

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard 290011 1910.1200. Standard must be consulted for specific requirements.

QUICK IDENTIFIER

Common Name: (used on label and list)

URE-SEAL Polyurethane Sealant
(Part Nos. 200,201)

Manufacturer's

Name RBL Products, Inc.

Address _____ Emergency _____

City, State and Zip 6040 Russell Telephone No. 1-800-584-8111

Other Information _____

Detroit, Michigan 48211 Calls (313) 873-8806

Signature of Person _____ Date _____

Responsible for Preparation (Optional) _____ Prepared (1-9-95)

2. COMPOSITION AND INFORMATION ON INGREDIENTS

Chemical nature: Preparation of polyurethane prepolymer, fillers and additives.

Hazardous ingredients in accordance with 67/548/EEG.

Name	CAS-Nr.	Conc.	SymbolR-phrases
Xylene	1330-20-7	2.8 %	Xn10-20/21-38
MDI	101-68-8	<0.50%	Xn20-36/37/38-42
DBTL	77-58-7	<0.1%	Xn20/22-36

3. HAZARDS IDENTIFICATION

Harmful by inhalation and ingestion.
May be irritating for eyes, skin and respiratory system.
May cause sensitization by inhalation.

FIRST AID MEASURES

General:

In case of doubt or with persisting symptoms obtain medical attention. Never pass anything through the mouth of a unconscious person.

Inhalation:

Remove patient from exposure, keep warm and at rest.

Eye Contact:

Irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 10 minutes. Obtain medical attention.

Skin Contact:

Remove contaminated clothing. Wash skin with soap and water. Do NOT use solvents or thinners.

Ingestion:

Do Not induce vomiting. Wash out mouth with water and obtain medical attention.

5. FIRE - FIGHTING MEASURES

Extinguishing Media:

Recommended: Waterjet - Foam - Powder - Carbondioxide

Recommendations:

In case of fire, carbonmonoxide, nitrogenoxides, isocyanate vapors and traces of cyanides may be formed. Firefighters should were self contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Caution - Spillages may be slippery.

Follow protective procedures, as described under chapter 7 and 8.

Forb spillages onto sand, earth or any suitable absorbent material. Transfer to a container for disposal (chapter 13). Do not allow to enter drains, sewers or watercourses. Spilled material will polymerise under atmospheric moisture.

7. HANDLING AND STORAGE

Handling:

Keep containers dry and closed.

Keep away from foodstuffs. Wash hands thoroughly before breaks and at the end of the working day.

See chapter 8 for personal protection.

Storage:

Store in a cool and well ventilated place in the original containers.

Storage temperature: between 40°F (+5°C) and 77°F (+25°C).

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Technical Safety Measures

No specific safety measures required.

Occupational Exposure Control Limits:

Ingredient

MDI

MAC-VALUE, 0.005 ppm

Xylene

MAC-VALUE, 100 ppm

Personal protection

General protection and hygiene:

Wash hands before breaks and at the end of the working day.

Observe the usual protective measures for manipulation of chemical substances.

Protection of the respiratory system:

Not required.

Protection of the hands:

Not required.

Eye protection:

Not required.

Skin protection:

Not required.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Paste

Flash point: not applicable

Viscosity: thixotropic paste

Density: ca. 1.26 g/cm³

Vapor density: 89 mbar at 20 °C

Explosion limits: not applicable

Solubility in water: not soluble

Solubility in other: organic solvents

Stability: not applicable

Color: different colours possible according to pigmentation

Odor: aromatic

10. STABILITY AND REACTIVITY

When stored and handled in accordance with chapter 7, the product is stable.

Hazardous Reactions:

Exothermic reaction with amines and alcohols.
CO2 - formation in reaction with water.

Hazardous Decomposition Products:

hazardous decomposition products traced.

11. TOXICOLOGICAL INFORMATION

Experience with URE-Seal has not shown any dangers for health, if properly used and under the usual industrial hygiene, nor have any indications of damages for health been presented to us.

12. ECOLOGICAL INFORMATION

Do not allow to enter drains, sewers or watercourses.

13. DISPOSAL CONSIDERATIONS

Do not discharge into drains or the environment. Dispose to an authorized waste collection point. Disposal should be in accordance with local, state or national legislation.

14. TRANSPORT INFORMATION

Not considered as 'dangerous goods'.

ADR/RID:	Class --	Label-no labels required
IMDG:	Class --	Proper shipping name: sealant Label-none
		Marine pollutant: no
AO:	Class --	Proper shipping name: sealant Label-none

15. REGULATORY INFORMATION

Labelling in accordance with directive 88/379/EEC.

Symbols: --

Contains: --

R-phrases: --

S-phrases: --

Other: P91: Contains isocyanates.

16. OTHER INFORMATION

The information in this Material Safety Data Sheet is based on the knowledge at the issue date and in accordance with national law and EC-regulations.

The information in this sheet is meant as a description of safety measures for this product. It is not meant as a warranty for quality regarding the technical specifications.

The information in this MSDS is prepared in accordance with Directives 91/155/EC and 88/379/EC.