



SOLVENT BASED URETHANE

PARTS A & B

HIGH GLOSS PROTECTIVE COATING/TOP COAT

SB URETHANE IS A SPECIALLY FORMULATED, TWO COMPONENT ACRYLIC URETHANE THAT IS 68% SOLIDS. IT IS A NON-YELLOWING CLEAR COATING THAT CAN BE USED FOR INTERIOR/ EXTERIOR CONCRETE, CEMENT BASED OVERLAYS OR AS A TOP COAT FOR EPOXY.

PRODUCT HIGHLIGHTS

- Excellent long term wear capabilities.
- Excellent UV Stability allowing the product to be suitable for both interior and exterior applications.
- Stain Resistant
- Ratio: 4:1 (4 Part A to 1 Part B)
- Curing/Dry time (@72 F)
Recoat: 12-24hrs.
Tack Free: 6-8 hrs.
Light Traffic: 24 hrs.
Heavy Traffic: 3 days
Full Cure: 7 days

USES

SB Urethane is recommended as a high gloss protective/top coat for interior and exterior concrete surfaces including cement based overlays or as a top coat for epoxy.

- Interior/exterior applications.
- Decorative concrete surfaces in commercial, retail and high traffic areas.
- Great for Industrial applications.
- Great top coat for epoxy.

QUICK LOOK: PART A

Solids: 68% **Ratio:** 4 A:1 B
Toxicity: Harmful if swallowed
VOC's: Low
Flammability: Flammable
Composition:
Color: Clear
Odor: Strong Solvent smell
Coverage: 250-350 sq ft/gal depending on application preference/ desired results of installer. Needs to be applied at temperatures between 55°-80°F.
**Coverage rates may vary depending on porosity, texture, and application method.*

FOR MORE INFORMATION,
PLEASE SEE SDS.



QUICK LOOK: PART B

Type:
Ratio: 4 A :1 B
Toxicity: Harmful if swallowed, or inhaled
VOC's: Low
Flammability: Non-Flammable
Composition:
Color: Clear
Odor: Strong Solvent Smell
Coverage: 250-350 sq ft/gal depending on application preference/desired results of installer. Needs to be applied at temperatures between 55°-80°F. **Coverage rates may vary depending on porosity, texture, and application method.*

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Manufactured In The USA By



**Product warranty for one year from date of manufacture*

For more information on EZChem USA and all products manufactured by EZChem please visit our website: www.ezchemusa.com



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HOW TO USE:

SURFACE PREP: NEW CONCRETE: Acid etch evenly with a solution of 1 part commercial muriatic acid to 3 parts clean water (by volume) and rinse thoroughly with neutralizer. Allow surface to dry completely before application. Light shotblasting or diamond grinding is suggested for superior adhesion. **COATED CONCRETE:** An existing coating must be completely removed prior to applying new product or a thorough sanding or grinding is highly recommended to prepare surface if applying over an existing coating. After coating is removed a test area is highly recommended to test adhesion. Surface temperature must be no less than 55 deg F and no higher than 80 deg F. Avoid applying in high humidity/moisture atmospheres.

MIXING: Mix 4 parts A to 1 part B. Mix thoroughly. No induction time is needed. Pot life is 45 minutes so only mix amount that can be applied in 45 minutes.

APPLICATION: Pot life is 45 minutes. Use a 1/4" to 3/8" shed free, phenolic core roller. Apply evenly at a rate of 250-350 square feet per gallon, always keeping a wet edge. Back rolling is necessary to achieve a uniform, roller mark free application. It is recommended to work in sections usually using control joints as dividers to ensure proper application results. Do not allow to puddle. Use a bristle brush to remove excess coating in joints. It is recommended to re coat with in 24 hours. Suggested re coat time 12-24 hours. If re coat time exceeds 24 hours, sand before re-applying.

**It is always recommended to test the product in a small inconspicuous area on the concrete you will be using to ensure desired results. Coverage rates may vary for all coatings and substrates depending on porosity, density, texture, etc.*

CLEAN-UP/PRODUCT REMOVAL

Use xylene for clean up and dispose of containers in accordance with local and federal regulations. Dried, cured Urethane may be removed with a commercial stripper, but recommended removal is by way of mechanical means, including sanding, shotblasting, etc.

PRECAUTIONARY STATEMENT:

PART A: Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ ventilating/ lighting/ equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid breathing gas/mist/vapours/spray. Use only outdoors or in a well-ventilated area. Wear protective gloves/ eye protection/ face protection. Dispose of contents/ container according to local, state and federal regulations.

PART B: Do not handle until all safety precautions have been read and understood. Wash skin thoroughly after handling. Do not eat, drink or smoke when using this product. Dispose of contents/ container according to local, state and federal regulations.

FIRST AID:

Inhalation: If inhaled, remove victim to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention. **Skin:** In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. **Eyes:** Immediately flush eye(s) with plenty of water. **Ingestion:** If swallowed, DO NOT induce vomiting. Get medical attention. Never give anything by mouth to an unconscious person.

IN CASE OF FIRE:

Preferably use an alcohol resistant foam or water spray, polyvalent foam, BC powder or carbon dioxide. Solid water jet ineffective as extinguishing medium.

FOR PROFESSIONAL USE ONLY FOR EMERGENCY HELP

24 Hours a Day contact: INFOTRAC at 1-800-535-5053

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TECHNICAL

MATERIAL PROPERTIES AT 75°F:

Mixed VOC Content:	0 g/L
Mix Ratio (by volume):	4:1
Tack Free Time:	6-8 hours
Recoat Time (min/max):	12hrs. / 24hrs.
Light Foot Traffic:	24 hours
Vehicular Traffic (hours):	72 hours
ASTM D-570 - Water Absorption (24hrs.):	<0.5%
ASTM D-635 - Flammability:	Self-Extinguishing
ASTM D-638 - Tensile Strength psi:	4,500psi - 5,200psi
ASTM D-638 - Tensile Elongation %:	20% - 30%
ASTM D-695 - Compressive Strength:	7,500
@ 24 hours:	9,800
@ 7 days:	Pass
ASTM C-722 - Monolithic Surfacing:	Pass
ASTM D-2794 - Impact Resistance:	36mg
ASTM D-4060 - Abrasion Resistance (CS-17):	120
ASTM D-4366 - Konig Hardness:	
ASTM D-4541 - Adhesion Strength:	>600psi

*EPA Method 24 - Floor Category

CHEMICAL RESISTANCE:	Y: RESISTANT	S: SPLASH & SPILL	N: NOT RECOMMENDED
Acetic Acid:	Y	Mineral Spirits:	S
Acetone:	N	Motor Oil:	Y
Ammonia 30%:	Y	Mustard:	N
Ammonium Hydroxide 30%:	Y	Nitric Acid 20%:	S
Animal Urine:	S	Nitric Acid 40%:	N
Antifreeze:	Y	Orange Juice:	Y
Benzyl Alcohol:	S	Phosphoric Acid 10%:	Y
Brake Fluid:	Y	Phosphoric Acid 30%:	S
Calcium Hypochlorite (Chlorine):	Y	Phosphoric Acid 50%:	S
Chromic Acid 10%:	Y	PM Solvent:	Y
Citric Acid 10%:	Y	Silver Nitrate 20%:	Y
Clorox:	Y	Skydrol:	S
Ethyl Acetate:	N	Sodium Hydroxide 50% (Caustic Soda)	Y
Gasoline:	Y	Sodium Hypochlorite 15% (Bleach)	Y
Glycol Ether:	N	Sodium Hypochlorite 50% (Bleach)	N
Hydraulic Fluids:	N	Sulfuric Acid 10% (Battery Acid):	Y
Hydrochloric Acid 35%:	Y	Sulfuric Acid 50% (Battery Acid):	Y
Hydrofluoric Acid 40%:	N	Toulene:	N
Hydrogen Peroxide 30%:	S	Trichloroethylene (1,1,1):	S
Iodine 2%:	Y	Trichloroethylene:	N
MEK:	N	Windshield Wiper Fluid:	Y
Methonal:	N	Xylene:	S
Methyl Cellosolve:	N		
Methylene Chloride:	N		