

Safety Data Sheet



1. Identification

Name on Label: Poly-3 WB Part B
Product Name: POLYUREA -3WB COMMON PART B
Product Identifier: 357284
Recommended Use: Floor Coating Part B
Supplier: Rust-Oleum Corporation
 11 Hawthorn Parkway
 Vernon Hills, IL 60061
 USA
 Rust-Oleum Canada (ROCA)
 200 Confederation Parkway
 Concord, ON L4K 4T8
 Canada
 Emergency Phone: 800-387-3625
Preparer: Regulatory Department
Emergency Telephone: 24 Hour Hotline: 847-367-7700

Revision Date: 8/18/2025
Supersedes Date: 1/16/2020
Manufacturer: Rust-Oleum Corporation
 11 Hawthorn Parkway
 Vernon Hills, IL 60061
 USA

2. Hazard Identification

Classification

Symbol(s) of Product



Signal Word

Danger

GHS Hazard Statements

Acute Toxicity, Oral and Dermal, category 4	H302+H312	Harmful if swallowed or in contact with skin.
Skin Sensitizer, category 1	H317	May cause an allergic skin reaction.
Acute Toxicity, Inhalation, category 3	H331	Toxic if inhaled.
Respiratory Sensitizer, category 1	H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
STOT, Single Exposure, category 3, RTI	H335	May cause respiratory irritation.

GHS Label Precautionary Statements

P261	Avoid breathing dust, fumes, gas, mists, vapours, or spray.
P264	Wash thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P272	Contaminated work clothing should not be allowed out of the workplace.

P280	Wear protective gloves, protective clothing, eye protection, and face protection.
P285	In case of inadequate ventilation wear respiratory protection.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P321	Specific treatment (see notice on this label).
P330	Rinse mouth.
P333+P313	If skin irritation or rash occurs: Get medical advice.
P342+P311	If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.
P361+P364	Take off immediately all contaminated clothing and wash it before reuse.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.
P501	Dispose of contents and container in accordance with local, regional and national regulations.

GHS SDS Precautionary Statements

P270	Do not eat, drink or smoke when using this product.
P363	Wash contaminated clothing before reuse.

3. Composition / Information on Ingredients

HAZARDOUS SUBSTANCES

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>Wt.% Range</u>	<u>GHS Symbols</u>	<u>GHS Statements</u>
Hexamethylene Diisocyanate Homopolymer	28182-81-2	60-80	GHS07-GHS08	H317-332-334-335
Hydrophilic Aliphatic Polyisocyanate based on Hexamethylene Diisocyanate	666723-27-9	10-30	GHS07	H332
N,N-Dimethylcyclohexylamine	98-94-2	0.5-1.5	GHS06	H301+H311-330
Hexamethylene Diisocyanate	822-06-0	0.1-1.0	GHS06-GHS07-GHS08	H302-315-317-319-330-334-335

Actual concentrations of ingredients are withheld as trade secret.

4. First Aid Measures

First Aid - Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes holding eyelids open. Get medical attention. Do NOT allow rubbing of eyes or keeping eyes closed. Remove contact lenses, if present and easy to do. Continue rinsing.

First Aid - Skin Contact: Wash skin with soap and water. Remove contaminated clothing. Get medical attention if irritation develops or persists. Wash contaminated clothing and decontaminate footwear before reuse.

First Aid - Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention. Do NOT use mouth-to-mouth resuscitation. If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately.

First Aid - Ingestion: If swallowed, do not induce vomiting. If victim is conscious and alert, give 2 to 4 cupfuls of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. Treat symptomatically and supportively. Aspiration hazard: Do not induce vomiting or give anything by mouth because this material can enter the lungs and cause severe lung damage. Get immediate medical attention.

5. Fire-Fighting Measures

EXTINGUISHING MEDIA: Aqueous Film Forming Foam, Carbon Dioxide, Dry Chemical, Dry Sand, Water Fog

Unusual Fire and Explosion Hazards: Keep containers tightly closed. No unusual fire or explosion hazards noted.

Special Fire Fighting Procedures: Water may be used to cool closed containers to prevent buildup of steam. If water is used, fog nozzles are preferred.

Special Fire and Explosion Hazard (Combustible Dust): Not a combustible dust.

6. Accidental Release Measures

Steps to Be Taken If Material Is Released or Spilled: If spilled, contain spilled material and remove with inert absorbent. Dispose of contaminated absorbent, container, and unused contents in accordance with local, state, and federal regulations. Do not incinerate closed containers. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Dispose of according to local, state (provincial) and federal regulations. Do not incinerate closed containers.

7. Handling and Storage

Handling: Wash thoroughly after handling. Wash hands before eating. Remove contaminated clothing and launder before reuse. Use only with adequate ventilation. Follow all SDS and label precautions even after container is emptied because it may retain product residues. Avoid breathing fumes, vapors, or mist. Avoid prolonged or repeated contact with skin. Avoid contact with eyes, skin and clothing. Do not swallow.

Storage: Store in a dry, well ventilated place. Keep container tightly closed when not in use.

Advice on Safe Handling of Combustible Dust: No Information

8. Exposure Controls / Personal Protection

Chemical Name	CAS-No.	Weight % Less Than	ACGIH TLV- TWA	ACGIH TLV- STEL	OSHA PEL-TWA	OSHA PEL- CEILING
Hexamethylene Diisocyanate Homopolymer	28182-81-2	80.0	N.E.	N.E.	N.E.	N.E.
Hydrophilic Aliphatic Polyisocyanate based on Hexamethylene Diisocyanate	666723-27-9	20.0	N.E.	N.E.	N.E.	N.E.
N,N-Dimethylcyclohexylamine	98-94-2	1.0	N.E.	N.E.	N.E.	N.E.
Hexamethylene Diisocyanate	822-06-0	1.0	0.005 ppm	N.E.	N.E.	N.E.

PERSONAL PROTECTION

Engineering Controls: Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Provide general dilution of local exhaust ventilation in volume and pattern to keep TLV of hazardous ingredients below acceptable limits. Prevent build-up of vapors by opening all doors and windows to achieve cross-ventilation.

Respiratory Protection: A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 (U.S.) and/or SOR/86-304 Part XII 12.13 and CSA Standard Z180.1 (Canada) requirements must be followed whenever workplace conditions warrant a respirator's use. A NIOSH/MSHA approved air purifying respirator with organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits.

Skin Protection: Use impervious gloves to prevent skin contact and absorption of this material through the skin.

Eye Protection: Use safety eyewear designed to protect against splash of liquids.

Other Protective Equipment: Refer to safety supervisor or industrial hygienist for further guidance regarding types of personal protective equipment and their applications.

Hygienic Practices: Wash thoroughly with soap and water before eating, drinking or smoking. Remove contaminated clothing immediately and launder before reuse.

Engineering Measures for Combustible Dust: No Information

9. Physical and Chemical Properties

Physical State	Liquid	Decomposition Temperature, °C	N.D.
Color	Not Applicable	pH	N.A.
Odor	Solvent Like	Kinematic Viscosity	N.D.
Odor Threshold	N.E.	Solubility in Water	Slight
Freezing Point / Melting Point, °C	N.D.	Partition Coefficient, n-octanol/water	N.D.
Boiling Range, °C	181 - 181	Vapor Pressure	N.D.
Flammability	Does not Support Combustion	Evaporation Rate	Slower than Ether
Lower Explosion Limit, vol%	N.A.	Specific Gravity	1.150
Upper Explosion Limit, vol%	N.A.	Vapor Density	Heavier than Air
Flash Point, °C	185	Particle Characteristics	N.A.
Auto-Ignition Temperature, °C	N.D.		

(See "Other information" Section for abbreviation legend)

10. Stability and Reactivity

Conditions to Avoid: Avoid excess heat. Avoid contact with moisture.

Incompatibility: Incompatible with strong oxidizing agents, strong acids and strong alkalies. Avoid contact with water.

Hazardous Decomposition: When heated to decomposition, it emits acrid smoke and irritating fumes.

Hazardous Polymerization: Will not occur under normal conditions.

Stability: Sensitive to moisture.

11. Toxicological Information

Effects of Overexposure - Eye Contact: Irritating, and may injure eye tissue if not removed promptly.

Effects of Overexposure - Skin Contact: Prolonged or repeated skin contact may cause irritation. Causes skin irritation. Allergic reactions are possible. May cause skin sensitization, an allergic reaction, which becomes evident upon re-exposure to this material. Frequent or prolonged contact may irritate the skin and cause a skin rash (dermatitis). Low hazard for usual industrial handling or commercial handling by trained personnel.

Effects of Overexposure - Inhalation: Harmful if inhaled. High gas, vapor, mist or dust concentrations may be harmful if inhaled. Avoid breathing fumes, spray, vapors, or mist.

Effects of Overexposure - Ingestion: Highly toxic. Substance may be harmful if swallowed. Aspiration hazard if swallowed; can enter lungs and cause damage.

Effects of Overexposure - Chronic Hazards: Individuals with lung or breathing problems or prior reaction to isocyanates must not be exposed to vapor or spray mist. Vapor and spray mist harmful. Overexposure may cause lung damage. May cause allergic skin and respiratory reaction, effects may be permanent. Prolonged or repeated skin contact may cause dermatitis.

PRIMARY ROUTE(S) OF ENTRY: Eye Contact, Ingestion, Inhalation, Skin Absorption, Skin Contact

ACUTE TOXICITY VALUES

The acute effects of this product have not been tested. Data on individual components are tabulated below:

CAS-No.	Chemical Name	Oral LD50	Dermal LD50	Vapor LC50
28182-81-2	Hexamethylene Diisocyanate Homopolymer	N.E.	>2000 mg/kg Rat	18.5 mg/L Rat
98-94-2	N,N-Dimethylcyclohexylamine	272 mg/kg Rat	>400 mg/kg Rat	1.7 mg/L Rat
822-06-0	Hexamethylene Diisocyanate	738 mg/kg Rat	>7000 mg/kg Rat	0.06 mg/L Rat

N.E. - Not Established

12. Ecological Information

Ecological Information: No ecotoxicity data was found for this product.

13. Disposal Considerations

Disposal: Dispose of material in accordance to local, state, and federal regulations and ordinances.

14. Transport Information

	<u>Domestic (USDOT)</u>	<u>International (IMDG)</u>	<u>Air (IATA)</u>	<u>TDG (Canada)</u>
UN Number:	N.A.	N.A.	N.A.	N.A.
Proper Shipping Name:	Not Regulated	Not Regulated	Not Regulated	Not Regulated
Hazard Class:	N.A.	N.A.	N.A.	N.A.
Packing Group:	N.A.	N.A.	N.A.	N.A.
Limited Quantity:	No	No	No	No

15. Regulatory Information**U.S. Federal Regulations:****CERCLA - SARA Hazard Category**

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Acute Toxicity (any route of exposure), Respiratory or Skin Sensitization, Specific target organ toxicity (single or repeated exposure)

SARA Section 313

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

Chemical Name

Hexamethylene Diisocyanate

CAS-No.

822-06-0

Toxic Substances Control Act

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(b) if exported from the United States:

No TSCA 12(b) components exist in this product.

16. Other Information**HMIS RATINGS**

Health: 2* **Flammability:** 1 **Physical Hazard:** 0 **Personal Protection:** X

NFPA RATINGS

Health: 2 **Flammability:** 1 **Instability:** 0

Volatile Organic Compounds: 0 g/L

SDS REVISION DATE: 8/18/2025

REASON FOR REVISION: Substance and/or Product Properties Changed in Section(s):
01 - Identification
02 - Hazard Identification
03 - Composition / Information on Ingredients
05 - Fire-Fighting Measures
09 - Physical & Chemical Properties
11 - Toxicological Information
14 - Transport Information
Revision Statement(s) Changed

Legend: N.A. - Not Applicable, N.D. - Not Determined, N.E. - Not Established

The manufacturer believes, to the best of its knowledge, information and belief, the information contained herein to be accurate and reliable as of the date of this safety data sheet. However, because the conditions of handling, use, and storage of these materials are beyond our control, we assume no responsibility or liability for personal injury or property damage incurred by the use of these materials. The manufacturer makes no warranty, expressed or implied, regarding the accuracy or reliability of the data or results obtained from their use. All materials may present unknown hazards and should be used with caution. The information and recommendations in this material safety data sheet are offered for the users' consideration and examination. It is the responsibility of the user to determine the final suitability of this information and to comply with all applicable international, federal, state, and local laws and regulations.