

MATERIAL SAFETY DATA SHEET

For

CoreLiteBoard®

CoreLite, Inc.

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United States

Emergency Phone: +1-305-691-9093

Product Name: CoreLite Board

Effective Date: 2/19/2011

1. INGREDIENTS:

Polymerized cross-linked aromatic PVC foam (CAS. No. 9002-86-2)

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200). In addition, other substances not "Hazardous" per this OSHA Standard may be listed. Where proprietary ingredient shows, the identity may be made available as provided in this standard.

2. PHYSICAL DATA:

Boiling Point: Not applicable

Vapor Press: Not applicable

Vapor Density: Not applicable

Sol. In water: Not applicable

Sp. Gravity: Variable depending the application

Appearance: Rigid cellular plastic

Odor: None

3. FIRE AND EXPLOSIONHAZARD DATA:

Flash Point: Not applicable

Method Used: Not applicable

Flammable Limits

LFL: Not applicable

UFL: Not applicable

Extinguishing Media: if stored or in-place PVC foam should ignite, extinguish fire immediately by drenching with water spray from a fire hose. For small fires, use water spray, foam, carbon dioxide, or dry chemical extinguishers.

FIRE ANDEXPLOSION HAZARD DATA(cont.)

Fire and Explosion Hazard: Rigid PVC foams:

Under normal circumstances this product will not support the fire and will self extinguish when the fire source is removed., but in the presence of sufficient heat and oxygen it will burn.

The probability of dust explosions from PVC dust is very low, however, do not smoke or use naked lights, open flames, space heaters or other ignition sources near rigid foam fabricating operations near sheets.

Install foam only after all welding, cutting or other hot work has been completed. If hot work trade must be done after foam has been installed, the hot work trade must be warned. Remove foam from immediate work area to a sufficient distance that heat transmitted from the torch or through the metal mill not ignites the foam. Remove all combustible material from vicinity of and immediately below work area. Post a fire watcher equipped with a fire extinguisher during and for 30 minutes after hot operations. Stop work immediately if foam begins to smoke and remove more foam from work area. When cutting rigid PVC foam, keep a fire extinguisher nearby. Work should be carried out in well ventilated area-do not breathe fumes.

Fire-Fighting Equipment: Wear positive pressure self-contained breathing apparatus and protective turnout clothing.

Protect all indoor bun and sheet storage areas with fusible sprinklers.

Maintain a minimum clearance of six feet between tops of foam and sprinkler heads.

4. REACTIVITY DATA:

Stability: (conditions to avoid) Stable

Hazardous Decomposition Products: Hydrogen chloride, carbon monoxide, and possible traces of halogen acids and nitrogen oxides evolve under fire conditions.

Hazardous Polymerization: Will not occur.

5. ENVIRONMENTAL AND DISPOSAL INFORMATION:

Action to Take for Spills: Not applicable

Disposal Method: Incinerate or bury in a approved landfill according to local, state and federal regulations.

6. HEALTH HAZARD DATA:

Eye: Solid or dust may cause irritation or corneal injury due to mechanical action.

Skin Contact: Essentially non-irritating to skin. Mechanical injury only.

Skin Absorption: Skin absorption is unlikely due to physical properties.

Ingestion: Ingestion is unlikely due to physical state. Physical injury only. May cause choking if swallowed.

Inhalation: Dust may cause irritation to upper respiratory tract.

Systemic (Other Target Organ) Effects: Repeated excessive exposures to dusts may cause respiratory irritation and possibly other respiratory effects. In laboratory animals, repeated inhalation exposure to concentrations of 8000 **PPM** produced no adverse affects; higher concentrations produced only minor biochemical changes such as an increase in cholesterol.

Teratology (Birth Defects): Birth defects are unlikely.

Exposures having no effect on the mother should have no effect on the fetus. Did not cause vitro defects in animals; other effects were seen in the fetus only at doses which caused toxic effects to the mother. No relevant information found on other component(s).

7. FIRST AID:

Eyes: Flush eyes with plenty of water; mechanical effects only.

Skin: Wash off in flowing water or shower

Ingestion: No adverse effects anticipated by this route of exposure

Inhalation: Remove to fresh air if effects occur. Consult physician.

8. HANDLING PRECAUTIONS:

Ventilation: Provide general and/or local exhaust ventilation to control airborne level below the exposure guidelines.

Respiratory protection is required for certain operations. Use an approved air-purifying respirator in dust

atmosphere, and an approved dust respirator.

Skin Protection: No precautions other than clean body -covering clothing should be needed.

Eye Protection: Use safety glasses. If there is a potential for exposure to particles, which could cause mechanical injury to the eye, wear chemical goggles.

9. ADDITIONAL INFORMATION

Special Precautions to be taken in handling and storage. Potential risks associated with rigid foams arise from dust, fire and toxic thermal decomposition products and may result from improper storage, inadequate ventilation, improper disposal *and/or* misapplication.

Dust: The probability of dust explosions from PVC dust is very low. Finely divided dust can cause health risks and can irritate the eyes, nose and throat, as can any other nuisance dust. Conduct rigid foam fabrication operations (sawing, routing, fly cutting, etc.) in areas reserved exclusively for such operations. Do not allow dust to accumulate. Use cyclone dust collectors on all fabricating power tools. Keep work areas clean. Remove settled dust by vacuuming, not blowing.

Fire: PVC foam used as a wall or ceiling insulation must not be left exposed, but must be covered as soon as practicable with a fire-resistive thermal barrier of one-half inch gypsum wallboard or the equivalent. If covering is a not immediately possible or practicable, post sign that fire risk exists because of the exposed foam. Do not install foam in any flue-like configuration. Do not allow combustible trash or scrap foam to accumulate on the job site. Dispose of scrap foam according to good industrial practice and in accordance with environmental protection regulations. Provide protection for BOTH surfaces of foam used as ceiling insulation. Foam plastic must not remain exposed in attics or crawl spaces.

Store PVC foam sheets with adequate aisle ways to permit access to all areas. For more detailed information on precautions for the proper handling and storage of PVC sheets and related materials, contact CoreLite, Inc. Miami, Florida.

REGULATORY INFORMATION (Not meant to be all-inclusive-selected regulations represented)

Notice: The information herein is presented in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied is given. Regulatory requirements are subject to change and may differ from one location to another; it is the buyer's responsibility to ensure that its activities comply with federal, state or provincial, and local laws. The following specific information is made for the purpose of complying with numerous federal, state or provincial, and local laws and regulations. See MD Sheet for health and safety information.

U.S. REGULATIONS. SARA HAZARD CATEGORY. This product has been reviewed according to the EPA "Hazard Categories" promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions to meet the categories.

The information herein given in good faith, but not warranty express or implied is made. This MSDS Sheet is issued for the sole purpose of using the product as presented. If the product requires any alteration, please consult CoreLite, Inc. for further advise.

The logo for CoreLite, featuring the word "Core" in blue and "Lite" in red, both in a bold, sans-serif font. A registered trademark symbol (®) is located at the end of the word "Lite". A horizontal blue line is positioned below the text.