

MATERIAL SAFETY DATA SHEET

FRP Resin Transfer Molded Parts

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Established 6/26/09

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Resin Transfer Molded FRP - including parts:

COM900010 CONED 54X23.75 COMP S PANEL
COM900015 CONED 37.5X23.75 COMP MIDBLOCK PANEL

Chemical Family: N/A
Intended Use: General Purpose

MANUFACTURER: GMI Composites Inc.
1355 W. Sherman
Muskegon Heights, MI. 49444

EMERGENCY PHONE: (231)755-1611

II. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Component Name</u>	<u>Percent</u>
Polymerized Vinyl Ester-Based Resin	55% by weight
Fiberglass Roving	40% by weight
Inorganic Filler	5 % by weight

III. HAZARDOUS IDENTIFICATION

Emergency Overview:

Appearance: Solid profile, various colors, odor-slight (styrene)

Route (s) of entry:

Inhalation, skin and eye contact.

Acute Exposure:

INHALATION: Inhalation of dust may cause irritation to the respiratory tract (nose, throat, and lungs). **SKIN:** Repeated or prolonged contact may dry and irritate the skin. **EYES:** Direct contact with this material may cause eye irritation including tearing and redness. **INGESTION:** Ingestion is not an anticipated route of exposure for this material in industrial use.

Chronic Exposure:

No data is available on the health effects of chronic exposure to this material.

Carcinogenicity:

This material does not contain 0.1% or more of any chemical listed by the International Agency for Research on Cancer (IARC) the National Toxicology

Program (NTP), or regulated by the Occupational Safety and Health Association (OSHA) as a carcinogen.

IV. FIRST AID MEASURES

Eye Contact:

Immediately flush eyes with large quantities of clean water for at least 15 minutes. Get immediate medical attention.

Skin Contact:

Wash skin with soap and water. Remove contaminated clothing. Get medical attention if irritation develops or persists. Wash contaminated clothing before reuse.

Inhalation:

Remove victim to fresh air. Keep warm and quiet. Seek medical attention if breathing difficulty develops.

V. FIRE FIGHTING MEASURES

Flash Point:	Not applicable
Flash Point Method Used:	Not available
Flammable Limits in Air (Lower):	Not applicable
Flammable Limits in Air (Upper):	Not applicable
Autoignition:	Not available

General Hazards:

Nuisance Dust generated in cutting and grinding operations: Use alcohol foam, Carbon dioxide, or water spray to extinguish fire.

Fire Fighting Equipment:

Wear self-contained breathing apparatus (SCBA) and full fire-fighting protective clothing. Thoroughly decontaminate all protective equipment after use.

Fire Fighting Instruction:

Evacuate all person from the fire area. Move non-burning material, as feasible, to a safe location as soon as possible.

VI. ACCIDENTAL RELEASE MEASURES

No special precautions are necessary for this material in its normal solid form.

VII. HANDLING AND STORAGE

Handling Information:

Avoid inhalation if nuisance dust is generated when cutting or grinding. Use eye protection. Wear long sleeved, loose fitting clothing. Wash hands thoroughly after handling and before eating or drinking.

Storage Information:

Store in original containers. Store in a dry area.

VIII. EXPOSURE CONTROL METHODS/ PERSONAL PROTECTION

Engineering Controls:

The use of general or local exhaust ventilation may be required to maintain exposure below the regulatory or recommended occupational exposure limits.

Eye Protection:

Wear safety glasses with side shields or goggles.

Skin Protection:

As required to prevent prolonged or repeated skin contact.

IX. PHYSICAL AND CHEMICAL PROPERTIES

Color:	Various
Odor:	Odorless (styrene)
Physical State:	Solid
Solubility in Water:	Insoluble
Vapor Pressure:	Not applicable
Specific Gravity:	1.7 at 25 degrees C
Boiling Point:	Not applicable
Melting Point:	Not available
Freezing Point:	Not applicable
Evaporation Rate:	Not available
Vapor Density:	Not applicable
% Volatile:	Negligible
VOC Content:	Negligible
pH:	Not applicable

X. STABILITY AND REACTIVITY

Stability:	This material is stable during storage and during its intended use.
Incompatibility:	Not applicable.
Hazardous Decomposition Products:	Hazardous Decomposition Thermal decomposition may produce CO, CO ₂ and various trace Hydrocarbons.
Hazardous Polymerization:	Hazardous Hazardous polymerization will not occur.

XI. TOXICOLOGICAL INFORMATION

Chronic/Carcinogenicity:

This material does not contain 0.1% or more of any chemical listed by the International Agency for Research on Cancer (IARC) the National Toxicology Program (NTP), or regulated by the United States Occupational Safety and Health Administration (OSHA) as a carcinogen.

Additional Information:

No toxicological data is available for the product. Based on properties and similar polymers, the polyester resin is not hazardous.

XII. DISPOSAL CONSIDERATIONS

Waste Disposal Method:

Not a RCRA hazardous waste. Disposal of this material is not regulated under RCRA. Consult federal, state and local regulations to ensure that this material and its containers, if discarded, is disposed of in compliance with all regulatory requirements.

RCRA Hazard Class:

NOT A RCRA HAZARDOUS WASTE: When discarded in its purchased form, this material would not be regulated as a RCRA Hazardous waste under 40 CFR 261.

X111. TRANSPORT INFORMATION

DOT / IATA / IMDG / TDG: Bulk and Non-Bulk
Proper shipping name: Not regulated.

XIII. REGULATORY INFORMATION

Occupational Safety and Health Act (OSHA):

This material is not classified as hazardous under the criteria of the US OSHA Hazard Communication Standard, 29 CFR 1910.1200.

SARA Title III: Section 304 – CERCLA

Reportable Quantities have not been established for any of this material's components.

TSCA Section 8 (b) – Export Notification:

This material does not contain any components that are subject to the US TSCA Section 12 (b) Export Notification requirements.

Canadian Inventory Status:

All components of this material are listed on the Canadian Domestic Substances List. (DSL)
Canadian WHMIS:
This material is not classified as a controlled product under the Canadian Workplace Hazardous Material Information System.

XIV. OTHER INFORMATION

Disclaimer:

This information is provided in good faith and is correct to the best of GMI Composites, Inc. knowledge as of the date hereof and is designed to assist our customers; however, GMI Composites Inc. makes no representation as to its completeness or accuracy. Our products are intended for sale to industrial and commercial customers. **THERE ARE NO WARRANTIES OR REPRESENTATIONS, EXPRESS OR IMPLIED, INCLUDING THOSE OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO THIS INFORMATION OR TO THE PRODUCT IT DESCRIBES. IN NO EVENT SHALL GMI Composites Inc. BE LIABLE FOR SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES.**

Material Safety Data Sheet
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