



UGlaze-84

Polyaspartic Top Coat

PRODUCT DATA SHEET

UGlaze-84 is a two component high solids polyaspartic topcoat featuring excellent chemical and abrasion resistance, uv stability and hardness. UGlaze-84 is intended as a user friendly coating for use in commercial and residential applications to topcoat over decorative flakes and quartz broadcasts.

QUICK FACTS

SOLIDS BY WEIGHT: Mixed = 84% (+/- 3%)	FINISH CHARACTERISTICS: Gloss (>80 @60° at glossmeter)
SOLIDS BY VOLUME: Mixed = 83% (+/- 3%)	ABRASION RESISTANCE: Taber adrasor CS-17 calibrase wheel with 1000 gram total load and 500 cycles = 15 mg loss
VOLATILE ORGANIC CONTENT: Less than 95 g/l	COMPACT STRENGTH: 11,500 psi @ ASTM D695
RECOMMENDED FIL THICKNESS: 5-12 mils wet	ULTIMATE ELONGATION: 2.4%
COVERAGE PER GALLON: 150-350 sq.ft. per gallon	TENSILE STRENGTH: 3,800 psi @ ASTM D638
MIX RATIO: Part B (1 gallon) to Part A (1 gallon)	VISCOSITY: Mixed = <500 centipoise
Odor: Mild solvent odor	HARDNESS: Shore D = 55-60
SHELF LIFE: 6 months in unopened containers	DOT CLASSIFICATION: Part A - Not Regulated, Part B - UN1993, Flammable Liquid N.O.S., (contains xylene, ethylbenzene) 3, PGIII

PRIMER

UGlaze or UPrime-MCP

TOPCOAT

None required

COLORS

Clear

PACKAGING

2 gallon and 10 gallon units

IDEAL APPLICATION TEMPERATURE

50-90°F with relative humidity below 85%

CURE SCHEDULE (70°F, 70% relative humidity)

Pot life - 1 gallon volume.....	< 2 hours
Working Time.....	10-20 minutes
Tack free (dry to touch).....	4-8 hours
Recoat or topcoat.....	6-9 hours
Light foot traffic.....	24 hours
Full cure (heavy traffic).....	2-7 days

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. Keep from freezing.

BASIS OF PRODUCT DATA

Results may differ based upon statistical variations depending upon mixing methods and equipment, temperature, application methods, test methods, actual site conditions and curing conditions.

LIMITATIONS

Proper ventilation is necessary when using this product. Color stability may be affected by environmental conditions like high humidity and chemical exposure. Exposure to some types of lighting such as sodium vapor lights may cause discolorations. Substrate temperatures must be above 5°F above dew point. Too thick of an application may result in surface imperfections or bubble generation. Always apply a test patch to determine product suitability and adhesion performance for your proposed application method and procedures. Do not expose this product to water until fully cured. Physical properties listed on this technical data sheet are typical values and not specifications. See reverse side for limitations of our liability and warranty.

See reverse side for application instructions.

MIXING AND APPLICATION INSTRUCTIONS

SURFACE PREPARATION:

- Surface must be clean, sound and dry. Remove dust, laitance, grease, curing compounds, bond inhibiting impregnations, waxes and any other contaminants. All projections, rough spots, etc. should be removed to achieve a level surface prior to the application.
- Sweep and vacuum any remaining dirt and dust with a wet/dry vacuum. Removing residual dust will help ensure a tenacious bond between the primer/ coating and the substrate.

PRIMING:

Priming substrate is required. Prime with UCoat. Allow the primer to dry until tack free before applying subsequent coats. Ensure that the primer is pore-free, pinhole-free and provides uniform and complete coverage over the entire substrate.

PRODUCT MIXING:

Mixing ratio: 1 to 1 by volume. For bulk packaging, when not mixing full units, each component must be pre-mixed separately to ensure product uniformity. 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. After mixing, transfer the mixed material to another pail (the transfer pail) and again remix. Improper mixing may result in product failure.

PRODUCT APPLICATION:

The mixed material can be applied by flat squeegee or 1/2" lint free roller. Maintain temperatures and relative humidity within the recommended ranges during the application and curing process. The product is intended to be used as a topcoat and seal in the broadcasted flakes or quartz aggregates. Use an air release roller tool when needed. Improper mixing may result in product failure. Relative humidity can have a dramatic influence on curing. The product will dry quicker and have less working time when relative humidity is higher while a lower humidity will lengthen working time.

NOTICE TO BUYER: Disclaimer of warranties and limitations of liability

This warranty applies only to the Do-it-yourself customer of UCI NA 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; UCI NA 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 UCI NA LLC. who purchases a UCoat It product directly from UCI NA 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 UCI NA 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 UCI NA 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.

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 Safety Data Sheet and follow all precautions to prevent bodily harm.



P.O. Box 726
Royal Oak, MI 48067
(800)826-2848 - Toll Free
(248)922-6748 - Local
www.UCoatit.com

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