



FRP
FIBERGLASS REINFORCED
PANELS

SAFETY DATA SHEET

SECTION I - PRODUCT AND COMPANY IDENTIFICATION

Product: **Fiberglass Reinforced Plastic (FRP)**

Recommended Use: Used for building applications
Manufacturer Information: Panolam Industries International Inc.
325 DeSoto Ave.
Morristown, TN 37813
(423) 587-1842

Emergency Contact (24 hours): CHEMTREC 1-800-424-9300

SECTION II – HAZARD IDENTIFICATION

GHS Classification: Not applicable – Non-hazardous
GHS Signal Word Not applicable – Non-hazardous
GHS Pictograms Not applicable – Non-hazardous
Hazard Statement Not applicable – Non-hazardous
Precautionary Statement May form combustible dust concentrations in air if small particles are generated during further processing, handling or by other means.

SECTION III – COMPOSITION INFORMATION

Panolam FRP panels are solid sheets which are composed of fiberglass, inorganic fillers, pigments and other additives that are embedded in a cured unsaturated polyester resin. These panels are considered as “articles” as defined in the OSHA Hazard Communication standard in 29 CFR 1910.1200 (c) and are not considered hazardous under normal use.

SECTION IV – FIRST AID MEASURES

Inhalation: Material does not vaporize. If exposed to dust remove to fresh air. Get medical attention if irritation persists, or if severe coughing or breathing difficulty occurs.

Eye Contact: Flush eyes with large amounts of water. Remove to fresh air. Get medical attention if irritation persists.

Skin Contact: Wash affected areas with soap and water. Get medical attention if rash or irritation persists or dermatitis occurs.

Ingestion: Rinse mouth with water. Get medical attention if irritation persists.

Recommendations for Immediate Medical Care/Special Treatment: None known.

SECTION V – FIREFIGHTING MEASURES

Extinguishing media: Water Fog, Carbon Dioxide, Dry Chemical, Chemical Foam.

Special Hazards: May form combustible dust concentrations in air if small particles are generated during further processing, handling or by other means.

Recommendations on Protective Equipment: Panels exposed to fire may liberate oxides of nitrogen and carbon and hydrocarbons. Firefighters should use appropriate personal protective equipment including self-contained breathing apparatus.

SECTION VI – ACCIDENTAL RELEASE MEASURES

Personal Precautions/Emergency Procedures: No special precautions required.

Environmental Precautions: No special precautions required.

Clean-up Procedures: No special procedures required.

SECTION VII – HANDLING AND STORAGE

Precautions to be taken in handling and storing: Store flat if possible. Avoid excessive heat or humidity.

Incompatibility (Materials to Avoid): None Known

SECTION VIII – EXPOSURE CONTROL /PERSONAL PROTECTION

OSHA Permissible Exposure Limits: Particulate TWA: 15.0 mg/m³ (total dust)
TWA: 5.0 mg/m³ (respirable fraction)

Ventilation controls: When dust is created use local ventilation where required to maintain airborne levels below OSHA PELs

Hand protection: Gloves may be worn to prevent contact with rough laminate edges.

Eye protection:	Safety glasses or goggles are recommended when machining this material.
Respiratory protection:	None should be required during normal operations. When dust is generated a NIOSH approved respirator may be used when exposure levels to dust are thought to be above regulated values.
Body protection:	No special precautions are required. If exposed to dust wash with soap and water to remove any material from the skin.
Foot protection:	Safety shoes.
General Hygiene/Safety Measures:	Wear protective clothing as necessary to prevent contact. Wash soiled clothing immediately. Vent containers before melting the material.

SECTION IX - PHYSICAL DATA

Appearance:	Rigid, solid sheet. Various surface colors/textures.
Odor:	Odorless
Odor Threshold:	Not applicable
pH:	Not applicable
Melting Point:	Not applicable
Boiling point:	Not applicable
Flash Point:	Not applicable
Flammability:	Not applicable
Lower Explosion Limit:	Not available
Upper Explosion Limit:	Not available
Autoignition:	>450° F
Decomposition Temperature:	Not available
Vapor pressure:	Not applicable
Specific gravity:	>1
Vapor density:	Not applicable
Partition Coefficient n-octanol/water:	Not applicable
Viscosity:	Not applicable
Solubility in water (% by weight):	Insoluble
Evaporation rate (Butyl acetate = 1):	Not applicable

SECTION X – STABILITY AND REACTIVITY

Reactivity:	Stable under normal conditions of storage and use.
Chemical Stability:	Stable under normal conditions of storage and use.
Possibility of Hazardous Reactions:	None Known.
Conditions to Avoid:	Exposure to moisture. Storage at low or high temperatures.
Incompatibility (Materials to Avoid):	None Known.
Hazardous decomposition products:	Combustion of the material can release styrene and oxides of nitrogen and carbon.

SECTION XI- TOXICOLOGICAL PROPERTIES

Route of Entry: Skin contact Skin absorption Eye contact
 Inhalation Ingestion

EFFECTS OF ACUTE EXPOSURE:

Inhalation: Not considered a problem under normal use. Dust generated during machining can cause short-term irritation of the mouth, nose, throat or upper respiratory tract.
Eye Contact: Not considered a problem under normal use. Contact with dust generated during machining can cause short-term irritation.
Skin Contact: Not considered a problem under normal use. Contact with dust generated during machining can cause skin irritation.
Skin Absorption: Not likely to occur
Ingestion: Not considered a problem under normal use.

Toxicity: LD₅₀: Not available
 LC₅₀: Not available
Irritancy: Not available
Sensitization: Not available
Carcinogenicity: Not available
Reproductive toxicity: Not available
Teratogenicity: Not available
Mutagenicity: Not available
Toxicologically synergistic products: Not available

Symptoms of Exposure: No significant reaction to the product is expected.

SECTION XII – ECOLOGICAL INFO

Toxicity: No information available.
Biodegradation and Elimination: Not readily biodegradable.
Bioaccumulation Potential: No information available.
Mobility: No information available.
Additional Information: No additional information available.

SECTION XIII – DISPOSAL CONSIDERATIONS

Waste disposal method:	This product is not considered a hazardous waste under EPA Hazardous Waste Regulations 40 CFR Part 261, however, State and local requirements for waste disposal may differ and should be reviewed. Can be landfilled or incinerated in accordance with local, provincial, state, federal regulations. Do not discharge substance/product into sewer system.
Container disposal	Dispose of in accordance with local, provincial, state, federal regulations.

SECTION XIV – TRANSPORT INFORMATION

PIN Number	Not applicable.
TDG Shipping Name	Not applicable.
TDG Hazard Class	Not applicable.
DOT Class	Not regulated.
IATA	Not regulated.
IMDG	Not regulated.

It is the responsibility of the transporting organization to follow all applicable laws, regulations, and rules relating to the transportation of the material.

SECTION XV – REGULATORY INFORMATION

NFPA Rating: Health: 1 Flammability: 0 Reactivity: 0
HMIS Rating: Health: 1 Flammability: 0 Reactivity: 0

OSHA (29CFR 1910.1200): See Section II of MSDS.

TSCA: All components are listed on the TSCA Inventory.

CERCLA RQ: This product contains the following chemical(s) which have reportable quantities:

None

SARA 311/312: Immediate (Acute) Health Hazard: No
 Delayed (Chronic) Health Hazard: No
 Fire Hazard: No
 Reactive Hazard: No
 Sudden Release of Pressure Hazard: No

SARA 313: This product does not contain chemical(s) in concentrations which should require reporting under SARA 313.

SECTION XVI – OTHER INFORMATION

Revision Date: 5/7/15

DISCLAIMER:

The information and data herein are believed to be accurate and have been compiled from sources believed to be reliable. It is offered for your consideration, investigation and verification. Buyer assumes all risk of use, storage and handling of the product in compliance with applicable federal, state, provincial and local laws and regulations. Panolam Industries makes no warranty of any kind, express or implied, concerning the accuracy or completeness of the information and data herein. The implied warranties of merchantability and fitness for a particular purpose are specifically excluded. Panolam Industries will not be liable for claims relating to any party's use of or reliance on information and data contained herein regardless of whether it is claimed that the information and data are inaccurate, incomplete or otherwise misleading.