

Section 1 Identification
Product identifiers

Product name: Freeman RenG10

Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Lightweight glass epoxy laminate dieboard

Details of the supplier of the safety data sheet

Freeman Manufacturing and Supply Company

1101 Moore Road, Avon, OH 44011

Phone (440) 934-1902

FAX (440) 934-7200

HMIS

H	1
F	1
R	0

PPE

Sec. 8

24 Hour Emergency Phone Number: (800) 424-9300

Section 2 Hazards Identification
Classification of the substance or mixture

Not a hazardous substance or mixture.

GHS Label elements, including precautionary statements

Not a hazardous substance or mixture

No signal word

Potential Hazards not otherwise classified (HNOC) or not covered by GHS

Dust when machined or punched may cause skin or eye irritation. Fumes, if decomposed, may irritate eyes, nose, and throat.

Section 3 Composition/Information on Ingredients
Substance

No hazardous ingredients at reportable levels are found in this product.

Section 4 First Aid Measures

Skin: Wash dust off in flowing water or shower. Change contaminated clothing.

Eyes: Irrigate with flowing water for 15 minutes. If irritation persists, consult a physician.

Inhalation: If overcome by dust or smoke, remove to fresh air. If not breathing, give mouth-to-mouth resuscitation. Call physician.

Ingestion: If large amounts are ingested, consult physician.

Advice to Physician: Treat symptomatically

Most important symptoms and effects, both acute and delayed

Eye contact: Dust may cause moderate eye irritation. Fumes may irritate eyes.

Inhalation: Fibrous glass dust could be released from the fiberglass cloth substrate when machined. The TLV per ACGIH for fibrous glass dust is 10 mg/m³. TWA for particles <5 microns in diameter.

Skin contact: Dust may cause moderate skin irritation.

Ingestion: Not determined

Delayed Effects: Product is reinforced with continuous filament fiber glass. Dust generated from cutting, grinding, machining, etc., would not be expected to produce respirable particles. IARC considers continuous glass filaments as unclassifiable or probably non-carcinogenic.

Section 5 Fire-Fighting Measures
Extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special hazards arising from the substance or mixture

May give off carbon monoxide and carbon dioxide when burning or when heated to decomposition.

Advice for firefighters

Wear proper protective equipment and positive pressure self-contained breathing apparatus.

Section 6 Accidental Release Measures

Not applicable, material is an article.

Section 7 Handling and Storage
Precautions for safe handling

Avoid breathing dusts generated by machining or punching this product. Avoid fumes or vapors generated from heating this product. Use in a well-ventilated location.

Conditions for safe storage, including any incompatibilities

Store in a dry, cool, clean, and ventilated area to avoid heat and humidity. Dust is an explosion hazard if a dust cloud contains an ignition source. No chemical incompatibilities.

Section 8 Exposure Controls/Personal Protection
Components with workplace control parameters

Ingredient Name	CAS #	CGIH TLV	OSHA PEL
Fibrous Glass Dust	65997-17-3	10 mg/m ³	None

Exposure controls
Appropriate engineering controls

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of mists and/or vapors below the recommended exposure limits.

Personal protective equipment
Skin Protection

For brief contact to dust, no precautions other than clean body-covering clothing should be needed. Use gloves and aprons when prolonged or frequently repeated contact occurs.

Eye Protection

Use appropriate eye protection when machining material.

Respiratory Protection

Atmospheric levels of fibrous glass dust should be maintained below exposure guidelines. When respiratory protection is required for certain operations, use a NIOSH-approved dust respirator.

Section 9 Physical and Chemical Properties

Appearance:	Solid, flat sheet
Odor:	Odorless
Odor Threshold:	None
pH:	None
Melting Point/Freezing Point:	Not applicable
Initial Boiling Point:	Not applicable
Evaporation Rate:	Not applicable
Flash Point:	Not applicable
Flammability:	Not applicable
Upper/Lower Flammability or Explosive Limits:	Not applicable
Vapor Pressure:	Not applicable
Vapor Density:	Not applicable
Specific Gravity:	1.80
Solubility:	Insoluble
Partition Coefficient:	Not known
Auto-ignition Temperature:	Not known
Decomposition Temperature:	Not known
Volatility:	Not applicable
Viscosity:	Not applicable

Section 10 Stability and Reactivity**Reactivity**

None

Chemical stability

This product is stable

Possibility of hazardous reactions

None

Incompatible materials

Incompatibilities have not been determined

Hazardous decomposition products

Carbon monoxide, carbon dioxide, oxides of nitrogen if heated in excess of 300°C

Section 11 Toxicological Information

May cause moderate eye, skin and throat irritation.

Delayed (Subchronic & Chronic) Effects

NTP has determined that respirable size glasswool may be reasonably anticipated to be a carcinogen. IARC has also classified glasswool as a possible carcinogen. Our product is reinforced with continuous filament fiber glass. Dust generated from the cutting, grinding, machining, etc., would not be expected to produce respirable particles. IARC considers continuous glass filaments as unclassifiable or probably non carcinogenic.

Other Data

The toxicity of the combustion products was evaluated in a similar product with 95% confidence limits, the LC50 was calculated (Probit Analysis) to be 40.4 (32.3-69.9) mg/L. The LC50 of the standard reference material, Douglas fir, is 27.1 mg/L.

Section 12 Ecological Information

Toxicity	No data available
Persistence and degradability	Not biodegradable
Bioaccumulative potential	No data available
Mobility in soil	No data available
Results of PBT & vPvB assessment	No data available

Section 13 Disposal Considerations

Not considered a RCRA hazardous waste if discarded. Disposal must be made in accordance with all applicable Local, State and Federal regulations. The information offered here is for the product as shipped. Use and/or alterations to the product such as mixing with other materials may significantly change the characteristics of the material and alter the RCRA classification and the proper disposal method.

Section 14 Transport Information

DOT: Not regulated
TDG: Not regulated
IMDG: Not regulated
IATA: Not regulated

Section 15 Regulatory Information

RCRA Hazardous Waste Number (40 CFR 261.33): Not listed
 RCRA Hazardous Waste Classification (40 CFR 261): Not classified
 SARA 313 "Toxic Chemicals": No components were identified
 TSCA Inventory Status: The resin system components used to make this material are on the TSCA inventory list.

Section 16 Other Information
Disclaimer

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