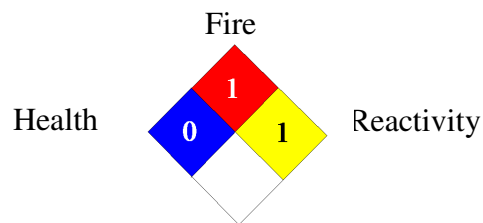


MATERIAL SAFETY DATA SHEET



Section I

GENERAL INFORMATION

HMIS Rating

Product Name: EPS Block
Manufacturer's Name: ALSCO Metals Corporation
3101 Poplarwood Court Suite 200
Raleigh, NC 27604
Information Telephone: ALSCO Metals Corporation 1-800-231-9333
Emergency Telephone: EHS Department 1-800-832-6557
Preparation Data: March 1, 2004 Rev. 1

Section II

HAZARDOUS INGREDIENTS

Chemical Name: None
Exposure Limits in Air: OSHA (PEL) ACGIH (TLV)

Section III

PHYSICAL CHEMICAL CHARACTERISTICS

| | | |
|------------------------------------|--------------------------------------|---|
| Boiling Point (°C): | N.Ap. | Specific Gravity: 0.016 – 0.048 (H ₂ O=1) |
| Vapor Pressure: (mm Hg, @ 25°C) | N.Ap. | Melting Point (°C): ~200 |
| Vapor Density: (air=1) | N.Ap. | Evaporation Rate: N.Ap (butyl acetate=1) |
| Solubility in H ₂ O: | Insoluble | |
| Appearance and Odor: | White rigid cellular solid, low odor | |

Section IV

FIRE AND EXPLOSION DATA

Flash Point (°F): >200 LEL: N.Ap. UEL: N.Ap.
Slight fire hazard when exposed to heat or flame.
Extinguishing Media: Dry chemical, CO₂, water fog, water spray, or foam.
Special Fire Fighting Procedures: Responding personnel must be equipped with positive pressure self-contained breathing apparatus and protective clothing. Produces dense black smoke when burning which obscures vision.
Unusual Fire or Explosion Hazards: Use much water to penetrate hot molten mass from outside to open and cool interior.

Section V

REACTIVITY DATA

Stability: Stable under normal temperatures and pressures.
Conditions to Avoid: Heat, sparks, and open flame.
Incompatibility: Strong oxidizing materials, aromatic solvents.
Hazardous Decomposition Products: Oxides of carbon: CO, CO₂
Hazardous Polymerization: Will not occur.

Section VI

HEALTH HAZARD DATA

Primary Routes of Entry: Inhalation

Acute Health Hazards:

Ingestion: May act as a obstruction if swallowed.

Inhalation: Minor respiratory irritation possible from dust particles.

Skin Contact: No hazard is known.

Eye Contact: Minor eye irritation possible from dust particles.

Chronic Health Hazards: None have been reported.

Carcinogenicity: OSHA: NO NTP: NO IARC: NO

Symptoms of Overexposure: Respiratory irritation may occur from dust.

Medical Conditions Aggravated by Exposure: None known.

First Aid Procedures;

Ingestion: Not expected to be a significant ingestion hazard under conditions of normal use.

Inhalation: Upon exposure to dust particles, remove to fresh air.

Eye Contact: Rinse eyes with flowing water for at least 15 min.

Skin Contact: Not expected to be a hazard by skin contact. Wash with soap and water.

Section VII

PRECAUTIONS FOR HANDLING AND USE

Handling/Storage: EPS foam is flammable and can burn with intense heat and dense black smoke. Keep away from heat, sparks, open flame, or other ignition sources.

Waste Disposal Method: Treat as normal refuse, according to Local, State and Federal regulations.

Steps to be Taken in Case Material Is Spilled: Sweep or shovel into containers.

Other Precautions: None

Section VIII

CONTROL MEASURES

Respiratory Protection: Dust mask recommended for fabrication operations.

Ventilation: Provide adequate ventilation when fabricating

Skin Protection: Not required.

Eye Protection: Safety glasses needed for cutting or fabricating operations.

Other Protection: None recommended

Work/Hygienic Practices: None recommended.

Section IX

REGULATORY INFORMATION

TOXIC SUBSTANCES CONTROL ACT (TSCA):

The ingredients of this product are on the TSCA inventory.

SARA TITLE III INFORMATION:

Section 311/312 – Reportable Materials: None

Section 313 – Supplier Notification: None

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372:

| <u>CAS#</u> | <u>CHEMICAL NAME</u> | <u>PERCENT BY WEIGHT</u> |
|-------------|----------------------|--------------------------|
| | None | |

This information must be included in all MSDS's that are copied and distributed for this material.

STATE RIGHT-TO-KNOW**CALIFORNIA PROPOSITION 65 INFORMATION:**

This product contains no levels of listed substances which the State of California has found to cause cancer, birth defects, or other reproductive harm which would require a warning under the statute.

**WARNING:
EPS FOAM IS FLAMMABLE**

Modified EPS like most plastic foam is flammable. Do not expose EPS to open flames or any other direct or indirect high temperature ignition sources such as burning operations, welding, burning cigarettes, space heaters, or naked lights.

When burning, EPS will consume oxygen, releasing great heat and smoke and potentially toxic gases such as carbon monoxide and carbon dioxide.

Section X

The data in this Material Safety Data Sheet is offered for your consideration, investigation and verification. The data is presented in good faith and was obtained from sources ALSCO believes to be reliable. ALSCO, however, makes no representation as to the completeness or accuracy. ALSCO makes no warranty, expressed or implied, including the implied warranties of merchantability and fitness for ordinary or particular purpose, with respect to the data contained herein.

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