

## SECTION I – GENERAL INFORMATION

# Graphite Material Safety Data Sheet

**Date Prepared**

1/1/06

**Trade Name**

GRAPHITE SHETTS, FOILS, & PACKING

## SECTION II – HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

**HAZARDOUS COMPONENTS**

**CAS#**

**APPROX%**

**ACGIH-TLV**

**OSHA-PEL**

GRAPHITE (NATURAL)

7782-42-5

10 - 20

5m/m3

5m/m3

\*Title III Section 313 Supplier Notification: this product contains toxic chemicals subject to the reporting requirements of Section 313 of the Emergency planning and community Right-to-Know Act of 1966 and of 40CFR372. This information must be included in all MSDS's that are copied and distributed for this material.

### SHIPPING INFORMATION

NOT HAZARDOUS FOR SHIPPING PURPOSES.

### SPECIAL HAZARD DESIGNATIONS

HMIS

NFPA

HAZARD RATING

HEALTH

0

0

0 - MINIMAL

FLAMMABILITY

0

0

1- SLIGHT

REACTIVITY

0

0

2- MODERATE

PROTECTIVE

0

3- SERIOUS

EQUIPMENT

A

4- SEVERE

## SECTION III – PHYSICAL DATA

**APPEARANCE**

**ODOR**

**BOILING POINT**

BLACK

NO ODOR

N/A

**SPECIFIC GRAVITY (H2O=1)**

**VAPOR PRESSURE (mm Hg.)**

**VOLATILE BY VOLUME (%)**

0.3 - 1.8

N/A

N/A

**VAPOR DENSITY (AIR=1)**

**EVAPORATION RATE (BUAC=1)**

**SOLUBILITY IN WATER**

N/A

N/A

NEGLECTIBLE

<b>SECTION IV – FIRE AND EXPLOSION HAZARD DATA</b>					
FLASH POINT ( METHOD USED)		FLAMMABLE LIMITS	LEL	UEL	
NONE		(PERCENT BY VOLUME)	N/A	N/A	
<b>FIRE EXTINGUISHING MEDIA</b>  WILL NOT SUPPORT COMBUSTION.					
<b>SPECIAL FIRE FIGHTING PROCEDURE</b>  NONE					
<b>UNUSUAL FIRE AND EXPLOSION HAZARD</b>  NONE					
<b>SECTION V – HEALTH HAZARD DATA</b>					
PRIMARY ROUTES OR ENTRY __N/A__ Inhalation __N/A__ Skin contact __N/A__ Eye contact __N/A__ Ingestion					
<b>EFFECT OF OVEREXPOSURE</b>  NO ADVERSE HEALTH EFFECTS HAVE BEEN REPORTED FROM HANDLING THIS PRODUCT AT NORMAL CONDITIONS.  THESE ITEMS ARE SOLID SHAPES WHOSE NORMAL USE DOES NOT GENERATE ANY DUST. PROLONGED OR REPEATED BREATHING OF DUST CAN RESULT IN PNEUMONICONIOSIS.					
<b>MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE</b>  NONE EXISTS WHEN HANDLING THIS PRODUCT UNDER NORMAL CONDITIONS.					
<b>EMERGENCY AND FIRST AID PROCEDURES</b>  N/A					
<b>SECTION VI – REACTIVITY</b>					
STABILITY	UNSTABLE		CONDITIONS TO AVOID		
	STABLE	X	NONE		
<b>INCOMPATIBILITY (MATERIALS TO AVOID)</b> NONE, PRODUCT IS INERT					

HAZARDOUS DECOMPOSITION PRODUCTS			
NONE			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	NONE
SECTION VII – SPILL OR LEAK PROCEDURES			
<p align="center"><b>STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED</b></p> <p align="center">FOLLOW GOOD HOUSEKEEPING PROCEDURES. VACUUM OR SWEEP LOOSE PARTICLES AND/OR DUST.</p>			
<p align="center"><b>WASTE DISPOSAL METHOD</b></p> <p align="center">(CONSULT FEDERAL, STATE AND LOCAL REGULATIONS) DISPOSE IN APPROPRIATE LAND FILLS.</p>			
SECTION VIII – SPECIAL PROTECTION INFORMATION			
<p align="center"><b>RESPIRATORY PROTECTION (Specify type)</b></p> <p align="center">NIOSH APPROVED RESPIRATOR FOR NUISANCE DUST.</p>			
<p align="center"><b>VENTILATION</b></p> <p align="center">LOCAL EXHAUST: PREFERRED.</p>			
<p align="center"><b>PROTECTIVE GLOVES</b></p> <p align="center">NONE</p>	<p align="center"><b>EYE PROTECTION</b></p> <p align="center">SAFETY GLASSES</p>		
<p align="center"><b>OTHER PROTECTIVE EQUIPMENT AND HYGIENIC PRACTICES</b></p> <p align="center">NONE</p>			
SECTION IX – SPECIAL PRECAUTIONS			
<p align="center"><b>PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING</b></p> <p align="center">WHEN MACHINING PREVENT DUST FROM ESCAPING INTO ATMOSPHERE. DO NOT BREATHE DUST.</p>			
<p align="center"><b>OTHER PRECAUTIONS</b></p> <p align="center">FLEXIBLE GRAPHITE AND ITS DUST ARE ELECTRICALLY CONDUCTIVE. SHORT CIRCUITS COULD RESULT.</p>			
<p>This information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof.</p>			

