

MATERIAL SAFETY DATA SHEET

CURED THERMOSET RESIN PRODUCTS

I. 24-HOUR EMERGENCY CONTACT INFORMATION

CHEM-TEL United States 800-255-3924
International 813-248-0585

II. HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

Component Identification	CASRN	OSHA PEL	ACGIH TLV	% (by weight)
Cured Thermoset Resin	NA	15 mg/m ³ (total dust)	10 mg/m ³ (inhalable dust)	30 – 70
Fiberglass (continuous filament)	0065977-17-3	5 mg/m ³ (respirable dust)	3 mg/m ³ (respirable dust)	30 – 85
<i>See Comments Below</i>	Various			Balance

The materials covered by this MSDS may be composed of thermoset resin, fillers, pigments, processing additives, and fiberglass. During manufacturing or field processing, the mixture is cured or hardened into a stable, solid material that is non-hazardous when handled or processed in accordance with good manufacturing and industrial hygiene practices.

Product Description **FIBERGLASS REINFORCED PLASTIC (FRP)**

III. PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point Not Applicable
Melting Point Not Applicable
Vapor Pressure Not Applicable
Vapor Density (Air = 1) Not Applicable
Specific Gravity (Water = 1) 1.5 – 2.0
Evaporation Rate (butyl acetate = 1) Not Applicable
pH Not Applicable
Appearance and Odor Variable Color, Odorless
Odor Threshold Not Applicable

IV. FIRE and EXPLOSION HAZARDS

Flash Point Not Applicable
Autoignition Temperature Not Applicable
LEL / UEL Not Applicable
Extinguishing Media Water, Foam, or Type A, B, or C Extinguisher
NFPA Ratings Health (1) – Flammability (1) – Reactivity (0)

Special Firefighting Procedures: In a sustained fire, a self-contained breathing apparatus should be worn to avoid breathing products of decomposition.

Fire and Explosion Hazards: None, although product may burn if exposed to flames or sufficient heat.

V. REACTIVITY DATA

Stability Stable
Hazardous Polymerization Will Not Occur
Conditions to Avoid Not Applicable
Incompatibilities Not Applicable
Hazardous Decomposition Products Unknown

VI. HEALTH HAZARD DATA

Route(s) of Entry: Inhalation..... Yes
 Skin..... Yes
 Ingestion..... Not Expected

Acute (Short-Term) Health Effects: Dust generated from cutting or sanding may cause moderate irritation to the eyes, skin, and upper respiratory tract. Effects may be more pronounced in sensitive individuals.

Chronic (Long-Term) Health Effects: Repeated or prolonged contact with the skin may cause dermatitis and skin sensitization. Repeated or prolonged exposure to excessive dust levels may result in respiratory system effects.

Carcinogenicity: None of the chemicals in this product are classified as known or potential human carcinogens by the National Toxicology Program (NTP), the International Agency for Research on Cancer (IARC), or OSHA.

Signs and Symptoms of Exposure: Signs and symptoms following exposure to this product will generally be related to the dusts generated when cutting or sanding and may include irritation (itching) of the skin, irritation to the eyes, and irritation to the respiratory tract.

Medical Conditions Generally Aggravated by Exposure: Existing skin or respiratory disorders may be aggravated upon dust exposure.

Emergency and First Aid Procedures:

Inhalation: No adverse effects anticipated.

Skin Contact: Gently wash all affected skin areas thoroughly with soap and water.

Ingestion: No adverse effects anticipated by this route of exposure incidental to proper handling.

HMIS Ratings Health (1) – Flammability (1) – Reactivity (0)

VII. PRECAUTIONS FOR SAFE HANDLING and USE

Steps to be Taken in Case Material is Released or Spill: Not applicable.

Waste Disposal Method: Disposal must be in accordance with applicable laws.

Precautions to be Taken in Handling and Storage: No specific precautions.

VIII. CONTROL MEASURES

Respiratory Protection: Such protection as to maintain employee exposures below prescribed limits.

Ventilation: A system of local and/or general exhaust is recommended when cutting or sanding.

Hand Protection: None specifically required.

Eye Protection: ANSI-approved safety glasses with side shields when cutting or sanding.

Other: None specifically recommended.

IX. REGULATORY INFORMATION (Not meant to be all-inclusive)Hazardous Materials Transportation Act (HMTA)

This material should be classified as follows:

Proper Shipping Name Non-Regulated
 Hazard Class..... Not Applicable
 Identification Number Not Applicable
 Packaging Group Not Applicable
 Label Required..... Not Applicable

Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)

This produce contains the following CERCLA Section 102(a) hazardous substance(s) as listed in 40 CFR 302.4:

Identity	CASRN	% (by weight)	Reportable Quantity (RQ)
None			

Superfund Amendment and Reauthorization Act (SARA)

This product contains the following SARA Title III Section 302 extremely hazardous substance(s) as listed in 40 CFR Part 355:

Identify	CASRN	% (by weight)
None		

SARA Title III Section 311/312 hazardous categorization:

This product has been reviewed according to the EPA hazard categories promulgated under SARA Tile III Section 311 and 312 and is considered to meet the following hazard categories:

- An immediate (acute) health hazard (*when exposed to dusts*)

This product contains the following SARA Title III Section 313 toxic substance(s) as listed in 40 CFR Part 372:

Identify	CASRN	% (by weight)
None		

Toxic Substances Control Act (TSCA)

All ingredients are on the TSCA inventory or are not required to be on the inventory.

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