

**Experiment Number:** 20536 - 02  
**Test Type:** 39-WEEK  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** RATS/HSD

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**  
Abrasive blasting agents (specular hematite)  
**CAS Number:** HEMATITESPEC

**Date Report Requested:** 09/13/2012  
**Time Report Requested:** 10:24:01  
**First Dose M/F:** 07/27/09 / NA  
**Lab:** BNW

F1\_Rev.1\_4 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:** 21-Aug-2009 - 21-Aug-2009  
**Treatment Groups:** Include ALL  
**Study Gender:** Male  
**TDMSE Version:** 2.6.0.0\_007  
**PWG Approval Date:** 02/08/2012

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	DAY ON TEST	0	0	0	0	0	0	0	0	
<b>HARLAN SPRAGUE DAWLEY RATS</b>		0	0	0	0	0	0	0	0	
<b>MALE</b>		2	2	2	2	2	2	2	2	
<b>Control</b>		6	6	6	6	6	6	6	6	
	ANIMAL ID	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	
		0	0	1	3	4	4	5	6	
		2	9	2	7	6	9	7	1	
<b>* TOTALS</b>										

**ALIMENTARY SYSTEM**

NONE

**CARDIOVASCULAR SYSTEM**

NONE

**ENDOCRINE SYSTEM**

NONE

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

NONE

**HEMATOPOIETIC SYSTEM**

Lymph Node, Bronchial	+	+	+	+	+	+	+	+	<b>8</b>
Lymph Node, Mediastinal	+	M	I	+	+	+	M	+	<b>5</b>

**INTEGUMENTARY SYSTEM**

NONE

**MUSCULOSKELETAL SYSTEM**

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
 + .. Tissue examined microscopically  
 X .. Lesion present  
 I .. Insufficient tissue

M .. Missing tissue  
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HARLAN SPRAGUE DAWLEY RATS MALE Control	DAY ON TEST	0	0	0	0	0	0	0	0	
	ANIMAL ID	0	0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	2	
		6	6	6	6	6	6	6	6	
		0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	
		0	0	1	3	4	4	5	6	
		2	9	2	7	6	9	7	1	
<b>* TOTALS</b>										

NONE

**NERVOUS SYSTEM**

NONE

**RESPIRATORY SYSTEM**

Larynx	+	+	+	+	+	+	+	+	<b>8</b>
Lung	+	+	+	+	+	+	+	+	<b>8</b>
Nose	+	+	+	+	+	+	+	+	<b>8</b>
Trachea	+	+	+	+	+	+	+	+	<b>8</b>

**SPECIAL SENSES SYSTEM**

NONE

**URINARY SYSTEM**

NONE

**SYSTEMIC LESIONS**

Multiple Organ	+	+	+	+	+	+	+	+	<b>8</b>
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\* .. Total animals with tissue examined microscopically; Total animals with tumor  
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 Lab: BNW

DAY ON TEST	0	0	0	0	0	0	0	0	HARLAN SPRAGUE DAWLEY RATS MALE
	0	0	0	0	0	0	0	0	
15 mg/m3	2	2	2	2	2	2	2	2	ANIMAL ID
	6	6	6	6	6	6	6	6	
	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	
	2	2	2	2	2	2	2	2	
	0	0	1	3	4	4	5	6	
	2	9	2	7	6	9	7	1	
									<b>* TOTALS</b>

**ALIMENTARY SYSTEM**

NONE

**CARDIOVASCULAR SYSTEM**

NONE

**ENDOCRINE SYSTEM**

NONE

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

NONE

**HEMATOPOIETIC SYSTEM**

Lymph Node, Bronchial	+	+	+	+	+	+	+	+	<b>8</b>
Lymph Node, Mediastinal	+	+	+	+	M	M	+	+	<b>6</b>

**INTEGUMENTARY SYSTEM**

NONE

**MUSCULOSKELETAL SYSTEM**

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
 + .. Tissue examined microscopically  
 X .. Lesion present  
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 Lab: BNW

HARLAN SPRAGUE DAWLEY RATS MALE 15 mg/m3	DAY ON TEST	0	0	0	0	0	0	0	0	
	ANIMAL ID	0	0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	2	
		6	6	6	6	6	6	6	6	
		0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	2	
		0	0	1	3	4	4	5	6	
		2	9	2	7	6	9	7	1	
<b>* TOTALS</b>										

NONE

**NERVOUS SYSTEM**

NONE

**RESPIRATORY SYSTEM**

Larynx	+	+	+	+	+	+	+	+	<b>8</b>
Lung	+	+	+	+	+	+	+	+	<b>8</b>
Nose	+	+	+	+	+	+	+	+	<b>8</b>
Trachea	+	+	+	+	+	+	+	+	<b>8</b>

**SPECIAL SENSES SYSTEM**

NONE

**URINARY SYSTEM**

NONE

**SYSTEMIC LESIONS**

Multiple Organ	+	+	+	+	+	+	+	+	<b>8</b>
----------------	---	---	---	---	---	---	---	---	----------

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 Lab: BNW

DAY ON TEST	0	0	0	0	0	0	0	0	HARLAN SPRAGUE DAWLEY RATS MALE 30 mg/m3	ANIMAL ID	0	0	0	0	0	0	0	0
	2	2	2	2	2	2	2	2			0	0	0	0	0	0	0	0
	6	6	6	6	6	6	6	6			4	4	4	4	4	4	4	4
											0	0	1	3	4	4	5	6
											2	9	2	7	6	9	7	1
										<b>* TOTALS</b>								

**ALIMENTARY SYSTEM**

NONE

**CARDIOVASCULAR SYSTEM**

NONE

**ENDOCRINE SYSTEM**

NONE

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

NONE

**HEMATOPOIETIC SYSTEM**

Lymph Node, Bronchial	+	+	+	+	M	+	+	+	<b>7</b>
Lymph Node, Mediastinal	+	+	+	+	+	M	+	M	<b>6</b>

**INTEGUMENTARY SYSTEM**

NONE

**MUSCULOSKELETAL SYSTEM**

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 Lab: BNW

HARLAN SPRAGUE DAWLEY RATS MALE 30 mg/m3	DAY ON TEST	0	0	0	0	0	0	0	0	
	ANIMAL ID	0	0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	2	
		6	6	6	6	6	6	6	6	
		0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	
		4	4	4	4	4	4	4	4	
		0	0	1	3	4	4	5	6	
		2	9	2	7	6	9	7	1	
<b>* TOTALS</b>										

NONE

**NERVOUS SYSTEM**

NONE

**RESPIRATORY SYSTEM**

Larynx	+	+	+	+	+	+	+	+	<b>8</b>
Lung	+	+	+	+	+	+	+	+	<b>8</b>
Nose	+	+	+	+	+	+	+	+	<b>8</b>
Trachea	+	+	+	+		+	+	+	<b>7</b>

**SPECIAL SENSES SYSTEM**

NONE

**URINARY SYSTEM**

NONE

**SYSTEMIC LESIONS**

Multiple Organ	+	+	+	+	+	+	+	+	<b>8</b>
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 Lab: BNW

HARLAN SPRAGUE DAWLEY RATS MALE 60 mg/m3	DAY ON TEST	0	0	0	0	0	0	0	0	
	ANIMAL ID	0	0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	2	
		6	6	6	6	6	6	6	6	
		0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	
		6	6	6	6	6	6	6	6	
		0	0	1	3	4	4	5	6	
		2	9	2	7	6	9	7	1	
<b>* TOTALS</b>										

**ALIMENTARY SYSTEM**

NONE

**CARDIOVASCULAR SYSTEM**

NONE

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NONE

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**HEMATOPOIETIC SYSTEM**

Lymph Node, Bronchial	+	+	+	+	+	+	+	+	<b>8</b>
Lymph Node, Mediastinal	M	M	I	+	+	+	+	+	<b>5</b>

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HARLAN SPRAGUE DAWLEY RATS MALE 60 mg/m3	DAY ON TEST	0	0	0	0	0	0	0	0	
	ANIMAL ID	0	0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	2	
		6	6	6	6	6	6	6	6	
		0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	
		6	6	6	6	6	6	6	6	
		0	0	1	3	4	4	5	6	
		2	9	2	7	6	9	7	1	
<b>* TOTALS</b>										

NONE

**NERVOUS SYSTEM**

NONE

**RESPIRATORY SYSTEM**

Larynx	+	+	+	+	+	+	+	+	<b>8</b>
Lung	+	+	+	+	+	+	+	+	<b>8</b>
Nose	+	+	+	+	+	+	+	+	<b>8</b>
Trachea	+	+	+	+	+	+	+	+	<b>8</b>

**SPECIAL SENSES SYSTEM**

NONE

**URINARY SYSTEM**

NONE

**SYSTEMIC LESIONS**

Multiple Organ	+	+	+	+	+	+	+	+	<b>8</b>
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\*\*\* END OF REPORT \*\*\*

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