

MATERIAL SAFETY DATA SHEET

FROM:

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Release Date: December 7, 2010

Print Date: October 12, 2011

**\*\*SECTION I – PRODUCT IDENTIFICATION\*\***

TRADE NAMES .....FIBER-FOAM (EPS), CLAD FOAM  
CHEMICAL NAME ..... FIBERGLASS REINFORCED  
PLASTIC/PLYWOOD (FRP) W/EPS  
FOAM (Foam CAS 9003536)  
CHEMICAL FAMILY .....POLYESTER LAMINANTS  
DOT HAZARD CLASSIFICATION .....NOT APPLICABLE (N/A)

**\*\* SECTION II – HAZARDOUS INGREDIENTS/COMPOSITION \*\***

FIBER-FOAM® (EPS) panels are composed of laminated sheets of fiberglass and calcium carbonate – reinforcing a cured polyester resin, which is bonded to a plywood core. The laminates on one of both sides of the composite panel are finished with a protective coating of polyester gel-coat. This composite sandwiches an EPS insulating core.

**Core Only**

Pentane (CAS 109660)	<1%
Halogen Flame Retardants	<1%

**\*\* SECTION III – PHYSICAL DATA \*\***

BOILING POINT ..... N/A  
PERCENT VOLATILE ..... N/A  
VAPOR ..... N/A  
SOLUBILITY IN WATER ..... INSOLUBLE  
SPECIFIC VAPOR DENSITY ..... N/A  
APPEARANCE AND ODOR ..... SMOOTH RIGID SHEET/NO ODOR  
SPECIFIC GRAVITY ..... 60-.94 DEPENDING ON CORE AND  
FOAM THICKNESS

**\*\* SECTION IV – FIRE AND EXPLOSION INFORMATION \*\***

FLASH POINT .....	Ignition temperature higher than paper, 451F.
EXTINGUISHING MEDIA .....	Regular foam, water fog, CO2 or dry chemical.
FIRE FIGHTING PROCEDURES .....	Fire type and environment will dictate best procedures and equipment to use. Wear self-contained breathing apparatus with full-face shields when fighting heavy/large scale fires.
UNUSUAL FIRE/EXPLOSION HAZARDS .....	May form toxic materials-carbon dioxide, carbon monoxide, and various hydrocarbons. The core foam may produce dense black smoke during combustion.

**\*\* SECTION VI – HEALTH HAZARD DATA \*\***

THRESHOLD LIMIT VALUES (TLV) .....	When machining, dust levels should not exceed 30M PPCF.
PRIMARY ROUTE OF ENTRY .....	Inhalation and dermal.
EFFECTS OF OVEREXPOSURE .....	Inhalation of dust in environments exceeding TLV may cause irritations of the upper respiratory tract.

TLV MAY CAUSE IRRITATION OF THE UPPER RESPIRATORY TRACT.  
MEDICAL CONDITIONS AGGRAVATED

BY EXPOSURE .....	Any medical condition aggravated by solid irritants in the air or on the skin.
FIRST AID PROCEDURES .....	Inhalation or ingestion-none required. Eye contact-flush with large amounts of water lifting upper and lower lids occasionally. Skin contact-(itching) was with cool water and soap.

**\*\* SECTION VII – PRECAUTIONS FOR USAGE HANDLING AND USE \*\***

Steps to be taken in case material is released or spilled – N/A

WASTE DISPOSAL METHOD .....	Solid waste disposal per local, state or federal regulations.
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**\*\* SECTION VIII – CONTROL MEASURES \*\***

RESPIRATORY PROTECTION .....When machining/fabricating use  
NIOSH/MSHA approved mask for mouth  
and nose cover.  
VENTILATION .....Provide sufficient mechanical ventilation to  
maintain exposure below TLV.  
PROTECTION GLOVES .....Use when machining or fabricating.  
EYE PROTECTION .....Use safety goggles when  
machining/fabricating.

**\*\* SECTION IX – SPECIAL PRECAUTIONS AND OTHER COMMENTS \*\***

PRECAUTIONS .....Store away from open flame and sources of  
ignition. Eating or drinking should not be  
allowed in machining/fabricating area.

**Warning:** Drilling, sawing, or machining wood products generates wood dust, a substance known by the State of California to cause cancer. Avoid inhaling wood dust, or use a dust mask or other safeguards for personal protection.

THE INFORMATION ACCUMULATED HEREIN IS BELIEVED TO BE ACCURATE BUT IS NOT WARRANTED TO BE WHETHER ORIGINATED BY FIBER-TECH INDUSTRIES OR NOT. RECIPIENTS ARE ADVISED TO CONFIRM IN ADVANCE THAT THE INFORMATION IS CURRENT, APPLICABLE, AND SUITABLE FOR THEIR NEEDS. ALL CUSTOMERS/USERS ARE OBLIGATED TO DETERMINE THE CONDITIONS FOR SAFE USE OF THESE PRODUCTS.

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