

Section 1: Identification

Product Name: Edgemold Custom Casting

Product Traits: Continuous Polyurethane

Supplier Information: Fiberesin Industries Inc.
37031 E. Wisconsin Ave.
PO Box 88, Oconomowoc, WI 53066
262-567-4427

Emergency Phone Number: CHEMTREC (800) 424-9300 (USA)
(703) 527-3887 (International)

Section 2: Hazards Identification


Material Classification: Non-Hazardous

GHS Label Elements:

Hazard Pictograms- NA

Signal Word- Non-Hazardous

Hazard Statements- Product is considered non-hazardous.

NFPA Rating:  Health-0 Fire-1 Reactivity-0 Special-None

Precautionary Statements: Fine particle dust may be combustible during handling and processing. Dust or fumes from processing may cause skin/lung irritation.

Section 3: Composition & Information On Components

Component	CAS Number	Composition	Component Information
Polyurethane Resin	None	100%	Cured polyurethane resin cast to fulfill the customer request. Product is considered to be non-hazardous during normal use.
Edge Dye	Redacted	Trade Secret	Dye types vary by selection, depending on the customer's needs. Dyes are considered to be non-hazardous during normal use.

Section 4: First-Aid Measures

Descriptions of First Aid:

- Eye Contact-*** Product is a non-hazardous solid. Fabrication operations such as milling, grinding, or cutting may produce particles that may irritate the eyes. In case of contact, rinse eyes with water for 15 minutes; if irritation persists, seek medical attention.
- Respiratory Contact-*** Product is a non-hazardous solid. Fabrication operations such as milling, grinding, or cutting may produce particles or fumes that may cause irritation to the respiratory track. If irritation persists, seek medical attention.
- Skin Contact-*** Product might be abrasive, and sharp edges may break the skin; wear gloves during product transportation. Fabrication operations such as milling, grinding, or cutting may produce particles that may irritate the skin and aggravate existing skin conditions; wash with soap and water. If irritation persists, seek medical attention.
- Ingestion-*** The product is not designed for ingestion and is not to be expected to be consumed during normal use. If consumed do not induce vomiting and seek appropriate attention.

Medical Treatments: No special medical treatments are required.

Section 5: Fire-Fighting Measures

- Suitable Extinguishing Media:** Appropriate extinguishing media include, but are not limited to: Water Fog, Carbone Dioxide, Dry Chemical, Chemical Foam, and Full Water Jet.
- Unsuitable Extinguishing Media:** No inappropriate extinguishing media has been recorded.
- Hazards During Decomposition:** During decomposition Carbon-Oxides (CO and CO₂) and various Hydrocarbons may be released. Additionally, a variety of isocyanates may be released.
- Fire Fighter Recommendations:** Self-contained breathing apparatus and appropriate apparel for surrounding fires is recommended.

Section 6: Accidental Release Measures

Non-Emergency Personal:	Product is a non-hazardous solid.
Emergency Responders:	Product is a non-hazardous solid.
Environmental Precautions:	Product poses no environmental concern.
Material Clean Up:	Product is a non-hazardous solid. Use of sound judgment when cleaning will limit any potential risk.

Section 7: Handling and Storage

Handling Precautions:	Handling should follow normal good hygiene practices: protect skin from cuts and abrasions, minimize dust generation and accumulation, practice routine housekeeping, etc.
Storage Conditions:	Product should be stored in a dry, well-ventilated area. Exposure to excess moisture may produce pre-mature delamination and visual imperfections.

Section 8: Exposure Control & Personal Protection

Occupational Exposure Limits:	Dust PNOR OSHA PEL: TWA 5 mg/m ³ (Respirable) OSHA PEL: TWA 15 mg/m ³ (Total)
Engineering Controls:	Provide adequate ventilation to maintain exposure levels of dust particles bellow acceptable limits.
Environmental Controls:	Dust generated is a Class ST-1 and precautions recommended by NFPA-68 should be followed.

Personal Protection:

<i>Eye and Face Protection-</i>	Wear safety glasses with side shields during fabrication that produces chips, dusts, or fines.
<i>Respiratory Protection-</i>	Respirators must be used if OSHA PEL for laminated dust is exceeded; recommended during fabrication.
<i>Hearing Protection-</i>	Hearing protection should be used during fabrication.
<i>Hand Protection-</i>	Use of appropriate gloves is recommended when handling and processing the uninstalled product to protect against cuts and abrasions from sharp edges.
<i>Body Protection-</i>	Use of sound judgment shall limit the need for any additional body protection.

Section 9: Physical and Chemical Properties

Physical State	Product is a solid polyurethane.
Odor	Product has no significant odor.
Solubility	Product is not soluble in water.

Section 10: Stability and Reactivity

Reactivity	Product is non-reactive during intended use.
Chemical Stability	Product is stable during regular use.
Hazardous Reactions:	Product only hazardously reacts during catastrophic thermal decomposition.
Hazards During Decomposition:	During decomposition Carbon-Oxides (CO and CO ₂) and various Hydrocarbons may be released. Additionally, a variety of isocyanates may be released.
Conditions to Avoid:	Product should be removed from environments that are at a risk of being at an elevated temperature that are abnormal to the products intended use.
Incompatible Materials:	Product should be removed from environments with strong acids or bases.

Section 11: Toxicological Information

Toxicological Effects:

<i>Acute Toxicity-</i>	Product has not been tested, but it is not expected to be toxic to humans or animals.
<i>Irritation & Corrosion-</i>	Dust particles or fumes generated in the fabrication of the product may cause mild irritation to the skin, eyes, or respiratory track. Those with pre-existing conditions may be more sensitive and should proceed accordingly.
<i>Sensitization-</i>	Susceptible persons might be subject to sensitization.
<i>Mutagenicity-</i>	The risk of mutagenicity is not expected.
<i>Carcinogenicity-</i>	This product does not contain any known carcinogen.
<i>Reproductive Toxicity-</i>	The risk of reproductive function loss has not been reported.

Acute Health Effects:

<i>Eye Contact-</i>	Not considered an issue under normal use. Dust and fumes generated during fabrication may cause irritation; if irritation persists seek medical attention.
<i>Respiratory Contact-</i>	Not considered an issue under normal use. Dust and fumes created during fabrication may cause irritation; if symptoms persist seek medical attention.
<i>Skin Contact-</i>	Not considered an issue under normal use. Dust and fumes generated during fabrication may cause irritation; if irritation persists seek medical attention.
<i>Ingestion-</i>	The product is not designed for ingestion and is not to be expected to be consumed during normal use.

Section 12: Ecological Information

Eco-Toxicity:	No distinguishable eco-toxins when cured.
Degradability:	Thermosetting resins do not decompose readily.
Bioaccumulative Potential:	Not expected to absorb or diffuse any harmful chemicals.
Mobility in Soil:	Not expected move within the environment.
Other Adverse Effects:	No additional information available.

Section 13: Disposal Information

EPA Hazardous Waste Number:	Product has no RCRA.
Disposal Methods:	Product is not classified as hazardous waste. Dispose in accordance with federal, state, and local regulations.

Section 14: Transport Information

Precautions for User:	Product is non-toxic and no special accommodations or restrictions are necessary for its transport. Gloves are recommended during loading, unloading, and packaging to prevent against cuts and abrasions from sharp edges.
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Section 15: Regulatory Information

U.S. Federal Regulations:	Product has no federal restrictions or regulations.
U.S. State Regulations:	None

Section 16: Additional Information

Date of Issue:	July 26 th , 2016
Date of Previous Issue:	NA
Version:	R-0
Authorized By:	Technical Services Director

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