

**Experiment Number:** 20536 - 02

**P05: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (SYSTEMIC LESIONS  
ABRIDGED) (a)**

**Date Report Requested:** 09/13/2012

**Test Type:** 39-WEEK

Abrasive blasting agents (specular hematite)

**Time Report Requested:** 10:28:08

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**CAS Number:** HEMATITESPEC

**First Dose M/F:** 07/27/09 / NA

**Species/Strain:** RATS/HSD

**Lab:** BNW

F1\_Rev.1\_26 Wk. SSAC

**NTP Study Number:** C20536  
**Lock Date:** 07/19/2010  
**Cage Range:** ALL  
**Date Range:** ALL  
**Reasons For Removal:** 25017 SSAC  
**Removal Date Range:** 22-Jan-2010 - 22-Jan-2010  
**Treatment Groups:** Include ALL  
**Study Gender:** Male  
**TDMSE Version:** 2.6.0.0\_007  
**PWG Approval Date:** 02/08/2012

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CAS Number: HEMATITESPEC

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Species/Strain: RATS/HSD

Lab: BNW

Harlan Sprague Dawley RATS MALE

Control

15 mg/m3

30 mg/m3

60 mg/m3

**Disposition Summary**

Animals Initially In Study	62	62	62	62
Scheduled Sacrifice	8	8	8	8
Early Deaths				
Survivors				
Animals Examined Microscopically	8	8	8	8

## ALIMENTARY SYSTEM

Intestine Small, Ileum	(0)	(0)	(1)	(1)
Liver	(0)	(1)	(0)	(0)

## CARDIOVASCULAR SYSTEM

None

## ENDOCRINE SYSTEM

None

## GENERAL BODY SYSTEM

None

## GENITAL SYSTEM

None

## HEMATOPOIETIC SYSTEM

Lymph Node, Bronchial	(7)	(5)	(7)	(7)
Lymph Node, Mediastinal	(8)	(7)	(8)	(8)

a - Number of animals examined microscopically at site and number of animals with lesion

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Harlan Sprague Dawley RATS MALE	Control	15 mg/m3	30 mg/m3	60 mg/m3
<b>INTEGUMENTARY SYSTEM</b>				
Skin	(0)	(1)	(0)	(0)
<b>MUSCULOSKELETAL SYSTEM</b>				
None				
<b>NERVOUS SYSTEM</b>				
None				
<b>RESPIRATORY SYSTEM</b>				
Larynx	(8)	(8)	(8)	(8)
Lung	(8)	(8)	(8)	(8)
Alveolar/Bronchiolar Adenoma			1 (13%)	
Nose	(8)	(8)	(8)	(8)
Trachea	(8)	(8)	(8)	(8)
<b>SPECIAL SENSES SYSTEM</b>				
Lacrimal Gland	(0)	(1)	(0)	(0)
<b>URINARY SYSTEM</b>				
None				

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Harlan Sprague Dawley RATS MALE

Control

15 mg/m3

30 mg/m3

60 mg/m3

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### Tumor Summary for Males

Total Animals with Primary Neoplasms (b)

1

Total Primary Neoplasms

1

Total Animals with Benign Neoplasms

1

Total Benign Neoplasms

1

Total Animals with Malignant Neoplasms

Total Malignant Neoplasms

Total Animals with Metastatic Neoplasms

Total Metastatic Neoplasms

Total Animals with Malignant Neoplasms

Uncertain Primary Site

Total Animals with Neoplasms Uncertain-

Benign or Malignant

Total Uncertain Neoplasms

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\*\*\* END OF REPORT \*\*\*

a - Number of animals examined microscopically at site and number of animals with lesion

b - Primary tumors: all tumors except metastatic tumors