

Material Safety Data Sheet

Revised June 21, 2011

1-PRODUCT AND COMPANY INFORMATION

Common Name, Trade Name, or Specification:

Pure Graphite Sheet

Lewco Specialty Products, Inc.

6859 Renoir Ave., Baton Rouge, LA 70806

Company Telephone No.: 225-924-3221

Company FAX: 225-927-2918

2-IDENTIFICATION INFORMATION

CAS

COMPONENT	NUMBER	%	OSHA PEL	ACGIH TLV
Graphite	7782-42-5	<99	2.5 mg/m3	2.5 mg/m3
sulfur	7704-34-9	968ppm	N/A	N/A

3-HAZARDS IDENTIFICATION

Carcinogenicity	NTP Listed	IARC Listed	NIOSH Listed	OSHA Listed
Graphite	No	No	No	No
Sulfur	No	No	No	No

4-FIRST AID MEASURES

Inhalation: Move to fresh air. Obtain medical attention.

Eyes: Flush with water to remove particulate. Obtain medical attention.

Skin: Wash thoroughly with soap and water. If persistent irritation develops, obtain medical attention.

Ingestion: Obtain medical attention.

5-FIRE FIGHTING MEASURES

Auto-ignition Temperature: This product is inherently flame resistant.

Flammable Limits in Air: % in Air by Volume: LEL: N/A UEL: N/A

Extinguisher Media: Carbon dioxide, chemical, or foam

Special Firefighting Procedure: Material in or near fires should be cooled with a water spray or fog. A self-contained breathing apparatus, operating in the positive pressure mode, and full fire fighting protective clothing should be worn for combustion may produce dense smoke, oxides of

carbon, and low molecular weight organic compounds whose composition has not been characterized.

6-ACCIDENTAL RELEASE MEASURES

If a release of dust occurs during machining, abrading, or riveting, remove dust by vacuuming or wet mopping. Vacuums used for this purpose should be equipped with HEPA filters. Do not use compressed air to blow dust from the workplace.

7-HANDLING AND STORAGE

Shipping and storage may result in accumulation of dust in shipping containers. If this occurs, dispose of the container in an airtight polyethylene bag (see disposal instructions below) or remove dust by vacuuming or wet mopping. Vacuums used for this purpose should be equipped with HEPA filters. Do not use compressed air to blow dust from storage containers.

8-EXPOSURE PREVENTION MEASURES

Respiratory Protection: Use NIOSH-approved respirator if exposure to dust, vapors, or fumes in concentrations exceeding PEL's or TLV's possible. (See 29 CFR 1910.134 for respiratory protection standards)

Ventilation: Any operations which may produce dust, including machining, grinding, riveting, or abrading of this product, should be adequately exhausted to prevent inhalation of dust.

Personal Protective Equipment: Suitable respiratory protection should be worn if dust exposure is possible. All regulations and safe practices related to the use of respiratory protection must be observed. Refer to OSHA standards and NIOSH guidelines. If skin irritation occurs, gloves and other protective garments may be worn.

9-PHYSICAL AND CHEMICAL PROPERTIES

Melting Point-None Solubility in water-Insoluble Order-None

Color-Black Specific Gravity-1.0-1.5 Form-Solid

10-STABILITY AND REACTIVITY

Stability: Stable at normal temperatures and storage conditions

Incompatibility: None

Hazardous Decomposition Products: None

Hazardous Polymerization: Will not polymerize. This product is fully cured in the manufacturing process.

11-TOXICOLOGICAL INFORMATION

GRAPHITE

Inhalation hazards-Acute: exposure may result in cough, dyspnea, black sputum, and fibrosis.

Chronic: Prolonged exposure may cause pneumoconiosis. It is reported that diseases of the

respiratory and cardiovascular system may be aggravated by exposure.

SULFUR

In the intestines because of hydrogen sulfide into being absorbed, it can induce a large number of oral hydrogen sulfide poisoning. Acute hydrogen sulfide poisoning systemic toxicity performance of the central nervous system symptoms, headache, dizziness, weakness, vomiting, ataxia, coma. Troposphere caused eye conjunctivitis, skin eczema. Weak right skin irritation. Production of medium - and long-term inhalation of sulfur dust generally no obvious toxicity.

12-ECOLOGICAL INFORMATION

No ecological test data has been developed. impact to aquatic, terrestrial and air environmental media is judged as insignificant

13-DISPOSAL CONSIDERATIONS

Disposal of solid waste is regulated by law. Waste should be place in airtight containers, and dispose of properly. Contact local regulatory agency for guidance.

14-TRANSPORT INFORMATION

Not regulated as a hazardous material by DOT (China Department of Transportation) or IMO.

Ship in sealed boxes appropriately rated for weight capacity

15-REGULATORY INFORMATION

Labor Safety and Health Act

Waste Disposal Act

16-OTHER INFORMATION

The information and recommendations set forth herein are taken from sources believed to be accurate as of the information or the suitability of the recommendations, and assumes no liability, including direct, incidental or consequential damages for any reliance thereon.

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