

Material Safety Data Sheet

HobbyCast 110 Part B

Date of Preparation: 1/20/04

Revision:

Section 1 - Chemical Product and Company Identification

Product/Chemical Name: HobbyCast 110 Part B

Chemical Formula: Polyol

CAS Number: N/A

Other Designations: N/A

Intended Use or Product Type: Unfilled polyurethane casting system

Manufacturer: Freeman Manufacturing and Supply Company, 1101 Moore Road, Avon, OH 44011,
Phone (440)934-1902, FAX (440)934-7200, Hours of Operation 8-5, Emergency Phone Number 800-424-9300.

HMIS

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PPE†

†Sec. 8

☆☆☆☆☆ Emergency Overview ☆☆☆☆☆

Causes irritation if inhaled and can cause skin irritation, eye irritation, and allergic skin reaction.

Section 2 - Composition / Information on Ingredients

Chemical Identity	CAS No.	Exposure Limits OSHA		Exposure Limits ACGIH		MFR
		PEL	STEL	TWA	STEL	
2,2,4-Trimethyl-1,3-Pentanediol Diisobutyrate Common Name: Trimethyl pentanediol diisobutyrate *	6846-50-0	none estab.	none estab.	none estab.	none estab.	none estab.
Poly[Oxy(Methyl-1,2-Ethanediy)], alpha-Hydro-omega-Hydroxy-, Ether with 2-Ethyl-2-(Hydroxymethyl)-1,3-Propanediol Common Name: Trimethylol propane based polyol *	25723-16-4	none estab.	none estab.	none estab.	none estab.	none estab.
Poly[oxy(Methyl-1,2-ethanediy)], alpha-hydro-omega-hydroxy-, ether with bis[(2-hydroxyethyl)amino)methyl]phenol (3:1) Common Name: Aromatic amino polyol *	68909-26-2	none estab.	none estab.	none estab.	none estab.	none estab.
Salt of Long Chain Polyamine and High Molecular Weight Acid Ester *	Confidential	none estab.	none estab.	none estab.	none estab.	none estab.

* **Carcinogenicity:** IARC, NTP, and OSHA - Not Reviewed

* = OSHA Hazardous Ingredient

Section 3 - Physical and Chemical Properties

Physical State: Liquid

Color: Amber

Vapor Pressure: Not determined

Vapor Density (Air=1): Not determined

Specific Gravity (H₂O=1, at 4 °C): 1.09 - 1.12

Water Solubility: Slight

Boiling Point: Not determined

% Volatile: Negligible

Evaporation Rate: Not determined

pH: Not determined

Section 4 - Fire-Fighting Measures

Flash Point: >200 °F (>93 °C)

Flash Point Method: Estimated

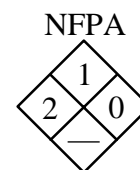
LEL: Not established

UEL: Not established

Extinguishing Media: Carbon dioxide, dry chemical, foam, water.

Unusual Fire or Explosion Hazards: Decomposition and combustion products may be toxic.

Fire-Fighting Equipment: Use self-contained breathing apparatus.



Section 5 - Stability and Reactivity

Stability: Stable.

Polymerization: Hazardous polymerization will not occur.

Incompatibility: Strong oxidizers, acids, and bases.

Conditions to Avoid: Excessive heat for prolonged periods of time.

Hazardous Decomposition Products: Combustion may form toxic materials, such as carbon dioxide, carbon monoxide.

Section 6 - Health Hazard Information

Potential Health Effects

Primary Entry Routes: Dermal: heated product may produce inhalable vapors.

Overexposure Effects: Causes irritation if inhaled and can cause skin irritation, eye irritation, and allergic skin reaction.

Medical Conditions Aggravated by Exposure: Skin and eye conditions.

Emergency and First Aid Procedures

Inhalation: Remove to fresh air. Call a physician.

Eye Contact: Immediately flush with water for at least 15 minutes. Call a physician.

Skin Contact: Immediately wash with soap and water. Remove contaminated clothing and launder before reuse. Destroy contaminated shoes.

Ingestion: If conscious, give 2-4 glasses of water to drink. Do not induce vomiting. Call a physician.

Additional Information: Referral to a physician is recommended if there is any question about the seriousness of any injury.

Section 7 - Spill, Leak, and Disposal Procedures

Accidental Release Measures: Remove spillage by absorbing in absorbent material.

Disposal Considerations

Waste Disposal Method: Consult qualified local or corporate personnel for method that will comply with local, state and federal health and environmental regulations.

Ecological Information: N/A

Toxicological Information:

Acute Inhalation Exposure Effects: Respiratory irritant.

Sensitization: Possible in susceptible individuals.

Skin Irritation: Irritant.

Eye Irritation: Irritant.

Revision:**HobbyCast 110 Part B****Regulatory Information****US Federal Regulations:**

Occupational Safety and Health Act (OSHA): This Material Safety Data Sheet (MSDS) has been prepared in compliance with the federal OSHA Hazard Communication Standard 29 CFR 1910.1200. This product is considered to be a hazardous chemical under that standard.

Resource Conservation and Recovery Act (RCRA): Not a hazardous waste under RCRA (40 CFR 261).

SARA Title III: Section 313 Toxic Chemical List (TCL): This product does not contain any chemicals for routine annual toxic chemical release reporting under Section 313 (40 CFR 372).

TSCA Section 8(b) - Inventory Status: Chemical components listed on TSCA Inventory.

TSCA Section 12(b) - Export Notification: This product does not contain any chemical(s) that are subject to a Section 12(b) export notification.

State Regulations:

Pennsylvania Right-to-Know: The following is required composition information:

Chemical Name: Poly[Oxy(methyl-1,2-ethanediyl)],alpha-hydro-omega-hydroxy-, ether with bis[[(2-hydroxyethyl)amino)methyl]phenol (3:1)

Common Name: Aromatic amino polyol

CAS Number: 68909-26-2

Comment: Not on Pennsylvania Hazardous Substance List

Chemical Name: 2,2,4-Trimethyl-1,3-Pentanediol Diisobutyrate

Common Name: Trimethyl pentanediol diisobutyrate

CAS Number: 6846-50-0

Comment: Not on Pennsylvania Hazardous Substance List

Chemical Name: Benzene, Methylbis(Phenylmethyl)-

Common Name: Dibenzyltoluene

CAS Number: 26898-17-9

Comment: Not on Pennsylvania Hazardous Substance List

Chemical Name: Poly[Oxy(Methyl-1,2-Ethanediyl)], alpha-Hydro-omega-Hydroxy-, Ether with 2-Ethyl-2-(Hydroxymethyl)-1,3-Propanediol

Common Name: Trimethylol propane based polyol

CAS Number: 25723-16-4

Comment: Not on Pennsylvania Hazardous Substance List

Chemical Name: Poly(oxy-1,2-ethanediyl), .alpha.-hydro-.omega.-hydroxy-

Common Name: Polyether polyol

CAS Number: 25322-68-3

Comment: Not on Pennsylvania Hazardous Substance List

Chemical Name: Talc

Common Name: Talc

CAS Number: 14807-96-6

Comment: Hazardous Substance

Chemical Name: Zeolites KA

Common Name: Molecular Sieves

CAS Number: 68989-21-9

Comment: Not on Pennsylvania Hazardous Substance List

Chemical Name: Castor Oil

Common Name: Castor Oil

CAS Number: 8001-79-4

Comment: Not on Pennsylvania Hazardous Substance List

Section 8 - Exposure Controls / Personal Protection

Engineering Controls: General mechanical and local exhaust in accordance with ACGIH recommendations.
Respiratory Protection: Use NIOSH approved organic vapor cartridge respirator when vapor/mist exposure is likely.
Eye Protection: Wear splash-proof chemical goggles.
Skin Protection: Wear impermeable gloves.

Section 9 - Special Precautions and Comments

Handling and Storage

Signal Word: Warning!

Precautions: Causes irritation if inhaled and can cause skin irritation, eye irritation, and allergic skin reaction. Avoid breathing vapor or mist. Avoid contact with eyes, skin, and clothing. Keep container closed when not in use. Use with adequate ventilation. Wash thoroughly after handling.

Other Handling Information: Nuisance dust may be generated when sanding or sawing cured material.

DOT Transportation Data (49 CFR 172.101):

Shipping Name:

Resin compounds, N.O.I.

Not Regulated as a hazardous material by the U.S. Dept. of Transportation (DOT) 49 CFR 172.101 hazardous material table.

Packaging Authorizations

Non-bulk Packaging:

Non-Bulk

Quantity Limitations

- a) Passenger, Aircraft, or Railcar:
- b) Cargo Aircraft Only:

Vessel Stowage Requirements

- a) Vessel Stowage:
- b) Other:

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