



UGloss® Technical Data Sheet

UGloss is a two component water based catalyzed aliphatic high performance urethane emulsion sealer suitable for interior and exterior areas. Being water based product UGloss also has objectionable solvent odors associated with urethane products, a very long pot life, excellent abrasion resistance and can be used as a standalone coating or topcoat.

STANDARD COLORS: CLEAR

Quick Facts

SOLIDS BY WEIGHT: 30% (+/- 2%)	ABRASION RESISTANCE: Taber abrasor CS-17 calibrase wheel with 1000 gram total load and 500 cycles = 10 mg loss
SOLIDS BY VOLUME: 24% (+/- 2%)	IMPACT RESISTANCE: Gardner Impact, direct = 50 in.lb. (passed)
VOLATILE ORGANIC CONTENT: 1.03#/gallon (regulatory VOC = 146g/l)	FLEXIBILITY: No cracks on a 1/8" mandrel
RECOMMENDED FILM THICKNESS: 3-4 mils wet (0.5 – 1.0 mils dry) multiple coats can be applied	ADHESION: 345 psi @ elcometer (concrete failure, no delamination)
COVERAGE PER GALLON: 500-1000 square feet @ 3-4 mils wet thickness	VISCOSITY: Mixed = <100 cps
MIX RATIO: 77:1 1 gallon Part A to 50 grams Part B by weight	FLEXURAL STRENGTH: No cracks on a 1/8" mandrel
SHELF LIFE: 1 year in unopened containers	ULTIMATE ELONGATION: 120%
FINISH CHARACTERISTICS: High gloss (>80 at 60 degrees)	DOT CLASSIFICATIONS: Not regulated

CURE SCHEDULE: (68F)

Pot life – 1 gallon volume	20-28 hours
Tack free (dry to touch).....	10-20 minutes
Recoat or topcoat.....	1-2 hours
Light foot traffic	2-4 hours
Full cure (heavy traffic)	2-3 days

IDEAL APPLICATION TEMPERATURE:

55-100 degrees F with relative humidity below 85%

CHEMICAL RESISTANCE:

REAGENT	RATING
Xylene	A
Mek	A
Gasoline	A
10% Sodium Hydroxide	B
50% Sodium Hydroxide	B
Acetic Acid 5%	A
10% Sulfuric	B
10% Hydrochloric Acid	B
20% Nitric Acid	A
Ethylene Glycol	B

Rating key: A - not recommended, B - 2 hour term splash spill, C - 8 hour term splash spill, D - 72 hour immersion, E - 7 Day exposure, F - long term immersion.

PRIMER: None required

TOPCOAT: None required. Multiple coats of UGloss are compatible.

LIMITATIONS: Clarity of color or gloss may be affected by high humidity, low temperatures or chemical exposure. Lighting like sodium vapor lights may affect color. Concrete Slab on grade requires moisture barrier. All new concrete must be cured for at least 30 days. Do not apply this product to areas where there is standing water, damp concrete can be coated. Additional coats should be applied before a twenty four hour time period has elapsed, otherwise, it may be necessary to slightly roughen and degloss the previous coat. Color stability or gloss may be affected by environmental conditions, high humidity or chemical exposure Colors may vary from batch to batch. Apply a suitable primer before using this product. This product is not UV color stable and will yellow in the presence of sunlight. We recommend a topcoat. Substrate temperature must be 5°F above dew point. For best results, apply with a 3/8" nap roller.



Mixing and Application Instructions

- 1) PRODUCT STORAGE:** Store product in an area so as to bring the material to normal room temperature before using. Continuous storage should be between 60 and 90 degree F. Low temperatures or great temperature fluctuations may cause crystallization.
- 2) SURFACE PREPARATION:** Surface preparation will vary according to the type of UCoat It system to be applied. For a one or two coat thin build system (1-3 mils dry) we recommend an acid wash. All dirt, oil, dust, foreign contaminants and laitance must be removed to assure a trouble free bond to the substrate. UGloss can be applied to a damp floor as long as there are not standing puddles.
- 3) PRODUCT MIXING:** UGloss should be used in its entirety. After the two parts are combined, mix well with slow speed mixing equipment such as a jiffy mixer until the material is thoroughly mixed and streak free. UGloss can be used as a single component (Part A) product, for best results we recommend Part B be added.
- 4) PRODUCT APPLICATION:** If you recoat or topcoat this product, you must first be sure that the coating has tacked off before recoating. However, if you exceed full cure time previous coat should be deglossed to insure a trouble free bond prior to application of recoats or topcoats. Always remember that colder temperatures will require more cure time for the product before recoating or topcoating can commence.
- 5) RECOATING:** Multiple coats of UGloss are acceptable and sometimes required to achieve the best results over a bare substrate. To recoat with UGloss, you must first be sure that all of the solvents and water have evaporated from the coating during the curing process. It is best to test the coating before recoating. 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.
- 6) CLEANUP:** Use PM Solvents.
- 7) FLOOR CLEANING:** Some cleaners may affect the color of the floor installed. Test each cleaner in a small area, utilizing your cleaning technique. If no ill effects are noted, you can continue to clean with the product and process tested.
- 8) RESTRICTIONS:** Restrict the use of the floor to light traffic and non-harsh chemicals until the coating is fully cured (see technical data under full cure). It is best to let the floor remain dry for the full cure cycle. Dependent on actual complete system application, surface may be slippery, especially when wet or contaminated; keep surface clean and dry.

NOTICE TO BUYER: Disclaimer of warranties and limitations of liability

This warranty applies only to the Do-it-yourself customer of UCoat It America, LLC and the UCoat floor coating products. If a UCoat It floor coating 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; UCoat It America, LLC will at its option refund the customer the purchase price or replace the materials that have peeled or blistered.

UCoat It America, LLC and its agents and representatives entire liability for the warranty shall be limited and in no event shall extend beyond that which has been stated herein and granted to the do-it-yourself customer. Said liability shall not extend to indirect, specific, incidental or consequential damages as they may relate to handling, storage, use, misuse or improper application of UCoat It products.

Do-it-yourself is defined as a customer of UCoat It America, LLC who purchases a UCoat It product directly from UCoat It America, LLC or one of its authorized agents or representatives and applies/installs said product(s) himself/herself without modification or deviation from prescribed procedures written by UCoat It America, LLC and included with the purchased product(s) in his/her owned structure.

Limited warranty applies only to coated areas which are part of a dwelling or structure which is owned by the do-it-yourself customer. Properly prepared floor is defined as a previously untreated/uncoated concrete floor in good condition where all preparation steps as defined by UCoat It America, LLC in written instructions have been successfully performed prior to application of a UCoat It product.

This limited warranty shall only apply to peeling, blistering or lifting that occurs to properly prepared floors as defined above. To activate your warranty, please completely fill out and send in warranty card at the back of this book.

Precautions and Limitation of Warranty

We warrant that our product is manufactured to the specifications as stated here or in other publications. All other information supplied by us is accurate to the best of our knowledge. Such information supplied about our products is not a representation or a warranty. It is supplied on the condition that you shall make your own tests to determine the suitability of our product for your particular purpose.

No warranty is made, expressed or implied, regarding such other information, the data on which it is based, or the results you will obtain from its use. No warranty is made, expressed or implied, that our product shall be merchantable or that our product shall be fit for any particular purpose. No warranty is made that the use of such information or our product will not infringe upon any patent.

We shall have no liability for incidental or consequential damages, direct or indirect. Our liability is limited to the net selling price of our product or the replacement of our product, at our option. Acceptance of delivery of our product means that you have accepted the terms of the warranty whether or not purchase orders or other documents state terms that vary from this warranty. No representative is authorized to make any representation or warranty or assume any other liability on our behalf with any sale of our products. Uncured epoxy resins, polymers and their curing agents may be alkaline, toxic or both, depending on the system. They may cause allergic reactions or hypersensitivity reactions. Before using any material, read the Material Safety Data Sheet and follow all precautions to prevent bodily harm.