-Cell Inflammation, Nos
	Bronchiole	Inflammation, Obliterative

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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

Leukocytosis, Nos

---

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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

Bronchiole

Congestion, Nos  
Distention  
Edema, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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**

Lung

Bronchiole

Distention  
Edema, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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**

Lung	Bronchiole	Distention
		Edema, Nos
	Alveoli	Foam-Cell
		Phagocytic Cell
Lymph node		Phagocytic Cell

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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**

Kidney		Atrophy, Nos
	Tubule	Dilatation, Nos
		Inflammation, Interstitial
Liver		Hemorrhage
Trachea		Lymphocytic Inflammatory Infiltrate

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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**

Kidney

Tubule

Amyloidosis  
Dilatation, Nos  
Inflammation, Interstitial  
Inflammation, Nos

Peritoneum

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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**

Liver		Amyloidosis
Lung	Bronchiole	Distention Edema, Nos Hemorrhage
Salivary gland		Inflammation, Chronic
Skin		Edema, Nos Inflammation, Chronic Necrosis, Nos
Trachea		Lymphocytic Inflammatory Infiltrate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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**

Lung

Congestion, Nos  
Edema, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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

Phagocytic Cell

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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**

Liver		Congestion, Nos Cytoplasmic Vacuolization
Lung	Alveolar Epithelium Bronchiole	Atypia, Nos Inflammation, Obliterative Metaplasia, Broncho-Alveolar

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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**

Liver		Amyloidosis
		Cyst, Nos
Lung	Alveoli	Fibrosis
	Bronchus	Inflammation, Nos
		Inflammation, Nos
	Bronchiole	Inflammation, Obliterative

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C06984

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyurethane

**CAS Number:** 9009-54-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 15:10:11

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_029

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 036.0 MG/M3

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Intestine Large  
Lung

Intestinal Tract

Hemorrhage  
Edema, Nos  
Inflammation, Focal  
Lymphocytic Inflammatory Infiltrate  
Phagocytic Cell  
Dilatation, Nos

Bronchus

Trachea

Gland

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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		Edema, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
Trachea		Lymphocytic Inflammatory Infiltrate

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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**

Liver  
Lung

Phagocytic Cell  
Phagocytic Cell

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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**

Kidney	Tubule	Atrophy, Focal
	Tubule	Cast, Nos
	Tubule	Degeneration, Hyaline
	Tubule	Dilatation, Nos
Liver		Metaplasia, Squamous
		Degeneration, Hyaline
		Phagocytic Cell
Lung	Bronchus	Lymphocytic Inflammatory Infiltrate
Unspecified		Edema, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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

Hemorrhage

Bronchus

Lymphocytic Inflammatory Infiltrate

Metaplasia, Osseous

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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**

Lung

Bronchiole

Distention  
Edema, Nos  
Hemorrhage

Spleen

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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**

Liver	Congestion, Nos Cytoplasmic Vacuolization Hemorrhage
Lung	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:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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**

Liver	Congestion, Nos Cytoplasmic Vacuolization Hemorrhage
Lung	Necrosis, Nos Leukocytosis, Nos
Trachea	Lymphocytic Inflammatory Infiltrate

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_038

**TRT#:** 2  
**DOSE:** 036.0 MG/M3

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung	Alveolar Epithelium	Cell-Shape Alteration Inflammation, Focal
	Pleura Nos	Inflammation, Necrotizing
	Bronchus	Inflammation, Nos
		Inflammation, Nos
Unspecified	Mediastinum Nos	Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C06984

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyurethane

**CAS Number:** 9009-54-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 15:10:11

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_040

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 036.0 MG/M3

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Liver

Congestion, Nos

Lung

Congestion, Nos

Unspecified

Multiple Organs Nos

Leukemia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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

Emphysema, Nos  
Leukocytosis, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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

Bronchiectasis  
Edema, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyurethane

**CAS Number:** 9009-54-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 15:10:11

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_004

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 020.0 MG/M3

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Liver

Lung

Skin

Amyloidosis

Congestion, Nos

Edema, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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**

Kidney	Tubule	Degeneration, Hyaline
	Tubule	Dilatation, Nos
Lung	Alveolar Epithelium	Atypia, Nos
		Edema, Nos
		Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_006

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 020.0 MG/M3

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Lung

Leukocytosis, Nos

---

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_007

**TRT#:** 3  
**DOSE:** 020.0 MG/M3

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung

Inflammation, Focal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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

Alveolar Epithelium

Atypia, Nos  
Congestion, Nos  
Edema, Nos  
Inflammation, Nos

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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**

Liver

Congestion, Nos

Cyst, Nos

Hemorrhage

Bile Duct

Hyperplasia, Nos

Lung

Edema, Nos

Inflammation, Nos

Unspecified

Edema, Nos

---

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_010

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 020.0 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:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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

Alveolar Epithelium  
Bronchus

Atypia, Nos  
Inflammation, Nos  
Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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**

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

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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

Edema, Nos

---

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_014

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 020.0 MG/M3

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Lung

Congestion, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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**

Intestine Large

Intestinal Tract  
Intestinal Tract

Abscess, Nos  
Necrosis, Nos  
Amyloidosis, Focal  
Congestion, Nos  
Cytoplasmic Vacuolization  
Lymphocytic Inflammatory Infiltrate  
Congestion, Nos  
Distention  
Edema, Nos

Liver

Lung

Bronchiole

Skin

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_016

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 020.0 MG/M3

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Lung		Edema, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
Trachea		Lymphocytic Inflammatory Infiltrate
Unspecified	Back	Fibroma

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_017

**TRT#:** 3  
**DOSE:** 020.0 MG/M3

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung

Hemorrhage  
Leukocytosis, Nos  
Lymphocytic Inflammatory Infiltrate

Bronchus

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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

Emphysema, Nos

---

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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**

Liver	Hepatic Sinusoid	Congestion, Nos Cytoplasmic Vacuolization Hematopoiesis Hemorrhage Lymphocytic Inflammatory Infiltrate
Lung	Bronchus	Edema, Nos Inflammation, Nos Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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**

Kidney	Tubule	Atrophy, Nos
	Tubule	Cast, Nos
	Tubule	Degeneration, Hyaline
	Tubule	Dilatation, Nos
		Inflammation, Focal
Lung	Bronchus	Bronchiectasis
		Lymphocytic Inflammatory Infiltrate
		Metaplasia, Broncho-Alveolar
Trachea	Gland	Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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**

Lung		Congestion, Nos
		Edema, Nos
	Bronchus	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:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyurethane

**CAS Number:** 9009-54-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 15:10:11

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_023

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 020.0 MG/M3

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Lung

Alveolar Epithelium

Atypia, Nos

Alveolar Epithelium

Cell-Shape Alteration

Inflammation, Nos

Bronchiole

Inflammation, Obliterative

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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

Edema, Nos  
Emphysema, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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

Bronchiole

Congestion, Nos  
Distention  
Edema, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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**

Adrenal gland		Pheochromocytoma, Malignant
Kidney		Atrophy, Focal
	Tubule	Cast, Nos
	Tubule	Degeneration, Hyaline
	Tubule	Dilatation, Nos
		Pheochromocytoma, Invasive
Liver		Abscess, Nos
		Congestion, Nos
		Hemorrhage
Lung		Leukemia, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyurethane

**CAS Number:** 9009-54-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 15:10:11

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_027

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 020.0 MG/M3

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Intestine Large  
Lung

Intestinal Tract

Hemorrhage

Atypia, Nos

Alveolar Epithelium

Hemorrhage

Bronchiole

Inflammation, Obliterative

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyurethane

**CAS Number:** 9009-54-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 15:10:11

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_028

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 020.0 MG/M3

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Kidney

Tubule

Tubule

Tubule

Lung

Pheochromocytoma

Atrophy, Nos

Cast, Nos

Degeneration, Hyaline

Dilatation, Nos

Congestion, Nos

Hyperplasia, Focal

Lymphocytic Inflammatory Infiltrate

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyurethane

**CAS Number:** 9009-54-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 15:10:11

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_029

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 020.0 MG/M3

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Kidney

Liver

Lung

Lymph node

Tubule

Portal Tract

Bronchus

Mesenteric Lymph Node

Pheochromocytoma, Malignant

Dilatation, Nos

Glomerulonephritis, Nos

Cytoplasmic Vacuolization

Lymphocytic Inflammatory Infiltrate

Bronchiectasis

Emphysema, Nos

Pheochromocytoma, Metastatic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyurethane

**CAS Number:** 9009-54-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 15:10:11

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_030

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 020.0 MG/M3

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Kidney

Tubule

Calcification, Nos

Lung

Congestion, Nos

Hemorrhage

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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:**

---

**OBSERVATIONS**

Lung

Congestion, Nos  
Edema, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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**

Lung

Bronchiole

Distention  
Phagocytic Cell

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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**

Kidney	Tubule	Atrophy, Nos
	Tubule	Degeneration, Hyaline
		Dilatation, Nos
		Neuroblastoma
Liver		Cytoplasmic Vacuolization
		Degeneration, Hyaline
	Bile Duct	Hyperplasia, Nos
Lung		Hemorrhage
		Hyperplasia, Focal
Skin		Acariasis
		Edema, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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**

Kidney  
Unspecified

Glomerulus  
Multiple Organs Nos

Degeneration, Hyaline  
Leukemia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_035

**TRT#:** 3  
**DOSE:** 020.0 MG/M3

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver	Congestion, Nos Hamartoma Hemorrhage
Lung	Necrosis, Nos Congestion, Nos Hemorrhage Inflammation, Nos
Bronchiole	Inflammation, Obliterative

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_036

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 020.0 MG/M3

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Lung

Leukocytosis, Nos

---

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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

Congestion, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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

Bronchiole

Distention

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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	Alveoli	Hemorrhage Inflammation, Chronic
------	---------	-------------------------------------

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C06984

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyurethane

**CAS Number:** 9009-54-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 15:10:11

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_040

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 020.0 MG/M3

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Lung

Alveolar Epithelium

Atypia, Nos

Congestion, Nos

Inflammation, Nos

Bronchiole

Inflammation, Obliterative

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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

Hemorrhage

---

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_042

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 020.0 MG/M3

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Lung

Lymphocytic Inflammatory Infiltrate

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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

Hemorrhage  
Inflammation, Focal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_045

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 020.0 MG/M3

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Lung

Congestion, Nos

Hemorrhage

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:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_046

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 020.0 MG/M3

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Lung

Edema, Nos

Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_047

**TRT#:** 3  
**DOSE:** 020.0 MG/M3

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung

Congestion, Nos  
Edema, Nos  
Hemorrhage

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_048

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 020.0 MG/M3

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Kidney

Inflammation, Interstitial

Liver

Congestion, Nos

Trachea

Gland

Cyst, Nos

Dilatation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyurethane

**CAS Number:** 9009-54-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 15:10:11

**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

Emphysema, Nos

Necrosis, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_004

**TRT#:** 4  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney

Calcification, Nos

Liver

Degeneration, Nos

Lung

Necrosis, Nos

Congestion, Nos

Edema, Nos

Emphysema, Nos

Hemorrhage

Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyurethane

**CAS Number:** 9009-54-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 15:10:11

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_007

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Glomerulus

Atrophy, Nos

Tubule

Degeneration, Hyaline

Tubule

Degeneration, Nos

Liver

Metamorphosis, Fatty

Necrosis, Nos

Lung

Congestion, Nos

Emphysema, Nos

Fibrosis

Hyperplasia, Nos

Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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:**

---

**OBSERVATIONS**

Lung

Bronchiole

Congestion, Nos

Distention

Emphysema, Nos

Hemorrhage

Bronchus

Inflammation, Nos

Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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**

Lung		Congestion, Nos
	Bronchiole	Distention
	Bronchus	Emphysema, 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:** Hamsters/Syrian Golden

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_011

**TRT#:** 4  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Trachea

Hyperplasia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_012

**TRT#:** 4  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung		Hemorrhage
	Bronchus	Inflammation, Nos
		Inflammation, With Fibrosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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**

Lung

Edema, Nos  
Emphysema, Nos  
Hemorrhage  
Inflammation, Nos  
Inflammation, Nos

Bronchus

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyurethane

**CAS Number:** 9009-54-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 15:10:11

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_017

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Kidney

Tubule

Calcification, Nos

Tubule

Degeneration, Hyaline

Tubule

Dilatation, Nos

Lung

Alveolar Epithelium

Atypia, Nos

Congestion, Nos

Edema, Nos

Inflammation, Nos

Bronchiole

Inflammation, Obliterative

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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**

Kidney  
Liver  
Lung

Necrosis, Nos  
Necrosis, Nos  
Edema, Nos  
Emphysema, Nos  
Hemorrhage  
Necrosis, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_019

**TRT#:** 4  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung

Congestion, Nos  
Edema, Nos  
Hemorrhage  
Hyperplasia, Nos  
Inflammation, Nos  
Necrosis, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyurethane

**CAS Number:** 9009-54-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 15:10:11

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_020

**TRT#:** 4

**DOSE:** 0

**SEX:** Male

**DISP:** Natural Death

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Lung

Congestion, Nos

Emphysema, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_021

**TRT#:** 4  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung

Congestion, Nos  
Emphysema, Nos  
Hyperplasia, Nos  
Inflammation, Nos

Bronchus

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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**

Lung

Bronchus

Bronchiectasis  
Congestion, Nos  
Edema, Nos  
Emphysema, Nos  
Hemorrhage  
Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyurethane

**CAS Number:** 9009-54-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 15:10:11

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_027

**TRT#:** 4

**DOSE:** 0

**SEX:** Male

**DISP:** Natural Death

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Lung

Congestion, Nos

Edema, Nos

Hemorrhage

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_028

**TRT#:** 4  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Calcification, Nos Degeneration, Hyaline Dilatation, Nos
Liver	Centrilobular	Congestion, Nos Cytoplasmic Vacuolization
Lung	Alveoli	Atypia, Nos Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyurethane

**CAS Number:** 9009-54-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 15:10:11

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_029

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Kidney

Cast, Nos

Cyst, Nos

Liver

Tubule

Dilatation, Nos

Congestion, Nos

Lung

Bile Duct

Cyst, Nos

Fibrosis

Congestion, Nos

Hemorrhage

Hyperplasia, Nos

Inflammation, Nos

Trachea

Hyperplasia, Papillary

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_030

**TRT#:** 4  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung

Bronchus

Bronchiectasis  
Congestion, Nos  
Emphysema, Nos  
Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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 Congestion, Nos Emphysema, Nos Hyperplasia, 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:** Hamsters/Syrian Golden

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_034

**TRT#:** 4  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung

Congestion, Nos  
Edema, Nos  
Hemorrhage  
Inflammation, Nos

Bronchus

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyurethane

**CAS Number:** 9009-54-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 15:10:11

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_035

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Kidney	Glomerulus	Atrophy, Nos
	Tubule	Dilatation, Nos
Liver		Congestion, Nos
		Metamorphosis, Fatty
Lung		Congestion, Nos
	Bronchiole	Distention
		Hyperplasia, Nos
		Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyurethane

**CAS Number:** 9009-54-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 15:10:11

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_039

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Hyperplasia, Nos

Necrosis, Nos

Liver

Congestion, Chronic

Lung

Bronchus

Bronchiectasis

Congestion, Nos

Bronchus

Inflammation, Nos

Bronchus

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:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_040

**TRT#:** 4  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung

Congestion, Nos  
Emphysema, Nos  
Hyperplasia, Nos  
Inflammation, Nos  
Lymphocytic Inflammatory Infiltrate

Trachea

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06984

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyurethane

**CAS Number:** 9009-54-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 15:10:11

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_042

**TRT#:** 4

**DOSE:** 0

**SEX:** Male

**DISP:** Natural Death

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Lung

Congestion, Nos

Emphysema, Nos

Hemorrhage

Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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**

Lung

Bronchus

Congestion, Nos  
Hemorrhage  
Inflammation, Nos  
Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyurethane

**CAS Number:** 9009-54-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 15:10:11

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_044

**TRT#:** 4

**DOSE:** 0

**SEX:** Male

**DISP:** Natural Death

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Lung

Congestion, Nos

Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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

Tubule  
Tubule

Cast, Nos  
Dilatation, Nos  
Hemorrhage  
Perivasculitis  
Leukocytosis, Nos

Liver  
Lung

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C06984

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyurethane

**CAS Number:** 9009-54-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 15:10:11

**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**

Lung

Congestion, Nos

Emphysema, Nos

Necrosis, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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**

Lung

Collapse  
Congestion, Nos  
Emphysema, Nos  
Hyperplasia, Nos  
Hyperplasia, Nos

Trachea

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_050

**TRT#:** 4  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung

Congestion, Nos  
Emphysema, Nos  
Hyperplasia, Nos  
Inflammation, Focal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_051

**TRT#:** 4  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney

Calcification, Nos  
Degeneration, Hyaline  
Congestion, Nos  
Emphysema, Nos  
Inflammation, Nos

Lung

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_053

**TRT#:** 4  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Liver		Congestion, Chronic
	Bile Duct	Cyst, Nos
		Necrosis, Nos
Lung		Emphysema, Nos
		Hemorrhage
		Hyperplasia, Nos
	Bronchus	Inflammation, Nos
		Inflammation, Nos
Trachea		Hyperplasia, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyurethane

**CAS Number:** 9009-54-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 15:10:11

**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

Congestion, Nos

Emphysema, Nos

Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_057

**TRT#:** 4  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung

Bronchus

Bronchiole

Bronchiectasis  
Congestion, Nos  
Distention  
Emphysema, Nos  
Hemorrhage  
Inflammation, Nos

---

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_058

**TRT#:** 4  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

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:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_060

**TRT#:** 4  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver		Angiectasis
		Congestion, Nos
	Hepatic Sinusoid	Inflammation, Nos
		Lymphocytic Inflammatory Infiltrate
Lung		Emphysema, Nos
		Hyperplasia, Nos
Skin	Cheek	Basal-Cell Carcinoma
Trachea		Hyperplasia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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**

Lung

Edema, Nos  
Emphysema, Nos  
Hemorrhage

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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:**

---

**OBSERVATIONS**

Lung

Congestion, Nos  
Emphysema, Nos  
Hemorrhage  
Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyurethane

**CAS Number:** 9009-54-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 15:10:11

**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

Congestion, Nos

Emphysema, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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**

Lung

Leukocytosis, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_073

**TRT#:** 4  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung		Fibrosis
	Bronchiole	Inflammation, Obliterative
		Inflammation, With Fibrosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyurethane

**CAS Number:** 9009-54-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 15:10:11

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_074

**TRT#:** 4

**DOSE:** 0

**SEX:** Male

**DISP:** Natural Death

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Liver		Amyloidosis
Lung		Leukemia, Nos
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:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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

Congestion, Nos  
Emphysema, Nos  
Hemorrhage  
Hyperplasia, Nos  
Necrosis, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_076

**TRT#:** 4  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung

Congestion, Nos  
Emphysema, Nos  
Hemorrhage  
Hyperplasia, Nos  
Necrosis, Nos  
Lymphocytic Inflammatory Infiltrate

Trachea

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_078

**TRT#:** 4  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung

Emphysema, Nos  
Hemorrhage

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyurethane

**CAS Number:** 9009-54-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 15:10:11

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_079

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Liver		Metamorphosis, Fatty
		Necrosis, Nos
Lung	Bronchus	Bronchiectasis
		Congestion, Nos
		Hemorrhage
		Hyperplasia, Nos
	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:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyurethane

**CAS Number:** 9009-54-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 15:10:11

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_080

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Hyaline
	Tubule	Dilatation, Nos
Liver	Bile Duct	Lymphocytic Inflammatory Infiltrate
		Perivascularitis
Lung		Congestion, Nos
		Edema, Interstitial
		Hemorrhage
		Hyperplasia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06984

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyurethane

**CAS Number:** 9009-54-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 15:10:11

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_085

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Intestine Large  
Liver

Cecum, Colon

Hemorrhage  
Congestion, Nos

Fibrosis  
Necrosis, Nos

Lung

Bronchus  
Bronchiole

Bronchiectasis  
Distention  
Emphysema, Nos  
Hyperplasia, Nos  
Hyperplasia, Papillary

Trachea

Bronchus  
Bronchus

Inflammation, Nos  
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:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyurethane

**CAS Number:** 9009-54-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 15:10:11

**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**

Liver	Cytoplasmic Vacuolization
Lung	Congestion, Nos
	Edema, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyurethane

**CAS Number:** 9009-54-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 15:10:11

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_088

**TRT#:** 4

**DOSE:** 0

**SEX:** Male

**DISP:** Natural Death

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Lung

Trachea

Congestion, Nos

Hyperplasia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyurethane

**CAS Number:** 9009-54-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 15:10:11

**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**

Adrenal gland

Kidney

Liver

Lung

Tubule

Cortical Carcinoma

Degeneration, Nos

Congestion, Nos

Congestion, Nos

Cortical Carcinoma, Metastatic

Emphysema, Nos

Hemorrhage

Hyperplasia, Nos

Necrosis, Nos

Hyperplasia, Nos

---

Trachea

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_091

**TRT#:** 4  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung

Bronchiole

Distention  
Emphysema, Nos  
Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_095

**TRT#:** 4  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney		Congestion, Nos
	Glomerulus	Inflammation, Nos
Liver		Necrosis, Nos
		Perivasculitis
Lung		Congestion, Nos
		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:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_102

**TRT#:** 4  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung

Congestion, Nos  
Edema, Nos  
Emphysema, Nos  
Hemorrhage  
Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyurethane

**CAS Number:** 9009-54-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 15:10:11

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_104

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Lung

Edema, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_105

**TRT#:** 4  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung

Congestion, Nos  
Emphysema, Nos  
Hemorrhage  
Inflammation, Nos

---

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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**

Lung

Congestion, Nos  
Emphysema, Nos  
Inflammation, Focal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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**

Lung

Emphysema, Nos  
Hyperplasia, Nos  
Lymphocytic Inflammatory Infiltrate

Bronchus

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyurethane

**CAS Number:** 9009-54-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 15:10:11

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_111

**TRT#:** 4

**DOSE:** 0

**SEX:** Male

**DISP:** Natural Death

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Lung

Emphysema, Nos

Hyperplasia, Nos

Inflammation, Focal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_114

**TRT#:** 4  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung

Congestion, Nos  
Emphysema, Nos  
Fibrosis  
Hyperplasia, Nos  
Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyurethane

**CAS Number:** 9009-54-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 15:10:11

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_119

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Lung

Bronchus  
Bronchiole

Bronchiectasis  
Distention  
Emphysema, Nos  
Hemorrhage  
Hemosiderosis  
Hyperplasia, Nos  
Inflammation, Nos  
Inflammation, Nos  
Lymphocytic Inflammatory Infiltrate  
Hyperplasia, Nos

Trachea

Bronchus

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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**

Lung

Edema, Nos  
Emphysema, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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:**

---

**OBSERVATIONS**

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

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_130

**TRT#:** 4  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney		Degeneration, Hyaline
Liver	Bile Duct	Cyst, Nos Fibrosis
Lung	Bronchus	Bronchiectasis Congestion, Nos Emphysema, Nos Inflammation, Focal
	Bronchus	Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C06984

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyurethane

**CAS Number:** 9009-54-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 15:10:11

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_132

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Lung

Congestion, Nos

Emphysema, Nos

Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_135

**TRT#:** 4  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung

Congestion, Nos  
Emphysema, Nos  
Hyperplasia, Nos  
Hyperplasia, Nos

Trachea

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyurethane

**CAS Number:** 9009-54-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 15:10:11

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_136

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Lung

Bronchus

Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyurethane

**CAS Number:** 9009-54-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 15:10:11

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_141

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Kidney	Tubule	Cast, Bile
Liver		Hemorrhage
		Necrosis, Focal
Lung		Edema, Nos
		Hemorrhage
	Bronchus	Lymphocytic Inflammatory Infiltrate

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_142

**TRT#:** 4  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung

Congestion, Nos  
Hemorrhage  
Hyperplasia, Nos  
Inflammation, Nos  
Inflammation, Nos

Bronchus

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyurethane

**CAS Number:** 9009-54-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 15:10:11

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_143

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Kidney

Tubule

Degeneration, Nos

Liver

Bile Duct

Cyst, Nos

Bile Duct

Hyperplasia, Nos

Necrosis, Nos

Lung

Bronchus

Bronchiectasis

Collapse

Emphysema, Nos

Hyperplasia, Nos

Trachea

Bronchus

Inflammation, Nos

Hyperplasia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_145

**TRT#:** 4  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney

Liver

Lung

Nephrosis, Nos

Congestion, Nos

Necrosis, Nos

Congestion, Nos

Edema, Nos

Emphysema, Nos

Inflammation, Nos

---

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06984

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyurethane

**CAS Number:** 9009-54-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 15:10:11

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_146

**TRT#:** 4

**DOSE:** 0

**SEX:** Male

**DISP:** Natural Death

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Lung

Congestion, Nos

Edema, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyurethane

**CAS Number:** 9009-54-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 15:10:11

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_147

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos
Liver		Congestion, Nos
		Necrosis, Nos
Lung	Bronchus	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:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_148

**TRT#:** 4  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung

Edema, Nos  
Emphysema, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyurethane

**CAS Number:** 9009-54-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 15:10:11

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 4\_150

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos
Liver		Congestion, Nos
		Metamorphosis, Fatty
		Necrosis, Nos
Lung		Congestion, Nos
		Edema, Nos
		Emphysema, Nos
		Hemorrhage
		Hyperplasia, Nos
	Bronchus	Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate
		Pneumonia, Lobar Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyurethane

**CAS Number:** 9009-54-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 15:10:11

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_151

**TRT#:** 4

**DOSE:** 0

**SEX:** Male

**DISP:** Natural Death

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Kidney		Amyloidosis
Liver		Amyloidosis
Lung	Bronchus	Metamorphosis, Fatty Bronchiectasis Congestion, Nos Emphysema, Nos Inflammation, Nos
Trachea	Bronchus	Lymphocytic Inflammatory Infiltrate Hyperplasia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyurethane

**CAS Number:** 9009-54-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 15:10:11

**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**

Lung

Emphysema, Nos

Metaplasia, Osseous

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyurethane

**CAS Number:** 9009-54-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 15:10:11

**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**

Adrenal gland

Kidney

Lung

Pheochromocytoma

Degeneration, Nos

Emphysema, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyurethane

**CAS Number:** 9009-54-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 15:10:11

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_155

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Kidney

Amyloidosis

Atrophy, Nos

Atypia, Nos

Calcification, Nos

Dilatation, Nos

Fibrosis

Psammoma Bodies

Pyelonephritis, Nos

Liver

Amyloidosis

Lung

Edema, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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  
Trachea

Congestion, Nos  
Hyperplasia, Focal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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**

Kidney

Liver

Lung

Degeneration, Nos

Congestion, Nos

Necrosis, Nos

Congestion, Nos

Edema, Nos

Emphysema, Nos

Fibrosis

Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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	Glomerulus	Atrophy, Nos
	Tubule	Degeneration, Nos
Liver		Congestion, Nos
		Lymphocytic Inflammatory Infiltrate
Lung		Congestion, Nos
		Inflammation, Nos
		Metaplasia, Osseous

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_163

**TRT#:** 4  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**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:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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**

Kidney	Glomerulus	Atrophy, Nos Degeneration, Hyaline
	Tubule	Degeneration, Nos Congestion, Nos
Liver		Congestion, Nos
Lung		Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyurethane

**CAS Number:** 9009-54-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 15:10:11

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_166

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Kidney

Calcification, Nos

Nephrosis, Nos

Liver

Bile Duct

Fibrosis

Lung

Collapse

Congestion, Nos

Emphysema, Nos

Hemorrhage

Inflammation, Nos

Metaplasia, Osseous

Bronchiole

Necrosis, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_168

**TRT#:** 4  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver  
Lung

Degeneration, Nos  
Hemorrhage

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_170

**TRT#:** 4  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung

Bronchiole

Congestion, Nos  
Distention  
Inflammation, Nos  
Lymphocytic Inflammatory Infiltrate

Trachea

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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**

Lung

Congestion, Nos  
Emphysema, Nos  
Fibrosis  
Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_172

**TRT#:** 4  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Cast, Nos
	Tubule	Dilatation, Nos
Liver		Congestion, Nos
	Bile Duct	Cyst, Nos
		Lymphocytic Inflammatory Infiltrate
		Metamorphosis, Fatty
Lung		Congestion, Nos
		Inflammation, Nos
Spleen		Hemangioma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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**

Lung

Congestion, Nos

Fibrosis

Hyperplasia, Nos

Bronchus

Inflammation, Nos

Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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

Bronchus

Bronchiectasis  
Congestion, Nos  
Hyperplasia, Nos  
Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_180

**TRT#:** 4  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung

Emphysema, Nos  
Hemorrhage  
Necrosis, Nos

Bronchus

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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**

Liver

Bile Duct

Lung

Congestion, Nos  
Cyst, Nos  
Necrosis, Nos  
Collapse  
Congestion, Nos  
Emphysema, Nos  
Hemorrhage  
Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyurethane

**CAS Number:** 9009-54-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 15:10:11

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_184

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Kidney		Atrophy, Nos
	Tubule	Degeneration, Nos
Liver		Congestion, Nos
Lung	Bronchus	Bronchiectasis
		Edema, Nos
		Emphysema, Nos
		Hyperplasia, Nos
	Bronchus	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:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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		Inflammation, Interstitial
Liver		Congestion, Nos
	Bile Duct	Cyst, Nos
Lung	Bronchiole	Distention
		Emphysema, Nos
		Hyperplasia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_189

**TRT#:** 4  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung

Congestion, Nos  
Edema, Nos  
Emphysema, Nos  
Hemorrhage  
Inflammation, Nos  
Inflammation, Nos

Bronchus

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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**

Lung

Edema, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyurethane

**CAS Number:** 9009-54-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 15:10:11

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_194

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Kidney

Medulla

Atrophy, Nos

Calcification, Nos

Tubule

Calcification, Nos

Tubule

Degeneration, Hyaline

Tubule

Dilatation, Nos

Liver

Fibrosis

Lung

Cytoplasmic Vacuolization

Atypia, Nos

Emphysema, Nos

Inflammation, Nos

Bronchiole

Inflammation, Obliterative

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyurethane

**CAS Number:** 9009-54-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 15:10:11

**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**

Lung

Collapse

Emphysema, Nos

Hyperplasia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_198

**TRT#:** 4  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung

Congestion, Nos  
Hemorrhage  
Hyperplasia, Nos  
Inflammation, Nos  
Inflammation, Nos

Bronchus

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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

Bronchiole

Congestion, Nos  
Distention  
Emphysema, Nos  
Fibrosis  
Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_203

**TRT#:** 4  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung	Bronchus	Bronchiectasis Congestion, Nos
	Bronchiole	Distention Emphysema, Nos Inflammation, Nos Metaplasia, Osseous

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_209

**TRT#:** 4  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Infarct, Nos

Kidney

Thrombosis, Nos

Tubule

Atrophy, Nos

Tubule

Calcification, Nos

Lung

Dilatation, Nos

Edema, Nos

Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_210

**TRT#:** 4  
**DOSE:** 0

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung

Congestion, Nos  
Emphysema, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyurethane

**CAS Number:** 9009-54-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 15:10:11

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_212

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Kidney

Tubule

Atrophy, Nos

Tubule

Dilatation, Nos

Lung

Bronchiole

Congestion, Nos

Distention

Emphysema, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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

Congestion, Nos  
Hemorrhage

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_215

**TRT#:** 4  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung

Congestion, Nos  
Edema, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_216

**TRT#:** 4  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung

Congestion, Nos  
Emphysema, Nos  
Hemorrhage  
Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_217

**TRT#:** 4  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney

Tubule

Atrophy, Nos

Dilatation, Nos

Lung

Emphysema, Nos

Trachea

Hyperplasia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C06984

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyurethane

**CAS Number:** 9009-54-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 15:10:11

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_219

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos Inflammation, Nos
Liver		Congestion, Nos Metamorphosis, Fatty
Lung	Bronchiole	Congestion, Nos Distention
	Bronchus	Emphysema, 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:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Polyurethane

**CAS Number:** 9009-54-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 15:10:11

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_221

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**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:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_223

**TRT#:** 4  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung

Congestion, Nos  
Fibrosis  
Hyperplasia, Nos  
Inflammation, Nos  
Hyperplasia, Nos

Trachea

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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**

Lung	Bronchiole	Distention Edema, Nos Hemorrhage Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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**

Kidney  
Lung

Tubule

Degeneration, Nos  
Congestion, Nos  
Edema, Nos  
Hyperplasia, Nos  
Inflammation, Nos  
Hyperplasia, Nos

Trachea

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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

Congestion, Nos  
Emphysema, Nos  
Hemorrhage  
Inflammation, Nos

---

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**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**

Lung

Congestion, Nos  
Emphysema, Nos  
Hyperplasia, Nos  
Lymphocytic Inflammatory Infiltrate

Bronchus

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_236

**TRT#:** 4  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung

Bronchiole

Distention  
Edema, Nos  
Emphysema, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_237

**TRT#:** 4  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung

Bronchiole

Congestion, Nos  
Distention  
Hemorrhage  
Hyperplasia, Nos  
Inflammation, Nos  
Metaplasia, Osseous

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06984  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Hamsters/Syrian Golden

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:10:11  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_238

**TRT#:** 4  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney		Atrophy, Nos Calcification, Nos
Liver	Tubule	Dilatation, Nos Congestion, Nos Fibrosis Necrosis, Nos
Lung	Bronchus	Bronchiectasis Emphysema, Nos Hemorrhage Hyperplasia, Nos Inflammation, Nos
	Bronchus	Lymphocytic Inflammatory Infiltrate Metaplasia, Osseous
Trachea		Lymphocytic Inflammatory Infiltrate

**PRIMARY CAUSE OF DEATH**

-

**\*\* END OF REPORT \*\***