



## SECTION IV – HEALTH, FIRST AID AND MEDICAL TREATMENT

<b><u>Inhalation:</u></b>	<b><u>Health Hazards (Acute and Chronic):</u></b> Dust inhalation may cause coughing. Long term may result in pneumoconiosis.
	<b><u>Emergency and First Aid Procedures:</u></b> Remove from exposure. If irritation persists, see a physician.
<b><u>Ingestion:</u></b>	<b><u>Health Hazards (Acute and Chronic):</u></b> N/A
	<b><u>Emergency and First Aid Procedures:</u></b> Do not induce vomiting. Call a doctor
<b><u>Skin:</u></b>	<b><u>Health Hazards (Acute and Chronic):</u></b> May irritate skin.
	<b><u>Emergency and First Aid Procedures:</u></b> Wash skin with soap and water after contact.
<b><u>Eye:</u></b>	<b><u>Health Hazards (Acute and Chronic):</u></b> Irritation.
	<b><u>Emergency and First Aid Procedures:</u></b> If dust gets in eyes, flush with water for 15 minutes and see a doctor.
<b><u>Other Potential Risks:</u></b>	<b><u>Health Hazards (Acute and Chronic):</u></b>
	<b><u>Emergency and First Aid Procedures:</u></b>
<b><u>Health Rating:</u></b> 1	<b><u>Health Hazard Rating Explanation:</u></b> 0 – Normal Material                      2 – Hazardous                              4 – Deadly 1 – Slightly Hazardous                      3 – Extreme Danger

## SECTION V – FIRE AND EXPLOSION HAZARD DATA

<b><u>Flash Point:</u></b> N/A	<b><u>(Method Used):</u></b>	<b><u>Flammable Limits:</u></b> LEL: NA%      UEL: NA%
<b><u>Extinguishing Media:</u></b> Water or other		
<b><u>Special Fire Fighting Procedures:</u></b> None		
<b><u>Explosion Potential:</u></b> N/A		
<b><u>Fire Rating:</u></b> 1	<b><u>Fire Hazard Rating Explanation:</u></b> 0 – Will Not Burn                      3 – Below 100°F (38°C) 1 – Above 200°F (93°C)                      4 – Below 73°F (23°C) 2 – Below 200°F (93°C)	

## SECTION VI – ACCIDENTAL RELEASE

**Steps to be Taken in Case of Leaks or Spills:**  
Vacuum clean dust with equipment fitted with HEPA filter. If sweeping is necessary, use a dust suppressant. Wet clean up methods also preferred.

## SECTION VII – STORAGE, HANDLING AND USE PROCEDURES

**Normal Storage and Handling:**  
Store in cool dry environment. Handle in a manner, which avoids aerosolization of dust.  
Graphite can cause shorts in electrical equipment.

**Normal Use:** Polarize water and water electrons

## SECTION VIII – PERSONAL PROTECTION INFORMATION

### Respiratory Protection:

For dust and fume concentrations below the applicable exposure level, PPE is not required. If dust concentration levels are above the applicable exposure levels follow the requirements for respirator use.

### Ventilation:

General and local exhaust ventilation, engineering controls, and good housekeeping practices are recommended to keep dust concentrations below the permissible exposure limits.

### Protective Gloves:

Recommended to prevent skin irritation.

### Eye Protection:

Safety Goggles

### Other Protective Clothing and Equipment:

Dust suppressing control technologies are effective means of minimizing airborne dust concentrations.

## SECTION IX: PHYSICAL AND CHEMICAL DATA

Boiling Point: N/A

Melting Point: N/A

Specific Gravity: 1.2-1.5

Vapor Pressure: N/A

Percent Volatile by Vol.: N/A

Vapor Density: N/A

Evaporation Rate: N/A

Solubility by Water: Insoluble

Appearance and Odor: Solid gray, no odor

## SECTION X – STABILITY AND REACTIVITY DATA

### Stability:

Stable: X      Unstable:

### Hazardous Polymerization:

Will Occur:      Will Not Occur: X

### Incompatibility (Materials to Avoid):

Acids, alkalis, oxidizers

### Decomposition Products:

Upon burning may release carbon dioxide or carbon monoxide

### Conditions to be Avoided:

Acids, alkalis, oxidizers

### Reactivity Rating:

0

### Reactivity Rating Explanation:

0 – Stable

1 – Unstable if Heated

2 – Violent Chemical Change

3 – Shock and Heat May Detonate

4 – May Detonate

## SECTION XI – TOXICOLOGICAL CONSIDERATIONS

### Toxicity:

NAIF

## SECTION XII – ECOLOGICAL CONSIDERATIONS

### Mobility:

NAIF

### Persistence and degradability

NAIF solid

### Bioaccumulation:

NAIF

**SECTION XIII – DISPOSAL CONSIDERATIONS**

Waste Disposal Method:

Disposal in accordance with FEDERAL, STATE and LOCAL REGULATIONS.

**SECTION XIV – TRANSPORTATION CONSIDERATIONS**

No components hindering transport.

**SECTION XV – REGULATORY CONSIDERATIONS**

U.S. Federal Regulations:

This product is not regulated under SARA sections 302, 304, 311/312 and 313.

Components are on TSCA inventory.

R 36/38: Irritating to eyes or skin

S 36/37: Wear suitable protective clothing and gloves

**SECTION XVI – ADDITIONAL INFORMATION**

Special Rating Explanation (If Applicable).

Oxidizer	Oxy	Alkali	ALK
Acid	ACD	Corrosive	COR
Use No Water	NW	Radiation Hazard	R

NAIF = No Applicable Information Found

N/A = Not Applicable