

MATERIAL SAFETY DATA SHEET

FROM:

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

TRADE NAMES .....  
CHEMICAL NAME ..... FIBERGLASS REINFORCED  
PLASTIC CLAD FOAM  
CHEMICAL FAMILY ..... POLYESTER LAMINANTS  
DOT HAZARD CLASSIFICATION ..... NOT APPLICABLE (N/A)

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

Panels are composed of laminated sheets of fiberglass and calcium carbonate – reinforced and cured polyester resin, which is bonded to a plastic foam core. The laminates on one of both sides of the composite panel are finished with a protective coating of polyester gel-coat.

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

BOILING POINT ..... N/A  
PERCENT VOLATILE ..... N/A  
VAPOR ..... N/A  
SOLUBILITY IN WATER ..... LESS THAN 0.01%  
SPECIFIC VAPOR DENSITY ..... N/A  
APPEARANCE AND ODOR ..... SMOOTH RIGID SHEET/NO ODOR  
GLASS TRANSITION TEMPERATURE..... 145-175F (CORE ONLY)  
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 a sustained fire. Avoid a direct jet of water on molten plastic. Secure and segregate the water and fire waste and treat it as hazardous material.
UNUSUAL FIRE/EXPLOSION HAZARDS .....	May form toxic materials-carbon dioxide, carbon monoxide, hydrogen chloride (core) and various hydrocarbons.

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

THRESHOLD LIMIT VALUES (TLV) .....	When machining, dust levels should not exceed 10 M 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.
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.

**\*\* 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.

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