

SECTION 1 - PRODUCT IDENTIFICATION

Common Name: Super Glaze WBU
Description: Water based polyurethane
Manufacturer/Supplier: Concrete Coatings Inc.
 PO Box 150071
 Ogden, UT 84415
 1-800-443-2871

Emergency: Chemtrec 1-800-424-9300

Hazard Rating		Scale
Health	0	4 = Extreme
Flammability	2	3 = High
Reactivity	0	2 = Moderate
Special	S	1 = Slight
		0 = Insignificant

SECTION 2 - HAZARDOUS INGREDIENTS

Hazardous Components Chemical & Common Names	CAS No.	Percent By Weight	OSHA PEL	OSHA STEL	ACGIH STEL	ACGIH TLV
Polyurethane co-polymer	Confidential	28	N.E.	N.E.	N.E.	N.E.
Dipropylene Glycol Normal Butyl Ether	29911-28-2	9.0-10.0	N.E	N.E	N.E	N.E
Water		50 - 60	N/A	N/A	N/A	N/A

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: 212 ° F (100°C as Water)
Freeze Point: 32 ° F
Specific Gravity (Water = 1): 1.0312
Vapor Pressure (mm Hg): Approx 23 mbar@20°C
Vapor Density (Air = 1): 1.05 g/cm³ @ 20 °C
Solubility in Water: Practically in every proportion miscible
**Evaporation Rate
(Butyl Acetate=1)** Slower than Butyl
Appearance & Odor Slightly yellow liquid with slight amine-like odor
PH: 7.5-8.5
Viscosity 30-60 mPa.s(Brookfield RVT, spindle 1 50 RPM @20 °C)

SECTION 4 - FIRE AND EXPLOSION DATA

Flash Point: Closed Cup: 201 ° F
Flammable Limits: **Lower Explosive Limit:** 0.7%
Upper Explosive Limit: 9.4%
Extinguishing Media: Carbon Dioxide, Dry Chemical, and Water Fog.

**Unusual Fire/Explosion
Hazards:** Solid stream of water or foam may cause frothing.
**Special Firefighting
Procedures:** Firefighter must wear self-contained breathing apparatus and full protective gear.

SECTION 5 – REACTIVITY DATA

Stability:	Stable under normal conditions
Conditions to avoid:	Long term exposure to elevated temperatures
Incompatible with:	Strong Oxidizers or bases. Strong Lewis or mineral acids.
Hazardous decomposition products:	Acid fumes, Oxides of carbon.
Hazardous polymerization:	Will not occur under normal conditions.

SECTION 6 HEALTH HAZARD DATA

Carcinogenicity:	NO
IARC:	NO
OSHA Regulated?:	NO
Effects of Overexposure:	
Inhalation:	Slightly irritating to respiratory tract.

Skin Contact: May cause irritation.

Eye Contact: May cause slight irritation

Ingestion: Irritating to mouth, throat, and stomach

Emergency and First Aid Procedures

Eye Contact:	Flush eye with large amounts of water for at least 15 minutes and contact physician.
Skin Contact:	Remove contaminated clothing. Wash skin with soap and water. Get medical attention.
Inhalation:	Move individual to fresh air immediately if symptoms occur. If breathing becomes difficult, administer oxygen, and consult physician immediately. If breathing has stopped, apply applicable CPR procedures and contact physician immediately.
Ingestion:	If swallowed, DO NOT induce vomiting. Give victim a glass of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. Should vomiting occur, be sure to keep victim's head below hips to avoid aspiration of vomitus into lungs.

SECTION 7 – SPILL OR LEAK PROCEDURES

If Material Spills or Leaks: Absorb material with inert media and dispose of in a chemical-waste container. Repeat sorbent/sweep cycle until the spill has dried up. Avoid runoff into storm sewers and ditches, which leads to waterways.

Waste Disposal: Empty containers may contain product residue and may still be hazardous. Dispose of in accordance with local, state and federal regulations.

SECTION 8 – SAFE HANDLING AND STORAGE INFORMATION

Respiratory Protection Wear NIOSH/MSHA approved respiratory protection when the product is mixed or applied in a poorly ventilated area or if workplace levels of ingredients exceed the TLV. Follow applicable federal, state, and local regulations.

Ventilation: Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product.

Protective Equipment: Where contact is likely, wear chemical resistant gloves, chemical safety goggles with a face shield, and clean, protective clothing to cover arms and legs to keep exposure to a minimum.

Other Equipment and Practices: Do not take internally. Wash thoroughly after handling. Avoid breathing vapors from heated material. Avoid contact with eyes, skin, and clothing.

Special Precautions for Handling and Storage: Keep out of reach of children. Keep container closed when not in use.

SECTION 9 – SHIPPING INFORMATION

DOT Shipping Name: Not Regulated
DOT Hazard Class: N/A

SECTION 10 – REGULATORY INFORMATION

This product is considered hazardous under the OSHA Hazard Communication Standard (29 CFR 1910.1200).
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:

IMMEDIATE HEALTH HAZARD CHRONIC HEALTH HAZARD

SARA SECTION 313:

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

----- **CHEMICAL NAME** ----- **CAS NUMBER** **WT/WT % IS LESS THAN**

No SARA Section 313 components exist in this product.

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:

----- **CHEMICAL NAME** ----- **CAS NUMBER** **WT/WT % IS LESS THAN**

No information is available.

CALIFORNIA PROPOSITION 65:

WARNING: The chemical(s) noted below and contained in this product, are known to the state of California to cause cancer, birth defects or other reproductive harm:

----- **CHEMICAL NAME** ----- **CAS NUMBER** **WT/WT % IS LESS THAN**

No Proposition 65 chemicals exist in this product.

INTERNATIONAL REGULATIONS: AS FOLLOWS -

CANADIAN WHMIS: This MSDS has been prepared in compliance with Controlled Product Regulations except for use of the 16 headings.

CANADIAN WHMIS CLASS: No information available.

USERS RESPONSIBILITY & DISCLAIMER OF LIABILITY: A bulletin such as this cannot be expected to cover all possible situations. As the user has the responsibility to provide a safe workplace, all aspects of an individual operation should be examined to determine if, or where precautions – in addition to those described herein are required. Although the information contained herein is based on data considered to be accurate, all materials present unknown health hazards, and should be used with caution and by properly trained personnel. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. Any health hazard and safety information should be passed onto your customers or employees, as the case may be. Final suitability of the chemical for each circumstance is the sole responsibility of the end user. No representation or warranties either expressed or implied, of merchantability, fitness for a particular purpose, or any other nature are made hereunder with respect to the information contained herein, or the chemical to which the information refers. It is the sole responsibility of the end user to comply with all applicable federal, state and local laws and regulations. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, vendor assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed.