



Fiberglass Reinforced Phenolic Laminate

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

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Symptoms/injuries after inhalation	: Inhalation of dust may result in itching and upper respiratory tract irritation. Vapors may cause dizziness or suffocation.
Symptoms/injuries after skin contact	: Dusts and particulate matter may cause irritation of the skin. Contact with liquid on skin causes irritation and corrosion of tissue; continued exposure may cause dermatitis, chemical burns, and temporary loss of hair at site of contact.
Symptoms/injuries after eye contact	: Dusts and particulate matter may cause irritation of the eyes. Mechanical irritation, potentially severe, can result from eye contact with this material.
Symptoms/injuries after ingestion	: May cause toxic effects if inhaled or ingested/swallowed.
Chronic symptoms	: Persons with a history of chronic lung diseases may be at increased risk from exposure to excessive levels of nuisance dust. Persons with medical conditions generally aggravated by

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Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in tightly closed containers out of contact with the elements.
Incompatible products : Strong acids. reducing agents.
Packaging materials : Place carefully in dry, water-tight containers. Seal containers.

7.3. Specific end use(s)

Use of the substance/mixture : The laminate is designed for high impact resistant aircraft cargo compartment liner.

SECTION 8. Exposure controls/personal protection

8.1. Control parameters

Fiberglass (65 7-17-3)		
ACGIH	Not applicable	
OSHA	OSHA PEL (TWA) (mg/m ³)	3 fibers/cm ³ (fibers with diameter 3.5 µm & length 10 µm); 5 mg/m ³ TWA (total fibrous glass)

Flame retardant (3296-90-0) Particulates Not Otherwise Regulated		
ACGIH	Not applicable	
OSHA	USA Workplace Environmental Exposure Levels (WEEL)	0.2 mg/m ³ – TWA - 2,2- Bis(bromomethyl) propane-1,3-diol.

Co-Cured Phenolic Resin/Synthetic Elastomer (9003-35-4) Particulates Not Otherwise Regulated		
ACGIH	Not applicable	
OSHA	Not applicable	

8.2. Exposure controls

Appropriate engineering controls : General ventilation. Local exhaust and enclosed processes may be necessary for processes which generate large quantities of airborne dust.

Personal protective equipment : An Appropriate apron or other body covering, see above, is recommended where there is a possibility of regular work clothing becoming contaminated with the product. All soiled or dirty clothing and personal protective equipment should be thoroughly cleaned before reuse.

Eye protection : Where eye contact is possible with particulate matter, safety glasses with side shields are recommended.

Skin and body protection : Use insulated, impervious plastic or neoprene-coated canvas gloves and protective gear (apron, face shield, etc.) to protect hands and other skin areas.

Respiratory protection : If dusts or particulates are generated during handling or processing and exposures may exceed the limits cited above, use, as a minimum, a NIOSH approved ½ face piece respirator with cartridges approved for particulate matter with an exposure limit of not less than 0.05 mg/M3.

SECTION 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Solid
Appearance : Flat Sheet.
Color : Off white;brown
Odor : Sweet
Odor threshold : No data available
pH : No data available
Relative evaporation rate (butyl acetate=1) : No data available
Melting point : No data available
Freezing point : No data available
Boiling point : No data available
Flash point : No data available
Auto-ignition temperature : No data available
Decomposition temperature : No data available
Flammability (solid, gas) : No data available
Vapor pressure : No data available

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