Professional Emergency Resource Service

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SUPERIOR GRAPHITE COMPANY

MATERIAL SAFETY DATA SHEET NATURAL GRAPHITE

#1485

SECTION I PRODUCT IDENTIFICATION

REPACKAGED AS PANEF CORPORATION PRODUCT NAME: Natural Graphite

LUB-A-SPRAY Superior Graphite Company MANUFACTURER:

L-300, LS-10, LT-30, L-600 120 S. Riverside Plaza ADDRESS:

(502) 885-7186 EMERGENCY PHONE NUMBER: (312) 559-2999 PHONE NUMBER FOR INFORMATION: REVISED: 06/28/94 DATE PREPARED: 07/16/91

PREPARED BY: George Russell

SECTION II - HAZARDOUS INGREDIENTS

OTHER LIMITS ACGIH OSHA HAZARDOUS COMPONENTS

RECOMMENDED (OPTIONAL) TLV PEL (SPECIFIC CHEMICAL IDENTITY;

COMMON NAME(S))

Graphite, Natural 2.0mg/m3 2.5mg/m3 None Prop. C.A.S (7782-42-5)

(as respirable dust)

Silica, Crystalline Quartz (as Quartz) None 0.1 mg/m0.1 mg/mC.A.S. (14808-60-7)

(as respirable dust)

Tests performed on natural graphites have shown quartz levels NOTE:

ranging from 2% to 10%.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

SPECIFIC GRAVITY (H2O=1):2.25 N/A BOILING POINT:

MELTING POINT: VAPOR PRESSURE (mm Hg.): N/A

EVAPORATION RATE VAPOR DENSITY (AlR=1): N/A N/A (BUTYL ACETATE=1):

SOLUBILITY IN WATER: Insoluble

Dark gray solid, no odor APPEARANCE AND ODOR:

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

UEL: LEL: FLAMMABLE LIMITS: FLASH POINT (METHOD USED): N/A N/A N/A

None, will not support combustion. EXTINGUISHING MEDIA:

Wear NIOSH approved self contained breathing SPECIAL FIRE FIGHTING PROCEDURES:

None

apparatus to fight fire in confined area.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

Reactivity-0 Flammability-0, NFPA HAZARD RATING: Health-1,

SECTION V - REACTIVITY DATA

SECTION VI - HEALTH HAZARD DATA

Material is stable STABILITY:

INCOMPATIBILITY (MATERIALS TO AVOID): HAZARDOUS DECOMPOSITION OR BYPRODUCTS: None

Will not occur HAZARDOUS POLYMERIZATION:

INHALATION? YES INGESTION? YES ROUTE(S) OF ENTRY:

HEALTH HAZARDS (ACUTE AND CHRONIC): Inhalation of dust may result in irritation of mucous membranes Long term inhalation may result in silicosis or pneumoconiosis. CARGINOGENICITY:

NTP? No

MONOGRAPHS?

IARC

Yes (silica as quartz). animal sufficient

evidence, human limited evidence.

OSHA REGULATED: No

SIGNS AND SYMPTOMS OF EXPOSURE:

Not known other than that mentioned in the

health hazards.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

No medical conditions are known to be aggravated

by this product.

EMERGENCY AND FIRST AID PROCEDURES:

Flush with plenty of water for 15 minutes. Seek

medical attention of irritation persists.

SKIN:

Wash exposed skin with soap and water. If irritation

persists get medical attention. Launder severely

contaminate clothing before reuse.

INGESTION:

Do not induce vomiting. Seek medical attention.

INHALATION:

Remove to fresh air area. Seek medical attention if

breathing becomes difficult.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Graphite causes slippery conditions. Carefully sweep up material and wash floor with soap and water Recycle or containerize for solid waste

disposal. ' WASTE DISPOSAL METHOD

Dispose according to federal, state, and local

regulations,

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Graphite, being conductive, can cause short circuits and other electrical malfunctions. Keep containers tightly closed when not in use. Handle carefully to avoid spills.

OTHER PRECAUTIONS: None

SECTION VIII - CONTROL MEASURES

RESPIRAJORY PROTECTION (SPECIFY TYPE): Wear NIOSH approved mask for

protection against dust particles.

VENTILATION:

LOCAL EXHAUST Not necessary

SPECIAL None except to stay below exposure limits.

MECHANICAL OTHER None

Cotton

(GENERAL) Necessary to keep down dust .

PROTECTIVE GLOVES:

Safety glasses, goggles, or face shield. EYE PROTECTION:

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Eyewash station and safety

shower should be available.

WORK/HYGIENIC PRACTICES: Wash thoroughly with soap and water after

handling this product.

SECTION IX - DISCLAIMER

DISCLAIMER: The information contained herein is based on data available. however, no warranty is expressed or implied regarding the accuracy of the data or the results obtained from the use thereof. Because the information contained herein may be applied under conditions beyond our control, we assume no responsibility for its use.

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