

SAFETY DATA SHEET

This SDS Complies With 29 CFR 1910.1200 (The Hazard Communication Standard)

Section I - Product & Company Identification

Product identifier

Product name : WB POLYURETHANE SEALER

Product form: Liquid

Other means of identification: LB147

Relevant identified uses of the substance or mixture: Floor Coating.

Details of the supplier of the safety data sheet

Manufacturer:

Diversified Chemical Products, Inc. 4124 B NW Riverside Street, Riverside, MO 64150

Phone: 816-472-5515

Emergency telephone number

Emergency number : CHEMTREC: 1-800-424-9300

Section II – Hazards Identification

Classification

Acute toxicity - Oral Category 5

Serious Eye Damage/Eye Irritation Category 2B

Skin corrosion/irritation Category 2

Specific target organ toxicity, Repeated exposure, Category 2

Acute aquatic toxicity, Category 3

Pictogram



Signal Word

Warning

Hazard Statements

May be Harmful if swallowed

Causes skin irritation

Causes serious eye irritation

May cause damage to organs through prolonged or repeated exposure.

Harmful to aquatic life.

Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling

Wear protective gloves/protective clothing/eye protection/face protection

Do not breathe mist, vapors or spray.

Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation occurs

IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. Get medical attention if irritation occurs.

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell

Rinse mouth

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

Section III –Composition/Information on ingredients

Mixture

Name	CAS#	Weight %
Acrylic Polymer	Proprietary	50-60
Urethane Polymer	Proprietary	10-20
Di(ethylene glycol) ethyl ether	111-90-0	1-5
Tributoxyethyl phosphate	78-51-3	1-5
N-Methylpyrrolidone	872-50-4	1-5
Isopropanol	67-63-0	1-5
Dipropylene glycol monomethyl ether	34590-94-8	1-5

Any concentration shown as a range is to protect confidentiality or is due to process variation.

Section IV – First Aid Measures

First Aid Measures

Inhalation: Remove to fresh air. If symptoms persist, call a physician.

Eye Contact: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation persists.

Ingestion: Rinse mouth. Call a POISON CENTER or doctor/physician if you feel unwell.

Skin Contact: Wash with plenty of water. If skin irritation persists, call a physician.

Most Important Symptoms and Effects, both Acute and Delayed

Symptoms

May cause eye irritation with reddening and watering. May cause gastrointestinal irritation, nausea, diarrhea, and vomiting.

Indication of any Immediate Medical Attention and Special Treatment Needed

Note to Physicians: Treat symptomatically.

Section V – Fire Fighting Measures

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

Non-flammable.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Section VI –Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions Use personal protective equipment as required.

Methods and Material for Containment and Cleaning Up

Methods for Containment: Prevent further leakage or spillage if safe to do so.

Methods for Cleaning Up: Keep in suitable, closed containers for disposal.

Section VII – Handling & Storage

Precautions for Safe Handling

Advice on Safe Handling: Handle in accordance with good industrial hygiene and safety practice. Wash face, hands, and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Use personal protection recommended in Section 8.

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions: Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible Materials : Strong acids.

Section VIII – Exposure Controls/ Personal Protection

Exposure Guidelines

Chemical Name	CAS #	ACGIH TLV	OSHA PEL	NIOSH IDLH
Diethylene Glycol Monoethyl Ether	111-90-0	TWA: 25 ppm	Not determined	Not determined
Isopropanol	67-63-0	TWA: 200 ppm	TWA: 400 ppm 980 mg/m ³	Not determined
Dipropylene glycol monomethyl ether	34590-94-8	TWA: 100 ppm STEL: 150 ppm	TWA: 100 ppm 600 mg/m ³	TWA: 100 ppm 600 mg/m ³

Appropriate Engineering Controls

Engineering Controls: Provide adequate ventilation. Eyewash stations.

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection: Wear approved safety goggles where a splash hazard exists.

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: Ensure adequate ventilation, especially in confined areas.

General Hygiene Considerations: Handle in accordance with good industrial hygiene and safety practice

Section IX – Physical & Chemical Properties

Information on Basic Physical and Chemical Properties

Physical State	Liquid
Color	White
<u>Property</u>	<u>Values</u>
pH	No data available
Melting Point/Freezing Point	0 ° C Water
Boiling Point/Boiling Range	100 ° C Water
Flash Point	Not Flammable
Evaporation Rate	< 1 Water
Flammability (Solid,Gas)	n/a-liquid
Upper Flammable Limits	Not Determined
Lower Flammable Limits	Not Determined
Vapor Pressure	17 mmHg @ 21 ° C
Vapor Density	< 1 Water
Specific Gravity	Not Determined
Water Solubility	Soluble in Water
Solubility in Other Solvents	Not Determined
Partition Coefficient	Not Determined
Autoignition Temperature	Not Determined
Decomposition Temperature	Not Determined
Kinematic Viscosity	Not Determined
Dynamic Viscosity	Not Determined
Explosive Properties	Not an Explosive
Oxidizing Properties	Not Determined
Odor	Not Determined
Odor Threshold	Not Determined

Section X – Stability & Reactivity

Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to Avoid

Keep out of reach of children.

Incompatible Materials

Strong acids.

Hazardous Decomposition Products

None known based on information supplied

Section XI - Toxicological information

Information on Likely Routes of Exposure

Product Information

Inhalation: Avoid breathing vapors or mists.

Eye Contact: Causes eye irritation

Skin Contact: Avoid contact with skin.

Ingestion: Harmful if swallowed.

This product as a whole has not been tested for acute toxicity; the following is based on component data:

Chemical Name	CAS #	Oral LD50	Dermal LD50	Inhalation LC50
Diethylene glycol ethyl ether	111-90-0	=1920 mg/kg (Rat)	=4200uL/kg(Rabbit =6mL/kg(Rat)	>5240 mg/m3 (Rat) 4h
N-Methylpyrrolidone	8725-50-4	=4150 mg/kg (Rat)	>5000 mg/kg (Rat)	>5.1 mg/L (Rat) 4h
Acrylic Polymer	-	>5000 mg/kg (Rat)	Not Available	Not available
Tributoxyethyl Phosphate	78-51-3	=3000 mg/kg(Rat)	>5000 mg/kg (Rabbit)	>6.4 mg/L (Rat) 4h
Isopropanol	67-63-0	=5840 mg/kg(Rat)	>12800 mg/kg (Rabbit)	>10000 ppm, 6h, vapor rat

Information on Physical, Chemical and Toxicological Effects

Symptoms: Please see section 4 of this SDS for symptoms.

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

Carcinogenicity: N-Methylpyrrolidone produced liver tumors and kidney effects in test animals.

Numerical Measures of Toxicity: Not determined

Section XII - Ecological information

Ecotoxicity

There is no data available for this product as a whole.

Chemical Name	CAS #	Algae/aquatic plants	Fish	Crustacea
Isopropanol	67-63-0	ErC50 green algae, static test, growth rate inhibition, 72 h: >1000 mg/L	LC50 fathead minnow, flow-through test, 96h: 9640 mg/L	LC50 water flea, flea immobilization, 24 h: >1000 mg/L
Di(ethylene glycol) ethyl ether	111-90-0	No data available	11400 - 15700: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 11600 - 16700: 96 h Pimephales promelas mg/L LC50 flow-through 10000: 96 h Lepomis macrochirus mg/L LC50 static 19100 - 23900: 96 h Lepomis macrochirus mg/L	3940 - 4670: 48 h Daphnia magna mg/L EC50
Dipropylene Glycol Monomethyl Ether (DPM)	34590-94-8	No data available	10000: 96 h Pimephales promelas mg/L LC50 static	1919: 48 h Daphnia magna mg/L LC50
N-Methylpyrrolidone	8725-50-4	ErC50 green algae, 72 h: >500 mg/L	LC50 Salo gairdneri, Static test, 96h: >500 mg/L	No data available
Tributoxyethyl phosphate	78-51-3	(green algae) - 61 mg/l - 72 h	10.4 - 12.0: 96 h Pimephales promelas mg/L LC50	Daphnia magna (Water flea) - 53 mg/l - 48 h

Persistence and Degradability

Not determined

Bioaccumulation

Not determined

Mobility

<u>Chemical Name</u>	<u>CAS #</u>	<u>Partition Coefficient</u>
Isopropanol	67-63-0	1.1
Di(ethylene glycol) ethyl ether	111-90-0	-0.8
Tributoxyethyl phosphate	78-51-3	4.78
Dipropylene glycol monoethyl ether	34590-94-8	-0.064

Section XIII - Disposal considerations

Waste Disposal Method

Dispose of material in accordance with all Federal, State and local regulations. Local regulations may be more stringent than Federal or State. Avoid discharge to sewers or waterways.

Section XIV - Transport information

DOT Proper Shipping Description:

Not Regulated

Section XV - Regulatory information

SARA Title III Section 311/312 (40CFR370): Acute health hazard

SARA Title III Section 313 (40CFR372): Three reportable components.

<u>Chemical Name</u>	<u>CAS #</u>	<u>Weight %</u>	<u>SARA 313-Threshold Values %</u>
Di(ethylene glycol) ethyl ether	111-90-0	1-5	1.0
N-Methylpyrrolidone	872-50-4	1-5	1.0
Isopropanol	67-63-0	105	1.0

RCRA Status (40CFR261.33): No reportable components.

TSCA Inventory Status: Reported/included

OSHA/NTP/IARC Carcinogen Status: Not listed

Canadian DSL Status: Reported/included

Chemicals Known to the State of California to Cause Cancer or Reproductive Toxicity:

This material is known to contain chemicals currently listed as carcinogens or reproductive toxins. N-Methylpyrrolidone

U.S. State Right-to-Know Regulations

<u>Chemical Name</u>	<u>New Jersey</u>	<u>Massachusetts</u>	<u>Pennsylvania</u>
Di(ethylene glycol) ethyl ether	X		X
Dipropylene glycol monomethyl ether	X	X	X

N-Methylpyrrolidone	X	X	X
Isopropanol	X	X	X

Section XVI - Other information

HMIS ratings: Health: 1 Flammability: 0 Reactivity: 0

Indication of changes: Revision – 1

Date Sheet Prepared: 10/08/2015 Other information: Author – EHS Administrator

The information herein is presented in good faith and believed to be correct as of the date hereof. However, the manufacturer makes no representation as to the completeness and accuracy thereof. Users must make their own determination as to the suitability of the product for their purposes prior to use.

No representations or warranties, either express or implied of merchantability, fitness for a particular purpose or of any other nature with respect to the product or to the information herein is made hereunder. The manufacturer shall in no event be responsible for any damages of whatsoever nature directly or indirectly resulting from the publication or use of or reliance upon information contained herein.

END OF SDS