



UGlaze®

High-Gloss UV-Resistant Polyurethane Sealant Instruction Manual

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In this manual, learn to: **Mix and Apply UGlaze Sealant**





BEFORE YOU BEGIN

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For technical support, call (800) 826-2848.
Monday-Friday: 9:00am-5:30pm EST
Closed Weekends and all major holidays.

NOTE: A voice message may be left for Technical Support during non-business hours.
Our website is also available for many troubleshooting issues - www.UCoatIt.com

REVISED7 /16

Register your UCoat It Floor: Visit UCoatIt.com/WarrantyRegistration

Product Description

UGlaze can be used as a decorative enhancement kit sold as an option to the UCoat standard coating system or as a standalone system. UGlaze will easily transform a UCoat standard system floor into a look of a beautiful, high-gloss finish. This not only increases your floor's beauty but enhances the durability of the coating as well.

Recommended Uses:

Any Concrete, Wood, metal or coated surface.

Limitations:

- ★ Clarity may be affected by high humidity, low temperatures or exposure to chemicals during full cure cycle.
- ★ For best results apply using 3/8" nap premium roller cover.
- ★ Restrictions: Restrict the use of the floor to light traffic and non-harsh chemicals until the coating is fully cured.
- ★ Store product in a dry place between 60° and 90°F. Keep from freezing.

UGlaze Mixing Information:

UGlaze is a two-part, water based polyurethane coating system that uses a 2 : 1 mix ratio (two parts Part B Base to one part of Part A (Activator)). If mixing smaller quantities, always maintain this mix ratio. DO NOT mix more than one can of Part A and Part B at a time.

Once you have mixed UGlaze you must apply the material within the allotted pot life of the product or it will become unusable. Pot life is affected by both temperature and humidity within the application area. Use the chart at right to gauge the pot life of the mixed UGloss-AF based on your local conditions.

Pot Life				
Temperature	Rel. Humidity			
	52%	70%	80%	90%
70°F	60	50	35	20
80°F	55	45	30	5
90°F	45	35	20	
100°F	20	10		
Working times shown in minutes				

METHOD 1: USING UGLAZE AS A TOP COAT SYSTEM OVER UCOAT

IMPORTANT: The UGlaze must be applied within 36 hours at 68°F to achieve a proper bond. If applied more than 36 hours later, it is necessary to scuff the entire UCoat finish coat with 60-80 grit sandpaper to achieve a sufficient mechanical bond.

Components needed to apply the UGlaze as top coat floor coating system:

- Mixing bucket (clean and dry)
- One 2" trim brush
- Garden hose with spray nozzle
- One 9" roller handle with new 3/8" nap cover (extension handle recommended)
- One ½ gallon can of UGlaze Part A Activator
- Mixing paddle/stir stick
- One gallon bucket of UGlaze Part B Base

Mixing Instructions

UGlaze is pre-measured and each set of cans (Part A & Part B) should be mixed in its entirety. If partial quantities are to be mixed, maintain the proper ratio of two parts Part B to one part of Part A (2:1) . Combine parts A and B and mix thoroughly with stirring stick for at least one minute.

Application Instructions

1. Be sure the UCoat epoxy finish coat is completely dry and tack-free (4-6 hrs at 68°F).
2. The mixed UGlaze material can be applied by brush or roller (3/8" nap). Follow the same procedure as you did to apply the UCoat finish coat. Apply an even coat across the surface being careful to cover any roller marks or missed spots. Temperature and humidity must remain within the recommended ranges during application and flash cure (approx. 2hrs.)
3. Pot life of product is approximately one hour (at 68°F). Higher temperatures can shorten the working time you have with the mixed UGloss-AF material (see chart on next page). In addition, mixing more than 1½ gallons of material at a time will also shorten pot life prematurely — Do not mix more than ½ gallon Part A Activator and one gallon Part B Base at a time. Shelf life of unmixed product is 1 year.
4. If applying multiple coats, be sure that the previous coat is tack free and is dry to the touch. Press the coating with your thumb to test it and verify that no fingerprint is left. If no impression appears you may proceed with recoating. Always remember that colder temperatures will lengthen curing times. If it has been longer than 12 hours since your last coat, you will need to prepare the surface by cleaning and scuffing using a 60-80 grit sand paper. We do not recommend applying any coating over UGlaze.
5. Under typical conditions, your UGlaze floor will be dry enough for foot traffic and light contents after 6-8 hours (at 68°F). You can drive on it the next day. NOTE: Vehicles and other items with rubber tires should not be parked or left in contact with the coating during the first 24 hours after application. A reaction can occur between the uncured clear coat and the chemicals found in many tire compounds, causing a "stain" or dark area under the tires.
6. Cleanup: Use keytone solvents.
7. Floor maintenance: Always test any floor cleaning products on an inconspicuous area to make sure they do not affect the UGlaze surface. We recommend UClean® for general floor care.

METHOD 2: USING UGLAZE AS A STANDALONE SYSTEM**Special Preparation Procedures**

Preparation of the floor is the difference between a successful or unsuccessful application. Always test the floor for sealers, cure/hardening compounds or other existing coatings that might prevent UGlaze from penetrating the surface of the concrete. To test, pour ¼ oz. of muriatic acid (full strength) directly onto the concrete floor in an inconspicuous area. The reaction of the acid solution should be positive and display an effervescence or foaming on the surface. If no immediate reaction occurs, you can be certain of a cure compound or sealer being present.

Previously Coated Concrete (NOT peeling or lifting)

If your floor has a previous coating that is not worn through to the cement or dull from wear, and not peeling or flaking, scuff or sand the surface with a 60-80 grit sandpaper to prepare the surface for a mechanical bond. Chemically clean, then rinse.

Rough or Irregular Surfaces

Surface wear, imperfections in finishing and pouring techniques may leave areas of the floor rough. UGlaze will not necessarily fill in rough spots or provide a level surface when the substrate is irregular, but present no special problem for the adhesion or performance of UGlaze.

New/Fresh Concrete

Freshly poured concrete should be allowed to cure for 30 days. Do not apply any sealers or curing agents to the floor. Hand-troweled smooth, bare untreated concrete is ideal. After 30 days proceed with normal UGlaze preparation and application instructions, including acid wash.

Preparing your floor — new or old concrete

1. Remove all items from the floor being coated and thoroughly sweep and rinse out all dust and dirt. Pre treat the floor by wetting thoroughly with water. The concrete should accept the water rinse evenly and consistently across the entire surface to be coated.
2. While the floor is clean and damp, identify any problem areas. Carefully examine the floor of any areas where there are signs of water beading or filming on the surface indicate a contaminant, such as oil or silicone, is present.
3. Oil spots and stains are the most common conditions encountered. To determine whether a stain will present a problem, perform the Water Test. Using a garden hose, mist water over the stain. If the water beads or appears to film on the surface, this means the stain will act as a barrier preventing your UCoat material from bonding with the cement. Treat the stain with USolv®, UDegrease® or another high-quality, water-washable degreaser. In some cases, dishwasher detergent may be used to adequately clean the surface. Scrub the area with a stiff bristled broom to agitate the stain. Rinse the area and inspect again, however if water continues to bead on the surface, re-treat the stain and scrub again until water no longer beads on the stain.
4. After cleaning and degreasing the surface, you will rinse the area with a mild acidic solution to neutral pH levels and promote bonding of the UGlaze material. Fill your empty UCoat bucket $\frac{3}{4}$ full of fresh water and add $\frac{1}{2}$ gallon of muriatic acid or two (2) quarts of UPrep-CLC and stir the solution lightly. Refer to the UPrep-CLC instructions for more details. Take proper care when handling the acid solution, using safety goggles and gloves. When mixing with water, always pour the water in first then add the acid. Pre-rinse your concrete floor and pour the mixed solution over the area being prepared using your stiff-bristled broom to gently agitate the solution. Rinse and then repeat this step once more over the entire floor.
5. Rinse the floor two or three times thoroughly with fresh water to further neutralize the chemicals and flush away the soils and debris. Soak up any standing water and puddles. If unable to saturate thoroughly with fresh water, sprinkle the floor with baking soda to promote neutralization of the acid, and rinse clean. In enclosed areas (such as basements) without floor drains, a mop and bucket may be used.

These instructions apply to a previously uncoated concrete floor in good general condition with only minor cracks and oil stains. If your evaluation indicates any problems other than minor oil stains or small cracks, refer to the Special Procedures section on the following page for how-to tips or call us at 1-800-826-2848 to speak with one of our UCoat It representatives for advice.

Components needed to apply the UGlaze as a Standalone floor coating system:

- Mixing bucket (clean and dry)
- One $\frac{1}{2}$ gallon can of UGlaze Part A Activator
- Mixing paddle/stir stick
- One 9" roller handle with new $\frac{3}{8}$ " nap cover (extension handle recommended)
- Garden hose with spray nozzle
- One gallon bucket of UGlaze Part B Base
- One 2" trim brush

Mixing and Application

UGlaze is pre-measured and each set of cans (Part A & Part B) should be mixed in its entirety. If partial quantities are to be mixed, maintain the proper ratio of two parts Part B to one part of Part A (2:1). Combine parts A and B and mix thoroughly with stirring stick for at least one minute.

1. In the clean mixing pail add the contents of one container each UGlaze Part A, then UGlaze Part B and stir for one minute with the provided stir stick. Once mixed, you must use all of the material within allotted pot life (see chart at right) or it will become thick and congeal in the pail becoming unusable. Warmer temperatures and higher humidity will increase the rate at which the mixed materials cure, thereby decreasing working time. See the chart at the right for additional details.

Pot Life				
Temperature	Rel. Humidity			
	52%	70%	80%	90%
70°F	60	50	35	20
80°F	55	45	30	5
90°F	45	35	20	
100°F	20	10		
Working times shown in minutes				

2. Weather conditions may require you to re-dampen the floor area before you begin or as you progress through the coating application. Remember, it is important that the UGlaze be applied to a damp floor to properly penetrate deep into the concrete surface.
3. With the 2" trim brush provided in your kit, begin coating by trimming along wall edges and around objects where they meet the floor. If you have a helper, he or she can trim ahead of you as you begin to roll out the floor. Keep a wet edge.
4. Attach the 9" roller handle with cover to your threaded extension pole so that you may easily apply mixed UGlaze material directly from the pail. Dip the attached roller into the pail and saturate the roller with the mixture. Withdraw it from the bucket and roll it out in an even coat, spreading it over the floor in an "M" & "W" pattern.
5. If you require a non-slip floor, broadcast the UTex (if purchased) by hand as heavily or lightly as desired as you are rolling out the coating. DO NOT MIX the UTex in the bucket with the UGlaze material as it will not remain suspended in the mixture and will not be evenly distributed onto the floor. Remember, UTex is meant to provide grip. Applying too much UTex may make wiping or mopping your floor very difficult. Use it sparingly.
6. Under typical conditions, your UGlaze floor will be dry enough for foot traffic and light contents after 6-8 hours (at 68°F). NOTE: Vehicles and other items with rubber tires should not be parked or left in contact with the coating during the first 24 hours after application. A reaction can occur between the uncured clear coat and the chemicals found in many tire compounds, causing a "stain" or dark area under the tires.
7. Cleanup: Use ketone solvents.
8. Floor maintenance: Always test any floor cleaning products on an inconspicuous area to make sure they do not affect the UGlaze surface. We recommend UClean® for general floor care.

Application Tips and Techniques

DO NOT apply coating if rain is forecast within 12 hours. Due to its high mineral content, well water is not recommended for use as a thinner or diluent with UCoat. DO NOT thin UCoat unless working in high temperatures (greater than 80°F) and/or low humidity (less than 70%). You may choose to mix smaller quantities of material: simply follow the 4:1 mix ratio using the ruler (stir stick) provided to measure the material as it is poured into the bucket (for example, with ruler standing against inside edge of mixing pail, pour 2" of Part B and add ½" of Part A for a total of 2½" of product).

If you purchased your kit more than 6 months prior to using it, you may need to have the materials (individual cans) mechanically shaken.

If applying the UCoat Kit with an additional Single Pack for a larger area, reserve 1/3 of Part C for the Single Pack portion of the bond coat. When coating larger areas, never mix more than one can each of Part A and Part B at a time. In extremely warm temperatures, the pail containing the mixed UCoat may be placed into a larger tub or container filled with ice and cold water to prolong working time, or you may simply work during cooler hours of the day (early mornings, evenings, etc.)

If the weather is extremely hot or dry and the concrete appears to be drying out too quickly, you may add water (up to ½ of the empty UCoat Part A can) to the mixture BEFORE applying any of it to the floor. DO NOT add water after you've started to coat your floor.

DO NOT pour the UCoat mixture onto the floor, even if it appears to be excess material. The coating will be too thick in the area in which it is poured and will not cure properly.

**UGlaze® Part A****SECTION 1 - PRODUCT AND MANUFACTURER IDENTIFICATION**

Manufacturer's Name: UCoat It America, LLC.
Address: 1797 Atlantic Blvd., Auburn Hills, MI 48326
Date Revised: 07-07-2016

Emergency Phone: Chemtrec - 1(800) 424-9300
Information Phone: 248-545-4055
Fax: 248-393-4300

SECTION 2 - COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT	CAS NO.	CONTENT
Homopolymer of HDI	281821-21-2	60-100%
Hexamethylene Diisocyanate	822-06-0	<=0.25%
Hydrophillic Aliphatic Polyisocyanate based on HMDI	Trade Secret	>=1.0%

California Proposition 65 Ingredients

None

Section 313 Supplier Notification

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right to Know Act of 1986 (40CFR372)

None

SECTION 3 - HAZARDOUS IDENTIFICATION**Hazard overview**Classification of the Substance or Mixture:

Resp Sensitizer, CAT 1; Acute Toxicity Inhale, CAT 4; STOT Single Exposure, CAT 3A, Respiratory

Signal Word:

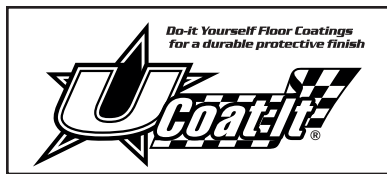
DANGER

Hazard Statements:

H305	May be harmful if swallowed and enters airways	Aspiration Hazard, Cat 2
H317	May cause an allergic skin reaction	Skin Sensitizer, Cat 1
H332	Harmful if inhaled	Acute Toxicity, Cat 4, Inhale
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled	Resp Sensitizer, Cat 1
H335	May cause respiratory irritation	Stot Single Exposure, Cat 3, Respiratory
H373	May cause damage to organs through prolonged or repeated exposure	Stot Repeated Exposure, Cat 2, Lungs
H402	Harmful to aquatic life	Acute Aquatic Environmental Hazard, Cat 3

Precautionary Statements:

P101	If medical advice is needed, have product container or label at hand
P102	Keep out of reach of children
P103	Read label before use
P202	Do not handle until all safety precautions have been read and understood
P260	Do not breathe fume/gas/mist/vapors/spray
P261	Avoid breathing vapors
P264	Wash thoroughly after handling
P270	Do not eat/drink/smoke while using this product
P271	Use only outdoors or in a well ventilated areas
P272	Contaminated clothing should not be allowed out of the workplace
P273	Avoid release to the environment
P280	Wear protective gloves/protective clothing/eye protection/face protection
P285	In case of inadequate ventilation wear respiratory protection
P301 + P310	If swallowed: immediately call a poison center/doctor

**UGlaze® Part A**

P302+P362+P353	If on skin: take off contaminated clothing, rinse skin with water/shower
P304+P340+P314	If inhaled: remove person to fresh air and keep comfortable for breathing, get medical advice/attention if you feel unwell.
P305+P351+P338	If in eyes: Rinse cautiously with water for several minutes, remove contact lenses if present and easy to do. Continue rinsing.
P308+P313	If exposed or concerned: get medical advice/attention
P312	Call a poison center/doctor if you feel unwell
P331	Do not induce vomiting
P333+P313	If skin irritation or rash occurs, get medical advice/attention
P337+P313	If eye irritation persists: get medical advice/attention
P342+P311	If experiencing respiratory symptoms: call a poison center or doctor/physician
P363	Wash contaminated clothing before reuse
P391	Collect spillage
P403+P235	Store in a well ventilated place. Keep cool.
P405	Store locked up
P501	Dispose of contents/container in accordance with local/regional/national/ international regulations

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910. 1200). Where a proprietary ingredient is shown, the identity may be made available as provided in this standard. All components of this product are included in the EPA Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

SECTION 3 - FIRST AID MEASURES

Eyes: Flush eyes with cold water for a minimum of 15 minutes, lifting lower and upper eye lids throughout. Seek immediate medical attention.

Skin: Immediately remove contaminated clothing. Wash thoroughly with soap and water. If irritation persists seek medical attention. Wash contaminated clothing before reuse.

Ingestion: Do not induce vomiting, get immediate medical attention, if vomiting occurs spontaneously keep head below hips to prevent aspiration of liquids into lungs. Do not give anything by mouth to an unconscious person.

Inhalation: Remove victim from exposure. If difficulty with breathing, administer oxygen and seek medical assistance.

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

HMIS Hazard Rating No. 1

Flammable Limits in Air % by Volume: Lower: Not Established Upper: Not Established

Flash point: 365°F

Method Used: Setaflash

General Hazard: Decomposition and combustion products may be toxic.

Extinguishing Media: Dry chemical, carbon dioxide, foam, water spray.

Special Firefighting Procedures: Move containers from area if it can be done without risk. Cool fire-exposed containers with water from the side. As in any fire, wear NIOSH/MSHA approved, pressure demand self contained breathing apparatus and full protective gear.

Unusual Fire and Explosion Hazards: No unusual fire hazards known.

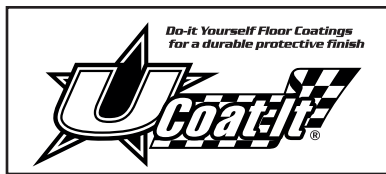
SECTION 5 - ACCIDENTAL RELEASE MEASURES

Steps to be taken in case material is released or spilled: Avoid contact with skin or eyes, Ventilate areas, and eliminate all sources of ignition. Wear appropriate protective gear, contain leak or spill, salvage, clean up residue with absorbent material. Decontaminate spill area with a decontamination solution : 3% concentrated Ammonia, 2% detergent and 95% water, allow to react for a t least 10 minutes before cleaning.

Waste Disposal Method: Handle disposal of waste material in manner that complies with local, state, province and federal regulation. Landfill if solidified, or incineration at agency approved waste-disposal facilities.

SECTION 6 - HANDLING AND STORAGE

Precautions to be taken in handling and storage: Store in dry and cool place at 50-95°F. Protect From Freezing. Condition material to 65-85°F before using.

**UGlaze® Part A****SECTION 7 - EXPOSURE CONTROLS / PERSONAL PROTECTION**

Ventilation: Ventilation is recommended. Air movement must be designed to insure turnover at all locations in work area to avoid build up of heavy vapors.

Personal Protection Equipment: Do NOT wear contact lenses when working with this material. Use chemical goggles/safety glasses with side shields and impervious gloves. Wear clothing with long sleeves and pants. In See section 3 for occupational exposure limit values. operations where mists can be generated or the exposure limits for crystalline silica exceeded, wear a NIOSH/MSHA approved dust/fume respirator selected by a technically qualified person for the specific work conditions. Wear respirator protection whenever airborne concentrations exceed TLV Confined spaces, room, or tanks are areas where concern for TLV's is especially important. Reference OSHA regulations CFR 29 1910.134 for recommended respiratory protection.

SECTION 8 - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point (°C): N/D	Water/Oil Distribution: N/A
Coefficient:	
VOC Content g/L: < 10 g/L (VOC)	Solubility in Water: Negligible
US EPA Method 24: Pt.A+Pt.B= < 10 g/L	
Freezing Point (°C): N/A	Specific Gravity @20°C: 1.15
Vapor Pressure @ 20°C: 5.2 x 10-9	pH: N/A
Vapor Density: >air	Evaporation Rate: N/A
Odor Threshold: N/A	Odor: Slight
Appearance: Amber liquid	

N/A = Not Available

N/D = Not Determined

Ca. = Approximate

SECTION 9 - STABILITY AND REACTIVITY DATA**HMIS Hazard Rating No. 1****Stability:** Stable.**Conditions to avoid (stability):** Water, amines, strong bases, alcohols, and metal compounds.**Incompatibility (material to avoid):** See incompatibility.**Hazardous decomposition or by-products:** Oxides of Carbon; aldehydes and acids. Decomposition and combustion products may be toxic.**SECTION 10 - TOXICOLOGICAL INFORMATION****HMIS Hazard Rating No. 2****PRIMARY ROUTE OF ENTRY:** Inhalation, dermal, eyes and ingestion.Effects Of Overexposure**Inhalation:** Causes irritation of the mucous membranes, sore throat, cough, and shortness of breath.**Eyes:** Vapors are irritating to the eyes and may cause tearing and clouding of the eye.**Skin Contact:** Causes skin irritation and in some cases sensitization with prolonged exposure.**Ingestion:** Not expected to be a relevant route of exposure although it may cause permanent damage to the mouth, throat, and stomach.**SECTION 11 - ECOLOGICAL INFORMATION****Marine Pollutant:** NL

(NL = Not listed; P = Moderate; PP = Severe; ND = Not Determined)

SECTION 12 - WASTE DISPOSAL**Waste disposal method:** Handle disposal of waste material in a manner that complies with all applicable local, state, provincial and federal regulations.

**UGlaze® Part A**

SECTION 13 - TRANSPORTATION INFORMATION

DOT (LAND TRANSPORT) SHIPPING INFORMATION: DOT PROPER SHIPPING NAME: NON – REGULATED**DOT HAZARD CLASS****DOT I.D NUMBER****LABEL(S)****AIR TRANSPORT****(ICAO/IATA):****NON – REGULATED****SEA TRANSPORT:****(IMDG)****NON- REGULATED**

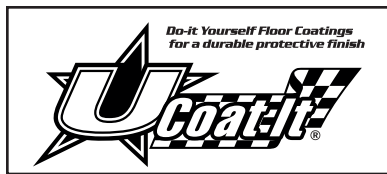
SECTION 14 - REGULATORY INFORMATION

OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200):**HAZARDOUS****CERCLA/ SUPER FUND (40 CFR 117,302):****NONE****SARA EXTREMELY HAZARDOUS SUBSTANCES (40 CFR 355):****NONE****SARA HAZARD CATEGORIES (40 CFR 370):****ACUTE HEALTH HAZARD, CHRONIC HEALTH HAZARD,
REACTIVITY HAZARD****SARA TOXIC CHEMICALS (40 CFR 372):****NONE****INVENTORY STATUS: THE CHEMICALS IN THIS PRODUCT ARE LISTED ON THE US TSCA CHEMICAL SUBSTANCES INVENTORY AND THE CANADIAN DOMESTIC SUBSTANCES LIST.**

SECTION 15 - OTHER INFORMATION

THE INFORMATION HEREIN HAS BEEN COMPLIED FROM SOURCES BELIEVED TO BE RELIABLE AND IS ACCURATE TO THE BEST OF OUR KNOWLEDGE. HOWEVER, U-COAT-IT CANNOT GIVE ANY GUARANTEES REGARDING INFORMATIONS FROM OTHER SOUCES, AND EXPRESSLY DOES NOT MAKE GUARANTEES REGARDING INFORMATION FROM OTHER SOURCES AND EXPRESSLY DOES NOT MAKE ANY WARRANTIES, NOR ASSUMES ANY LIABILITY, FOR IT'S USE.

DATE OF PREPARATION/ LAST REVISION: 07/01/2016

**UGlaze® Part B****SECTION 1 - PRODUCT AND MANUFACTURER IDENTIFICATION**

Manufacturer's Name: UCoat It America, LLC.
Address: 1797 Atlantic Blvd., Auburn Hills, MI 48326
Date Revised: 07-07-2016

Emergency Phone: Chemtrec - 1(800) 424-9300
Information Phone: 248-545-4055
Fax: 248-393-4300

SECTION 2 - COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT	CAS NO.	CONTENT
Propylene Glycol n-butyl ether	5131-66-8	1-5%
Triethanolamine	102-71-6	<10%
Water	7732-18-5	>=1%
Polyacrylate Resin	710313-77-2	>=1%

California Proposition 65 Ingredients

None

Section 313 Supplier Notification

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right to Know Act of 1986 (40CFR372)

None

SECTION 3 - HAZARDOUS IDENTIFICATION**Hazard overview**Classification of the Substance or Mixture:

Aspiration Hazard, CAT 2; Carcinogenicity, CAT 2

Signal Word:

WARNING

Hazard Statements:

H305 May be harmful if swallowed and enters airways

Aspiration Hazard, CAT 2

H361 Suspected of damaging fertility or the unborn child

Reproduction Toxicity, Cat 2

Precautionary Statements:

P102 Keep out of reach of children

P103 Read label before use

P201 Obtain special instructions before use

P202 Do not handle until all safety precautions have been read and understood

P272 Contaminated clothing should not be allowed out of the workplace

P308+P313 If exposed or concerned: Get medical advice/attention

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910. 1200). Where a proprietary ingredient is shown, the identity may be made available as provided in this standard. All components of this product are included in the EPA Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

SECTION 3 - FIRST AID MEASURES

Eyes: Flush eyes with cold water for a minimum of 15 minutes, lifting lower and upper eye lids throughout. Seek immediate medical attention.

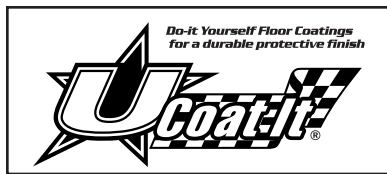
Skin: Immediately remove contaminated clothing. Wash thoroughly with soap and water. If irritation persists seek medical attention. Wash contaminated clothing before reuse.

Ingestion: Do not induce vomiting, get immediate medical attention, if vomiting occurs spontaneously keep head below hips to prevent aspiration of liquids into lungs. Do not give anything by mouth to an unconscious person.

Inhalation: Remove victim from exposure. If difficulty with breathing, administer oxygen and seek medical assistance.

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA**HMIS Hazard Rating No. 1**

Flammable Limits in Air % by Volume: Lower: Not Established Upper: Not Established

**UGlaze® Part B**

Flash point: N/D

Method Used: Pensky Martin C.C.

General Hazard: Decomposition and combustion products may be toxic

Auto-Ignition Temp.: Not Available

Extinguishing Media: Use water fog, carbon dioxide, or dry chemical.

Special Firefighting Procedures: Move containers from area if it can be done without risk. Cool fire-exposed containers with water from the side. As in any fire, wear NIOSH/MSHA approved, pressure demand self contained breathing apparatus and full protective gear.

Unusual Fire and Explosion Hazards: No unusual fire hazards known.

SECTION 5 - ACCIDENTAL RELEASE MEASURES

Steps to be taken in case material is released or spilled: Avoid contact with skin or eyes, Ventilate areas, and eliminate all sources of ignition. Wear appropriate protective gear, contain leak or spill, salvage, clean up residue with absorbent material. Decontaminate spill area with a decontamination solution : 3% concentrated Ammonia, 2% detergent and 95% water, allow to react for at least 10 minutes before cleaning.

Waste Disposal Method: Handle disposal of waste material in manner that complies with local, state, province and federal regulation. Landfill if solidified, or incineration at agency approved waste-disposal facilities.

SECTION 6 - HANDLING AND STORAGE

Precautions to be taken in handling and storage: Store in dry and cool place at 50-95°F. Protect From Freezing. Condition material to 65-85°F before using. Keep away from open flames and high temperatures. When handling, do not eat, drink, or smoke. Use in a ventilated area, and avoid contact with skin or eyes and avoid breathing vapors.

SECTION 7 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Ventilation: Ventilation is recommended. Air movement must be designed to insure turnover at all locations in work area to avoid build up of heavy vapors.

Personal Protection Equipment: Do NOT wear contact lenses when working with this material. Use chemical goggles/safety glasses with side shields and impervious gloves. Wear clothing with long sleeves and pants. In See section 3 for occupational exposure limit values. operations where mists can be generated or the exposure limits for crystalline silica exceeded, wear a NIOSH/MSHA approved dust/fume respirator selected by a technically qualified person for the specific work conditions. Wear respirator protection whenever airborne concentrations exceed TLV Confined spaces, room, or tanks are areas where concern for TLV's is especially important. Reference OSHA regulations CFR 29 1910.134 for recommended respiratory protection.

SECTION 8 - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point (°C): 100°C

Water/Oil Distribution: N/A

Coefficient:

VOC Content g/L: < 10 g/L (VOC)

Solubility in Water: YES

US EPA Method 24: Pt.A+Pt.B= < 10 g/L

Freezing Point (°C): 0

Specific Gravity @20°C: 1.09

Vapor Pressure @ 20°C: N/D

pH: N/A

Vapor Density: >air

Evaporation Rate: Less than ether

Odor Threshold: N/A

Odor: Faint

Appearance: Colorless with liquid

N/A = Not Available

N/D = Not Determined

Ca. = Approximate

SECTION 9 - STABILITY AND REACTIVITY DATA

HMIS Hazard Rating No. 1

Stability: Stable.

Conditions to avoid (stability): Protect from freezing

Incompatibility (material to avoid): Oxidizing agents

Hazardous decomposition or by-products: Oxides of Carbon and nitrogen; Decomposition and Combustion products may be toxic. Unidentified compounds may be formed during combustion.

**UGlaze® Part B****SECTION 10 - TOXICOLOGICAL INFORMATION****HMIS Hazard Rating No. 0**

PRIMARY ROUTE OF ENTRY: Eye and skin contact, breathing, and ingestion.

Effects Of Overexposure

Inhalation: Causes narcotic effects and headaches with overexposure.

Eyes: Contact can cause severe irritation and burns.

Skin Contact: In some individuals it may cause sensitization and mild burns.

Ingestion: May cause permanent damage to the mouth throat and stomach.

SECTION 11 - ECOLOGICAL INFORMATION

Marine Pollutant: NL

(NL = Not listed; P = Moderate; PP = Severe; ND = Not Determined)

SECTION 12 - WASTE DISPOSAL

Waste disposal method: Handle disposal of waste material in a manner that complies with all applicable local, state, provincial and federal regulations.

SECTION 13 - TRANSPORTATION INFORMATION**DOT SHIPPING INFORMATION:**

DOT PROPER SHIPPING NAME: NON – REGULATED

DOT HAZARD CLASS:

DOT I.D NUMBER: Labels(s)

AIR TRANSPORT

(ICAO/IATA): NON – REGULATED

SEA TRANSPORT:

(IMDG) NON- REGULATED

SECTION 14 - REGULATORY INFORMATION

OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200): HAZARDOUS

CERCLA/ SUPER FUND (40 CFR 117,302): NONE

SARA EXTREMELY HAZARDOUS SUBSTANCES (40 CFR 355): NONE

SARA HAZARD CATEGORIES (40 CFR 370): N/A

SARA TOXIC CHEMICALS (40 CFR 372): NONE

INVENTORY STATUS: THE CHEMICALS IN THIS PRODUCT ARE LISTED ON THE US TSCA CHEMICAL SUBSTANCES INVENTORY AND THE CANADIAN DOMESTIC SUBSTANCES LIST.

SECTION 15 - OTHER INFORMATION

THE INFORMATION HEREIN HAS BEEN COMPLIED FROM SOURCES BELIEVED TO BE RELIABLE AND IS ACCURATE TO THE BEST OF OUR KNOWLEDGE. HOWEVER, U-COAT-IT CANNOT GIVE ANY GUARANTEES REGARDING INFORMATIONS FROM OTHER SOUCES, AND EXPRESSLY DOES NOT MAKE GUARANTEES REGARDING INFORMATION FROM OTHER SOURCES AND EXPRESSLY DOES NOT MAKE ANY WARRANTIES, NOR ASSUMES ANY LIABILITY, FOR IT'S USE.

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