



# UGlaze-SB Product Data Sheet

## PRODUCT DESCRIPTION:

UGlaze-SB is a one component moisture cured polyurethane (HDI based) topcoat.

## USES:

UGlaze-SB is designed as a topcoat that superior characteristics for abrasion resistance and chemical resistance and has good UV stability.

## ADVANTAGES:

- Glossy finish
- Easy Mix/Application
- UV Stable

## COLORS

Available in Clear only

## PRODUCT INFORMATION

PACKAGING	1 Gallon Unit 5 Gallon Unit
FINISH CHARACTERISTICS	High Gloss
SHELF LIFE	3 months in unopened containers
SOLID CONTENT BY WEIGHT	Mixed = 65% (+/- 3%)
SOLID CONTENT BY VOLUME	Mixed = 60% (+/- 3%)
VOLATILE ORGANIC CONTENT	Less than 329g/l

## TECHNICAL INFORMATION

ABRASION RESISTANCE	Taber abrasor CS-17 calibrase wheel with 1000 gram total load and 500 cycles= 4.4 mg loss
IMPACT RESISTANCE	Gardner Impact, direct & reverse= 100 in. lb. (passed)
FLEXIBILITY	No cracks on a 1/8" mandrel
ADHESION STRENGTH	360 psi @ elcometer (concrete failure, no delamination) (applied over UCoat Water based epoxy)

## APPLICATION INFORMATION

MIXING RATIO	One component product
COVERAGE	320-800 square feet @ 2-5 mills wet thickness
POT LIFE	3 - 5 hours @68°F
CURE SCHEDULE (68°F)	Tack Free (dry to touch) 3-5 hours Recoat or Top Coat 9-13 hours Light Foot Traffic 13-24 hours Full Cure (heavy traffic) 3-5 days
CHEMICAL RESISTANCE	Please contact a UCoat It Representative
IDEAL APPLICATION TEMPERATURE	50°F-90°F with relative humidity between 60-90%
PRIMER	UCoat
TOP COAT	None Recommended.

## APPLICATION INFORMATION

### PRIMING

Using a UCoat as a primer is required.

### PRODUCT MIXING

This product is a one component product. Before using stir well. Avoid whipping air into the coating when stirring.

### PRODUCT APPLICATION

The material can be applied by brush or roller. Be sure to thoroughly roll out the material in successive passes to make sure the substrate is well wetted out. Read the SDS before using. Maintain temperatures within the recommended ranges during the application and curing process. Properly prime the substrate. Too thick of an application or application to a damp surface may cause product failure. When using a primer other than those listed on the front of this technical data sheet, apply a test patch before overcoating the primer to determine suitability and compatibility. Because the product is applied as a very thin protective coating, some environments that are dusty, may deposit dust particles on the surface that could be visibly seen. Always apply a test patch prior to large scale applications to determine product suitability.

### RECOATING OR TOPCOATING

Multiple coats of this product are acceptable. If you opt to re-coat this product, you must first be sure that all of the solvents have evaporated from the coating during the curing process. The information on the front side are reliable guidelines to follow. However, it is best to test the coating before recoating or topcoating. This can be done by pressing on the coating with your thumb to verify that no fingerprint impression is left. If no impression is created, then the recoat can be started. Always remember that colder temperatures will require more cure time for the product before recoating can commence. Before recoating or topcoating, check the coating to insure no contaminants exist such as an epoxy blush. If necessary, clean the surface prior to recoating with a standard type detergent cleaner. When recoating this product with subsequent coats of the urethane, it is advisable to apply the recoat before 24 hours passes. Also, it is advisable to degloss the previous coat to insure a trouble free bond, if more than 24 hours has elapsed since the previous coat.

### LIMITATION

Clarity of color may be affected by high humidity, low temperatures, chemical exposure or exposure to lighting such as sodium vapor lights. For best results use a high quality

3/8" nap roller. Slab on grade requires moisture barrier. Substrate temperature must be 5°F above dew point. All new concrete must be cured for at least 30 days. Use a suitable primer if recoating after 24 hours, then the surface must be deglossed before the application. The concrete and joints must be thoroughly dry prior to application. Applying the product thicker than recommended may result in product failure. Applications in direct sunlight, high humidity or high temperatures may cause surface curing before suitable air release has occurred. Physical properties are typical values and not specifications. See reverse side for application instructions. See reverse side for limitations of our liability and warranty.

### LEGAL DISCLAIMER

Prior to each use of any product of UCI NA LLC., its subsidiaries or affiliates ("UCoat It") the user must always follow the instructions and warnings on the product label, product data sheets and safety data sheets which are available on ucoatit.com or by calling 800-826-2848. Nothing contained in any UCoat It literature or materials relieves the user of the obligation to read and follow the instructions of each UCoat It product set forth in the product label, product data sheet and safety data sheet prior to use of the UCoat It product.

UCoat It warrants this product should ever peel up, blister or lift from a properly prepared (previously untreated and uncoated) concrete floor surface during the lifetime of the original purchaser so long as the original purchaser continues to maintain ownership of the said coated floor and can provide an original proof of purchase; User's and/or buyer's sole remedy shall be limited to the purchase price or replacement of this product exclusive any labor costs. No other warranties express or implied shall apply including any warranty for a particular purpose. UCoat It shall not be liable under any legal theory for special or consequential damages.



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