



WATER BASED URETHANE

PARTS A & B

GLOSS OR MATTE SURFACE SEALER

URETHANE WB IS A PREMIUM CLEAR WATER-BASED TWO-PART HIGH PERFORMANCE URETHANE COATING WHICH UTILIZES ALIPHATIC URETHANE POLYMER TECHNOLOGY. IT PROVIDES EXCELLENT FILM HARDNESS, CHEMICAL, ABRASION AND UV RESISTANCE.

PRODUCT HIGHLIGHTS

- UV resistant, non-yellowing
- Great scratch & abrasion resistance
- Excellent chemical resistance
- Recommended as a clear topcoat when broadcasting decorative flakes
- Easy to use 50 VOC low odor formula
- Excellent hot tire pick-up resistance
- Recommended for vertical or horizontal applications
- Ratio: 3 Parts A to 1 Part B

USES

WB Urethane can be applied directly to many surfaces without the need of a primer, i.e., concrete, wood, aluminum and galvanized metal. The coating is widely used to provide a high gloss or matte finish to concrete floors. It is recommended on floors and walls in equipment and clean rooms, as well as amusement parks, refineries, power industry, storage tank exteriors and wastewater facilities.

QUICK LOOK: PART A

Solids Content: GLOSS: 60% MATTE: 50%

Toxicity: Harmful if inhaled

VOC's: Low

Flammability: Flammable

Composition:

Color:

Odor:

Coverage: * 450-550 sq.ft.

**Coverage rates may vary depending on porosity, texture, application method and prior sealer application. Excess buildup should be avoided.*

FOR MORE INFORMATION, PLEASE SEE SDS.

QUICK LOOK: PART B

Solids Content: GLOSS: 60% MATTE: 50%

Toxicity: Harmful if inhaled

VOC's: Low

Flammability: Flammable

Composition:

Color:

Odor:

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QUICK LOOK: PART B

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VOC's: Low

Flammability: Flammable

Composition:

Color:

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Composition:

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Odor:

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SURFACE PREP & APPLICATION CONDITIONS:

New concrete should be allowed to cure for a minimum of 28 days. The concrete must be structurally sound, dry, and free of grease, oils, coatings, dust, curing compounds and other coatings or contaminant. Temperature of the air, substrate and material should be between 50°F and 95°F. Relative humidity should not be above 80%. Two coats are recommended with a minimum of 6 hours and a maximum of 24 hours dry time between coats.

MIXING INSTRUCTIONS:

Mix Part A by using a low speed drill with mixing attachment for 2 minutes. Add Part "B". Mix an additional 2 minutes. Mix only the amount of material that can be applied during the pot life (approximately 1.5 hour, depending on air/surface temperatures). Do not aerate the mix, but let sit for 3-4 minutes for induction time. Apply immediately.

APPLICATION & CLEAN UP:

Apply using a 1/4" short nap roller for horizontal surfaces; 1" nap for vertical surfaces. Apply light coats no more than 24 hours between coats. Use paint pan to control amounts. Clean tools and application equipment immediately after use with water first and wipe; then use an active solvent like xylene. Clean spills and drips while still wet with xylene. Dispose of container and contents in accordance with local laws and regulations.

PRECAUTIONARY STATEMENT:

PART A: 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.

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. Contains isocyanates. May produce an allergic reaction.

FIRST AID:

EYES: Flush thoroughly with water, lifting both eyelids. Get Medical Help.

SKIN: Wash with soap and water. Remove and launder contaminated clothing before reuse. If irritation develops, Get Medical Help.

INGESTION: Do not induce vomiting. Get Immediate Medical Help.

INHALATION: Remove to fresh air immediately. If breathing difficulty continues, administer oxygen and Get Medical Help.

IN CASE OF FIRE:

Use fire extinguishing methods suitable to surrounding conditions.

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:	<50 g/L
Mix Ratio (by volume):	3:1
Tack Free Time:	6 hours
Recoat Time (min/max):	6hrs. / 24hrs.
Light Foot Traffic:	24 hours
Vehicular Traffic (hours):	5 Days
ASTM E-96 – Water Vapor Transmission:	1.39 perms
ASTM D-638 - Tensile Strength psi:	2,700 - 2,900psi
ASTM C-722 - Monolithic Surfacing:	Pass
ASTM D-2794 - Impact Resistance:	Pass; >160 inch/lb.
ASTM D-4060 - Abrasion Resistance (CS-17):	2.5 - 4mg
ASTM D-4366 - Konig Hardness:	110-111
ASTM D-4541 - Adhesion Strength:	460 - 480psi

*EPA Method 24 - Floor Category

CHEMICAL RESISTANCE:	Y: RESISTANT	S: SPLASH & SPILL	N: NOT RECOMMENDED
Acetone:	Y	Motor Oil:	Y
Animal Urine:	Y	Mustard:	Y*
Antifreeze:	Y	Natural Grain Spirits 190 Proof:	Y
Bleach:	Y	Orange Juice:	Y
Brake Fluid:	N	Phosphoric Acid 10%:	Y
Calcium Chloride:	Y	Skydrol:	Y
Cooking Oil:	Y	Sodium Hydroxide 50% (Caustic Soda):	Y
De-Icing Salts:	Y	Sulfuric Acid 10% (Battery Acid):	Y
Detergents:	Y	Sulfuric Acid 37% (Battery Acid):	Y
Gasoline:	Y	Toluene:	Y
Hydraulic Fluids:	Y	Trisodium Phosphate (TSP):	Y
Hydrochloric Acid 10%:	Y	Water:	Y
Hydrofluoric Acid 37%:	Y	Windshield Wiper Fluid:	Y
Isopropyl Alcohol:	Y	Xylene:	Y
Iodine 2%:	Y		
MEK:	Y		
		*Will stain unless immediately removed	