

SUPERIOR GRAPHITE CO

-- NATURAL GRAPHITE

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MSDS Safety Information  
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FSC: 4930  
NIIN: 00-294-5108  
MSDS Date: 01/20/1999  
MSDS Num: CKWND  
Product ID: NATURAL GRAPHITE  
MFN: 02  
Responsible Party  
Cage: 06705  
Name: SUPERIOR GRAPHITE CO  
Address: 120 S RIVERSIDE PLZ  
City: CHICAGO IL 60606-3913  
Info Phone Number: 502-885-7186  
Emergency Phone Number: 502-885-7186  
Preparer's Name: GEORGE RUSSELL  
Review Ind: Y  
Published: Y

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Contractor Summary  
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Cage: 06705  
Name: SUPERIOR GRAPHITE CO.  
Address: 10 S RIVERSIDE PLAZA  
City: CHICAGO IL 60606-3913  
Phone: 312-559-2999/502-885-7186

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Item Description Information  
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Item Manager: S9C  
Item Name: DISPENSER, GRAPHITE  
Specification Number: MIL-D-43278  
Unit of Issue: DZ  
UI Container Qty: NOT KNOWN  
Type of Container: NOT KNOWN

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Ingredients  
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Cas: 7782-42-5  
RTECS #: MD9659600  
Name: GRAPHITE, NATURAL (% PROPRIETARY)  
OSHA PEL: SEE TABLE Z-3  
ACGIH TLV: 2 MG/M3  
ACGIH STEL: NOT ESTABLISHED

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Cas: 14808-60-7  
RTECS #: VV7330000  
Name: SILICA, CRYSTALLINE (AS QUARTZ)  
% Wt: N/D  
OSHA PEL: SEE TABLE Z-3  
ACGIH TLV: 0.1 MG/M3  
ACGIH STEL: NOT ESTABLISHED

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Health Hazards Data  
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LD50 LC50 Mixture: NO DATA PROVIDED BY MANUFACTURER

Route Of Entry Inds - Inhalation: YES

Ingestion: YES

Carcinogenicity Inds - NTP: NO

IARC: YES

OSHA: NO

Effects of Exposure: INHALATION OF DUST MAY RESULT IN IRRITATION OF MUCOUS MEMBRANES. LONG TERM INHALATION MAY RESULT IN SILICOSIS OR PNEUMOCONIOSIS.

Explanation Of Carcinogenicity: (SILICA AS QUARTZ), ANIMAL SUFFICIENT EVIDENCE, HUMAN SUFFICIENT EVIDENCE.

Signs And Symptoms Of Overexposure: NOT KNOWN OTHER THAN THAT MENTIONED IN THE HEALTH HAZARDS.

Medical Cond Aggravated By Exposure: NO MEDICAL CONDITIONS ARE KNOWN TO BE AGGRAVATED BY THIS PRODUCT.

First Aid: EYES: FLUSH WITH PLENTY OF WATER FOR 15 MINUTES. SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS. SKIN: WASH EXPOSED SKIN WITH SOAP AND WATER. IF IRRITATION PERSISTS GET MEDICAL ATTENTION. LAUNDER SEVERELY CONTAMINATED CLOTHING BEFORE REUSE. INGESTION: DO NOT INDUCE VOMITING. SEEK MEDICAL ATTENTION. INHALATION: IS NOT EXPECTED TO BE A PROBLEM. HOWEVER, IF BREATHING BECOMES DIFFICULT, MOVE TO FRESH AIR. SEEK MEDICAL ATTENTION IF BREATHING DIFFICULTY PERSISTS.

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Handling and Disposal  
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Spill Release Procedures: GRAPHITE CAUSES SLIPPERY CONDITIONS. CAREFULLY SWEEP UP MATERIAL AND WASH FLOOR WITH SOAP AND WATER. CONTAINERIZE FOR SOLID WASTE DISPOSAL.

Neutralizing Agent: NO DATA PROVIDED BY MANUFACTURER.

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

Handling And Storage Precautions: GRAPHITE, BEING CONDUCTIVE, CAN CAUSE SHORT CIRCUITS AND OTHER ELECTRICAL MALFUNCTIONS. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. HANDLE CAREFULLY TO AVOID SPILLS.

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Fire and Explosion Hazard Information  
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Flash Point Text: NONCOMBUSTIBLE

Extinguishing Media: WATER, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.

Fire Fighting Procedures: WEAR NIOSH APPROVED SELF CONTAINED BREATHING APPARATUS TO FIGHT A FIRE INVOLVING THIS MATERIAL.

Unusual Fire/Explosion Hazard: NONE.

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Control Measures  
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Respiratory Protection: WEAR NIOSH APPROVED MASK FOR PROTECTION AGAINST DUST PARTICLES.

Ventilation: LOCAL EXHAUST NOT NECESSARY EXCEPT TO STAY BELOW EXPOSURE LIMITS. MECHANICAL (GENERAL) NECESSARY TO KEEP DOWN DUST.

Protective Gloves: COTTON

Eye Protection: SAFETY GLASSES, GOGGLES, OR FACE SHIELD.

Other Protective Equipment: EYEWASH STATION AND SAFETY SHOWER SHOULD BE AVAILABLE.

Work Hygienic Practices: WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING THIS PRODUCT.

Supplemental Safety and Health: NO DATA PROVIDED BY MANUFACTURER.

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Physical/Chemical Properties

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HCC: N1  
Spec Gravity: 2.25  
Solubility in Water: INSOLUBLE  
Appearance and Odor: DARK GRAY SOLID, NO ODOR  
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Reactivity Data

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Stability Indicator: YES  
Stability Condition To Avoid: MATERIAL IS STABLE.  
Materials To Avoid: STRONG OXIDIZING AGENTS, ACIDS, AND ALKALIS.  
Hazardous Decomposition Products: ON BURNING, MAY RELEASE CARBON DIOXIDE AND  
CARBON MONOXIDE.  
Hazardous Polymerization Indicator: NO  
Conditions To Avoid Polymerization: WILL NOT OCCUR.  
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Toxicological Information

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Toxicological Information: NONE AVAILABLE.  
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Ecological Information

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Ecological: NONE AVAILABLE.  
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MSDS Transport Information

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Transport Information: NOT REGULATED.  
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Regulatory Information

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Sara Title III Information: NO DATA PROVIDED BY MANUFACTURER  
Federal Regulatory Information: ALL COMPONENTS OF THIS PRODUCT ARE ON THE  
TSCA INVENTORY.  
State Regulatory Information: NO DATA PROVIDED BY MANUFACTURER.  
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Other Information

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Other Information: NO DATA PROVIDED BY MANUFACTURER.  
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Transportation Information

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Responsible Party Cage: 06705  
Trans ID NO: 155539  
Product ID: NATURAL GRAPHITE  
MSDS Prepared Date: 01/20/1999  
Review Date: 12/08/2000  
MFN: 2  
Net Unit Weight: UNKNOWN  
Multiple KIT Number: 0  
Unit Of Issue: DZ  
Container QTY: NOT KNOWN  
Type Of Container: NOT KNOWN  
Additional Data: NOT REGULATED PER MSDS.  
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Detail DOT Information

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DOT PSN Code: ZZZ  
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DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

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Detail IMO Information  
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IMO PSN Code: ZZZ

IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION

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Detail IATA Information  
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IATA PSN Code: ZZZ

IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

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Detail AFI Information  
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AFI PSN Code: ZZZ

AFI Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

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HAZCOM Label  
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Product ID: NATURAL GRAPHITE

Cage: 06705

Company Name: SUPERIOR GRAPHITE CO.

Street: 10 S RIVERSIDE PLAZA

City: CHICAGO IL

Zipcode: 60606-3913

Health Emergency Phone: 502-885-7186

Label Required IND: Y

Date Of Label Review: 12/08/2000

Status Code: A

Origination Code: F

Chronic Hazard IND: Y

Eye Protection IND: YES

Skin Protection IND: YES

Signal Word: CAUTION

Respiratory Protection IND: YES

Health Hazard: Slight

Contact Hazard: None

Fire Hazard: None

Reactivity Hazard: None

Hazard And Precautions: TARGET ORGANS: N/P. INHALATION OF DUST MAY RESULT IN IRRITATION OF MUCOUS MEMBRANES. LONG TERM INHALATION MAY RESULT IN SILICOSIS OR PNEUMOCONIOSIS. FIRST AID: EYES: FLUSH WITH PLENTY OF WATER FOR 15 MINUTES. SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS. SKIN: WASH EXPOSED SKIN WITH SOAP AND WATER. IF IRRITATION PERSISTS GET MEDICAL ATTENTION. LAUNDRY SEVERELY CONTAMINATED CLOTHING BEFORE REUSE. INGESTION: DO NOT INDUCE VOMITING. SEEK MEDICAL ATTENTION. INHALATION: IS NOT EXPECTED TO BE A PROBLEM. HOWEVER, IF BREATHING BECOMES DIFFICULT, MOVE TO FRESH AIR. SEEK MEDICAL ATTENTION IF BREATHING DIFFICULTY PERSISTS.

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