

MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Material name	Molding Accessories for frp panels
Revision date	12-02-2011
Version #	01
Chemical description	Flexible PVC compounds
Product code	M.Molding, V.Molding
Product use	Trim pieces that are used between panels to cover the expansion / contraction joings.
Synonym(s)	Polypropylene Moldings * Polyvinyl Chloride Moldings
Manufacturer/Supplier	Crane Composites Inc 23525 W. Eames Street Channahon, IL 60410-3220 US
Telephone number	815-467-8600

2. Hazards Identification

Physical state	Solid.
Appearance	Finished products are 8,10, and 12 foot pieces in several shapes and colors.
Emergency overview	Low hazard under normal conditions.
OSHA regulatory status	This product is an article pursuant to 29 CFR 1910.1200 and, as such, is not subject to the OSHA Hazard Communication Standard.
Potential health effects	
Eyes	Direct contact with eyes may cause temporary irritation.
Skin	Health injuries are not known or expected under normal use.
Inhalation	Health injuries are not known or expected under normal use.
Ingestion	Ingestion is not likely to be a primary route of occupational exposure.
Target organs	Eyes. Skin.
Signs and symptoms	May cause temporary irritation on skin or eye contact.

3. Composition / Information on Ingredients

The manufacturer lists no ingredients as hazardous according to OSHA 29 CFR 1910.1200.

Composition comments	Flexible PVC compounds may contain one or more of the following ingredients that by themselves may be considered hazardous: Organometallic Stabilizers, Phthalate Esters, Inorganic Fillers, Pigments.
-----------------------------	--

4. First Aid Measures

First aid procedures	
Eye contact	Flush eyes with water as a precaution. Get medical attention if irritation develops or persists.
Skin contact	Wash with water and soap as a precaution. Get medical attention if irritation develops or persists.
Inhalation	Not applicable.
Ingestion	First aid is normally not required. Ingestion of large amounts may cause gastrointestinal symptoms.
Notes to physician	Treat symptomatically.

5. Fire Fighting Measures

Flammable properties	Will burn if strongly heated and when involved in fire.
Extinguishing media	
Suitable extinguishing media	Use fire-extinguishing media appropriate for surrounding materials.
Fire fighting equipment/instructions	Selection of respiratory protection for firefighting: follow the general fire precautions indicated in the workplace.

Hazardous combustion products During fire, gases hazardous to health may be formed.

6. Accidental Release Measures

Personal precautions No special precautions.
Environmental precautions No specific precautions.
Methods for cleaning up No specific clean-up procedure noted.
Other information Collect and dispose of spillage as indicated in Section 13 of the MSDS.

7. Handling and Storage

Handling Do not eat, drink or smoke when using the product. Observe good industrial hygiene practices.
Storage Store away from incompatible materials. Keep away from heat, sparks and open flame.

8. Exposure Controls / Personal Protection

Occupational exposure limits No exposure limits noted for ingredient(s).
Engineering controls Ventilate as needed to control airborne dust. Use explosion-proof ventilation equipment if airborne dust levels are high.
Personal protective equipment
Eye / face protection Use tight fitting goggles if dust is generated by machining operation.
Skin protection Wear protective gloves, long pants and long sleeves when machining, cutting, drilling, etc.
Respiratory protection Under normal conditions, respirator is not normally required. In case of inadequate ventilation or risk of inhalation of dust, use suitable respiratory equipment with particle filter.
General hygiene considerations Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical & Chemical Properties

Appearance Finished products are 8,10, and 12 foot pieces in several shapes and colors.
Color Various.
Odor Odorless.
Odor threshold Not available.
Physical state Solid.
Form Solid.
pH Not available.
Melting point Not available.
Freezing point Not available.
Boiling point Not available.
Flash point Not available.
Evaporation rate Not available.
Flammability limits in air, upper, % by volume Not available.
Flammability limits in air, lower, % by volume Not available.
Vapor pressure Not available.
Vapor density Not available.
Specific gravity 1.1 - 1.5 (water = 1)
Solubility (water) Insoluble.
Partition coefficient (n-octanol/water) Not available.
Auto-ignition temperature Not available.
Decomposition temperature Not available.

10. Chemical Stability & Reactivity Information

Chemical stability Stable under normal temperature conditions.

Conditions to avoid	None under normal conditions.
Incompatible materials	Alkalies. Strong acids. Oxidizing agents.
Hazardous decomposition products	Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.
Possibility of hazardous reactions	Hazardous polymerization does not occur.

11. Toxicological Information

Acute effects	None known.
Local effects	Dusts may irritate the respiratory tract, skin and eyes.
Sensitization	Not a skin sensitizer.
Carcinogenicity	Not classified.
Mutagenicity	Not classified.
Reproductive effects	Not classified.

12. Ecological Information

Ecotoxicity	Not expected to be harmful to aquatic organisms.
Persistence and degradability	No data available.
Bioaccumulation / Accumulation	No data available.
Partition coefficient (n-octanol/water)	Not available.
Mobility in environmental media	The product is insoluble in water.

13. Disposal Considerations

Disposal instructions	Dispose of in accordance with all applicable regulations.
------------------------------	---

14. Transport Information

DOT

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

TDG

Not regulated as dangerous goods.

15. Regulatory Information

US federal regulations	This product is an article pursuant to 29 CFR 1910.1200 and, as such, is not subject to the OSHA Hazard Communication Standard.
-------------------------------	---

TSCA Section 12(b) Export Notification(40 CFR 707, Subpt. D)

Not regulated.

CERCLA (Superfund) reportable quantity (lbs) (40 CFR 302.4)

None

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories	Immediate Hazard - No Delayed Hazard - No Fire Hazard - No Pressure Hazard - No Reactivity Hazard - No
--------------------------	--

Section 302 extremely hazardous substance (40 CFR 355, Appendix A)	No
---	----

Section 311/312 (40 CFR 370) No

Drug Enforcement Administration (DEA) (21 CFR 1308.11-15) Not controlled

WHMIS status Non-controlled

Inventory status

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	No

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

State regulations This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

16. Other Information

HMIS® ratings Health: 0
Flammability: 0
Physical hazard: 0

NFPA ratings Health: 0
Flammability: 0
Instability: 0

Disclaimer The information in the sheet was written based on the best knowledge and experience currently available.

Issue date 12-02-2011