

Cyberbond LLC

401 N. Raddant Rd. Batavia, IL 60510
Tel: 630-761-8900; Fax: 630-761-8989

Emergency Tel: 800-535-5053

Material Safety Data Sheet

1- Chemical Product and Company Identification:

Product Name: **Cyberthane 7131**
Date revised: 11-09-99

Product Type: Urethane

2- Composition/Information on Ingredients:

note: This product is a solid with little or no adverse affects. However, the product requires heat to be used, and when heat is applied MDI vapors are given off.

<u>Hazardous Components</u>	<u>CAS Number</u>	<u>%</u>	
4,4 diphenylmethanedidsocyanate	101-68-8	1-3	
<u>Exposure Limits (TWA)</u>	<u>ACGIH (TLV)</u>	<u>OSHA (PEL)</u>	<u>OTHER</u>
4,4 diphenylmethanedidsocyanate	.005 ppm	.02 ppm	None
<u>Exposure Limits (STEL)</u>	<u>ACGIH(STEL)</u>	<u>OSHA(STEL)</u>	<u>OTHER</u>
4,4 diphenylmethanedidsocyanate	No Data	.02	None

3- Hazards Identification:

Toxicity: Moderately Toxic by ingestion. Eye, skin, and inhalation irritant.

Primary routes of Entry: Skin, Inhalation, Eye Contact

Signs of exposure: Irritation of eyes, skin, or respiratory tract.

Carcinogenic Ingredients

NTP	None
IARC	None
OSHA	None

4- First Aid Measures:

Ingestion:	Do not induce vomiting. Keep individual calm. Seek medical attention.
Inhalation:	Remove to fresh air. If symptoms persist, obtain medical attention.
Skin contact:	Wash with soap and water. Seek medical attention if irritation persists.
Eye contact:	Flush with warm water. Seek medical attention.

5- Fire Fighting Measures:

Flash Point:	N/A
Extinguishing Media:	Foam, Dry Chemical or Carbon Dioxide
Unusual Fire or Explosion Hazards:	None.
Special Fire Fighting Procedures:	Wear self-contained breathing apparatus.

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6-Accidental Release Measures

Steps to be taken in case of spill or leak: If possible pump liquid into an approved container or spread absorbent over spill and shovel into approved container. If product has dried scrape into approved container.

7- Handling and Storage:

Safe storage: Store away from heat and direct sunlight to maximize shelf life. Store inside in a dry location between 50°F and 90°F.
Handling: Keep container tightly closed. Avoid contact with skin. Avoid breathing vapors.

8- Protective Equipment:

Ventilation: Local exhaust ventilation recommended to maintain vapor level below TLV.
Respiratory protection: Not applicable with good local exhaust.
Skin: Gloves are recommended.
Eye protection: Safety glasses or goggles with side shields are recommended.

9- Physical and Chemical Properties:

Appearance: Off White Solid
Odor: Mild
Boiling Point: Greater than 250°C
Vapor Pressure: Less than .2mmHg @20C
Vapor Density: More than 1 (Air =1)
Evaporation rate: Not applicable
Specific Gravity: 1.18
Solubility in water: N/A
Auto Igniting: Product is not self-igniting

10- Stability and Reactivity

Stability: Stable
Hazardous Polymerization: Will not occur
Incompatibility: Moisture reactive. Reacts with amines, acids, alkalis, and oxidizing agents.

11- Toxicological Information

Acute Toxicity: None
Primary Irritant affect: Irritant to skin, eye, and mucous membranes.
Sensitization: Possible skin and respiratory sensitizer. Contains isocyanates.

12-Ecological Information

General Notes: This formulation has not been tested for ecological effects.

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13- Disposal Considerations:

Disposal procedures: Incinerate or dispose of in an approved landfill in accordance with local and EPA regulations. Not a RCRA hazardous waste.

14- Transportation Information:

UN Number: None
UN Pack Group: N/A
UN Class: N/A

15- Regulatory Information

US Federal Regulations

TSCA (Toxic Substances Control Act) Status

TSCA (United States) The intentional ingredients of this product are listed.

CERCLA RQ (Reportable Quantity) – 40 CFR 372

<u>Component</u>	<u>Cas #</u>	<u>%</u>
4,4 diphenylmethanedidsocyanate	101-68-8	3.00

SARA 302 Components – 40 CFR 355 Appendix A: 4,4 diphenylmethanedidsocyanate

Section 311/312 Hazard Class – 40 CFR 370.2

Immediate(x) Delayed(x) Fire(x) Reactive() Sudden Release of Pressure()

SARA 313 Components – 40 CFR 372.65: 4,4 diphenylmethanedidsocyanate

International Regulations

Inventory Status: Not Determined

State and Local Regulations

CA Proposition 65: The following statement is made in order to comply with the California Safe Drinking Water and Toxic Enforcement Act of 1986: This product contains the following substance known to the state of California to cause reproductive harm; 4,4 diphenylmethanedidsocyanate

16- Other Information

<u>Hazard</u>	<u>NFPA Hazard Code®</u>	<u>HMIS Hazard Code®</u>
Health	3	3
Fire	0	0
Reactivity	1	1
Specific Hazard	Does not apply	Personal protection: See Section 8

NFPA is a registered trademark of the National Fire Protection Association

HMIS is a registered trademark of the National Paint and Coatings Association