

Assistance or technical support call 1-800-UCoat-It (800-826-2848)

or visit our online technical guide at

www.UCoatlt.com

For first time users of the UClad-LV system:

If this is your initial purchase of the UClad-LV system, please set the contents of the UClad-LV kit aside and begin with the box/bucket labeled "UPrime Kit" in the base color you chose. All UCoat It floors begin with a bond coat of UPrime primer coat.



WATER-BASED PRIMER

BEFORE YOU BEGIN

	What is Included in the UPrime Kit?						3
	Tips for Planning Your Project						4
	Items to Consider Before You Begin						4
	Preparing Your Floor						5
	Special Preparation Procedures						6
MIXING	S AND APPLICATION INSTRUCTIONS						
	The UPrime Primer Coat					7-	8



Self-Leveling, High-Build Epoxy for UCoat Epoxy Floors

BEFORE YOU BEGIN

What is Included in the UClad-LV Kit? Product Description	
UClad-LV Application Instructions Applying during initial UCoat epoxy floor coating application	.11-12
MATERIAL SAFETY DATA SHEETS (MSDS)	
UPrime Part A (Activator)	14-16
UPrime Part B (Base/Color)	
UClad-LV Fact Sheet	21
UClad-LV Part A	22-23
UClad-LV Part B	24-25

For technical support, call (800) 826-2848 Monday-Friday: 9:00am-6:30pm 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.UCoatlt.com

REVISED 12/2012

UClad-LV Kit provides the materials, tools, and disposable utensils generally required to finish up to a 24' x 24' area — the equivalent of two coats over 576 sq.ft. As with all coatings, coverage is dependent on the condition and porosity of the substrate (concrete, wood, etc.) as well as color used.

If your area is larger than 576 sq. ft. or appears that it will require additional material, extender packs are available. It is always better to have extra materials on hand to ensure the proper completion of a job. Call UCoat It at 1-800-826-2848 to speak with a customer service representative for help determining the amount of material required for your area.

Reviewing Your Materials

For the UClad-LV system, UPrime is applied as a bond coat only.



UCoat Epoxy Bond Coat (1st Coat)

Please note UPrime cans are not filled to entirety: UPrime Part A (0.20 gal) and UPrime Part B (0.80 gal). If you have a larger area and have purchased multiple packages of UPrime, do not mix more than one gallon of material at a time. When mixing smaller amounts always maintain the proper mix ratio of one (1) part UPrime Part A to four (4) parts UPrime Part B.

MIXING UCOAT IT MATERIALS: When mixing UCoat It floor coating materials in smaller or partial quantities, consult the product fact sheet for proper mix ratios. It is important that the proper ratios are kept when mixing smaller batches to assure optimum performance and hardening of the coating. NOTE: Do not mix up more material than you intend to apply within the allotted pot life of that product. Once mixed, unused product will harden and become unworkable after the pot life has expired.

Planning Your Project

- 1. Before you begin, open all your UCoat It packages and review the contents of your purchase. Familiarize yourself with the mixing and application process. Identify and separate your coating materials according to application and store in an convenient place.
- 2. If planning on coating sections of the area at different times, we recommend doing the back half (or least accessible area) first, or you might divide the application following a natural seam in the floor (such as a saw-cut or troweled expansion joints). If no natural seams are present, use a professional quality painter's tape to mask areas. UCoat It coating materials can be easily split-up and mixed in smaller quantities to provide only the material needed to coat a specific area, eliminating waste.
- 3. Consider the weather and temperature extremes. Air or room temperatures between 50°-90°F (10°C-32°C). are an ideal range. Colder temperatures will delay the drying time of your coating. Warmer temperatures will hasten the drying time of your coating as well as shorten pot life. All published dry/cure times are based on 68°F (20°C). Humidity, like colder temperatures, will lengthen curing times. At higher levels, however, catalyzation (pot life) and curing times will be accelerated. Also, it is important not to coat your floor if rain is forecast within 8-12 hours after application.
- 4. Always take special care when replacing items after the coating has been applied. Coatings that are freshly applied are softer than fully cured coatings. Damage may result from dragging and scuffing. Using UClad-LV as a top coat floors can be ready for light foot traffic in as little as 4 hours (12 hours for vehicles). Full cure may take up to 2-3 days.

Items to Consider Before Starting

As you prepare to coat your floor, please go through this checklist to ensure none of the following conditions apply.

- Temperature Extremes The ideal temperature range when working with UPrime and UClad-LV is 50°F-90°F (10°C-32°C). Warmer temperatures can shorten pot life. Cooler temperatures will require longer cure times. We do not recommend applying UPrime or UClad-LV when the temperature remains under 40°F (10°C) for full 24 hour periods or longer unless area is heated.
- "High Humidity Humidity can greatly affect the outcome of your floor and must remain within acceptable limits during application and curing. Relative humidity of less than 75% is ideal. As humidity increases, so also does the chance of shortened pot life, blushing or dulling of the finish, and lengthened cure times. Darker colors are more susceptible to these effects. It is highly recommended to coat your floor when relative humidity is expected to be below 75%. Do not coat the floor if rain is in the forecast within 8-12 hours after application.
- Rough, pitted or spalled concrete surfaces can be the first indication that the cement is soft. Soft or chalky concrete is not an ideal substrate for UCoat It systems and must be properly prepared prior to coating. Soft concrete must be stone ground before coating. This will help smooth out the surface while removing the soft fines (particles) from the surface. Once prepared, UCoat It systems can help stabilize and reinforce soft concrete surfaces making them harder and less easily damaged.
- Soft Concrete To determine if your concrete is soft, check it with a standard, flat-bladed screwdriver. Using the screwdriver, apply pressure and try to 'dig' at the surface. If the floor flakes, scratches, loosens or otherwise appears dusty, do NOT coat the floor until this issue is resolved. This can usually be accomplished by grinding the surface of the concrete with an EDCO® surface grinder available for use at most rental yards.
- "Silicone (Tire Dressings) If you have used, or suspect anyone has used a silicone sealer or tire dressing including silicone on or over your concrete, it is recommended to remove the top layer of concrete with an EDCO grinder prior to finishing with UCoat It products.



Tips for using an EDCO® grinder: We suggest an EDCO grinder with carbide stones. Wet the floor prior to grinding the surface to lessen the amount of dust in the air. After each use of the grinder, perform a water test to determine if the surface has been adequately prepared. If water continues to bead or film, regrind and test again. After the floor has been adequately ground, immediately rinse the entire floor to remove any residue or concrete debris from your floor. Any concrete dust left to settle back on the surface will act like soft/chalky concrete preventing UCoat from achieving permanent adhesion. After grinding, continue with the bare concrete preparation including soap and water wash, water test and acid wash. This procedure will resurface the substrate down to a suitable surface for coating. Please note, this procedure will make your floor more porous and therefore may require additional UCoat It materials for adequate coverage.

EDCO is a registered trademark of EDCO Inc.

Getting Ready to UCoat It

Good floor preparation is essential and will ensure that your UCoat It floor will look great and last for years. You will need the following items to prepare your floor:

- ★ 4 Quarts of UPrep-CLC (sold separately) or 1 gallon of Muriatic Acid for every 500-600 sq.ft.
- ★ Stiff-bristled broom
- ★ Standard threaded broom handle or paint roller extension pole
- ★ 1 roll of high quality masking tape
- ★ Garden hose with a spray nozzle

These items may be purchased at most local hardware stores.

IMPORTANT NOTE REGARDING ACID WASH — The muriatic acid solution is used to neutralize the alkalinity of the concrete, lowering the pH levels helping ensure the UPrime acquires proper adhesion to the substrate. The acid wash is required of all uncoated concrete floors, new or old:

- ★ Use only the recommended amounts / mix ratios from this manual.
- ★ Do NOT use a commercially available combination acid etcher/degreaser.
- ★ The acid wash must be applied and rinsed thoroughly *just* prior to the UPrime application.
- ★ The acid wash is NOT used to clean the substrate. Cleaning is done prior to the acid wash using a good quality degreaser or detergent.

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. Pretreat 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. Using the warranty card at the back of this book as a guide, carefully examine the floor and check off any conditions that may apply. 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 It® 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. Oven cleaner may be used in heavily oil-stained areas. Scrub the area with a stiff bristled broom to agitate the stain. Rinse the area and inspect again. Discoloration is generally not a problem, 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 UPrime. Fill your empty UCoat It bucket ¾ full of fresh water and add ½ 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.
- 6. Final preparation includes masking off walls, door thresholds, drain plates or any other permanent fixtures.

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.

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 the UPrime 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. We recommend removal of any existing coating to ensure optimal bonding with the substrate, however previous coatings that show no signs of failure can be coated over.

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. Proceed with UPrime application.

Previously Coated Concrete (flaking, peeling, or worn through)

If previous coatings are not adhering, are loose, or the bonding integrity to the cement is in doubt, remove the coatings from the cement by power washing, mechanically sanding, grinding, or chemically stripping. Most existing coatings can be removed with a heavy-duty epoxy/urethane paint stripper available as a semi-paste. Apply the stripper to an area and cover with a plastic sheet for 1 to 2 hours. This helps keep the stripper effective for a longer period of time. Remove the old coating by scraping down to the concrete. Clean and rinse any remaining residues with a quality degreaser. Optional methods exist to remove coatings and sealers. Abrasive sanding or grinding, as well as chemically cleaning, may also be effective. Once the previous coating has been completely removed, proceed with the standard UPrime preparation and application procedures.

Large Cracks or Concrete Gaps

Most concrete floors have joints and seams which allow for movement and expansion. UCoat It systems will not bridge or fill these voids. If these are to be filled, the use of **UPatch®** or **UFill™** is recommended. For best results, apply the UPrime coat first, before filling any cracks. Proceed with the UCoat finish coat application when the filler materials have cured according to their respective instructions. Call 1-800-826-2848 or visit www.UCoatlt.com for more information regarding **UPatch®** epoxy floor patch or **UFill™** elastomeric urethane crack filler.

Rough or Irregular Surfaces

Imperfections in finishing and pouring techniques may leave areas of the floor rough. The UClad-LV system 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 UPrime.

New/Fresh Concrete

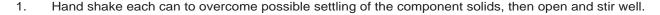
Freshly poured concrete should be allowed to cure for 30 days. Do not apply any sealers or curing agents to the floor. Hand-troweled smooth, bare untreated concrete is ideal. After 30 days proceed with normal UPrime preparation and application instructions, including acid wash.

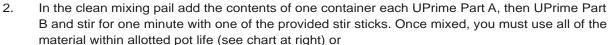
The UPrime Coat (1st coat)

The UPrime is a water-based primer that is applied to a damp, wet concrete surface. The primer is inteded to completely seal the surface, with a thin even coat.

To apply the UPrime coat you will need the following items:

- ★ UCoat It mixing bucket (clean and dry)
- ★ Garden hose with spray nozzle
- ★ One quart can (0.20 gal) of UPrime Part A Activator
- ★ One gallon can (0.80 gal) of UPrime Part B Base (in the color you chose)
- **★** One container of UTex[™] aluminum oxide anti-slip additive
- ★ Mixing paddle/stir stick
- ★ One 2" trim brush
- ★ One 9" roller handle with new ½" nap cover (extension handle recommended)





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.

3.	Weather conditions may require you to re-dampen the
	floor area before you begin or as you progress through
	the bond coat application. Remember, it is important
	that the UPrime primer be applied to a damp floor to
	properly penetrate deep into the concrete surface.

	properly periodiate deep into the confercte surface.		Working times shown in minutes
4.	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 trir	n ahead of you as y	ou begin to roll out the
	floor. Keep a wet edge.		

- 5. Attach the 9" roller handle with cover to your threaded extension pole so that you may easily apply mixed UPrime 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 a thin even coat, spreading it over the floor in an "M" & "W" pattern.
- 6. Allow for 4-6 hours for the UPrime primer coat to dry before applying the UClad-LV top coat. For proper bonding, do not wait longer than 48 hours to apply he next coat.



Pot Life

52%

60

55

45

20

Temperature

70°F

80°F

90°F

100°F



Rel. Humidity

80%

35

30

20

90%

20

5

70%

50

45

10

Application Tips

General Tips: DO NOT thin UPrime. You may choose to mix smaller quantities of material: simply follow the 1:4 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 $\frac{1}{4}$ " of UPrime Part A and add 1" of UPrime Part B for a total of $\frac{1}{4}$ " of product).

For Step 1 — If you purchased your kit more than 6 months prior to using it, you may need to have the materials (individual cans) mechanically shaken.

APPLICATION NOTE: View our web site for additional details and technical information.

For first time users of the UClad-LV system:

If this is your initial purchase of the UClad-LV system, please set the contents of the UClad-LV kit aside and begin with the box/bucket labeled "UPrime".

Your UClad-LV Kit

Please take a moment to familiarize yourself with the contents of your UClad-LV Kit. This kit has been assembled in our plant to deliver to you the finest floor coating materials and enable you to achieve the best results with the right tools for the job.



The following items are included in every UClad-LV Kit:

2	Two, Five gallon (5 gal) shipping/mixing pails	
1	Two Gallon Bucket (2 gal) UClad-LV Part A	
1	One Gallon Bucket (1 gal) UClad-LV Part B	
1	Power Mixer	
1	3/8" nap x 9" wide roller cover	
1	9" wide roller frame	
1	12" graduated stir stick	
1	Pair safety glasses	
1	Pair disposable latex gloves	
1	Drop cloth/Clean-up bag	
1	UClad-LV Installation Guide (this document)	

The UClad-LV Kit provides the materials, tools, and disposable utensils required to apply the UClad-LV material. UClad-LV kits and double packs will cover up to 600 sq.ft. (8-12 mils thickness) and UClad-LV single packs will cover up to 300 sq.ft. (8-12 mils thickness). As with all coatings, coverage is dependent on the condition, repairs being made, and porosity of the substrate (concrete, wood, etc.).

If your area appears that it will require additional UClad-LV material, extender packs are available. It is always better to have extra materials on hand to ensure the proper completion of a job. Call UCoat It at 1-800-826-2848 to speak with a customer service representative for help determining the amount of material required for your area.

Product Description

UClad-LV is a two-component 100% solids epoxy resin colored coating ideal for areas where a high build colorfast, impact resistant floor is desired. This self-leveling product can be used in both interior areas, as well as exterior areas if top coated with UGloss-AF, UGloss or UGlaze.

Limitations:

- ★ Color stability may be affected by environmental conditions such as high humidity or chemical exposure.
- ★ This product is not UV stable, but has very good resistance to color change for an epoxy product. Therefore, top coating with UGloss, UGloss-AF or UGlaze is recommended for exterior applications.
- ★ This product must be applied using the UPrime as a primer. UClad-LV may not be applied to bare concrete or wood.
- ★ Colors vary from batch to batch. Use product from the same batch to ensure consistent color on your floor.

Shelf Life:

Store product in a dry place between 60°F and 90°F. Keep from freezing. Shelf life of unmixed products is 12 months.

Items to consider before application...

- Appropriate footwear is extremely important to avoid leaving marks or dirt in the coating. Clean, dry golf spikes are recommended for best results.
- Temperature and humidity must remain within the recommended ranges (60-90°F, relative humidity <85%) during application and flash cure (approx. 2 hours).

UClad-LV Mixing & Application Instructions:

- 1. Product should be at normal room temperature (60°F 90°F) before using.
- 2. UClad-LV cans are pre-measured and should be mixed in their entirety. Pour entire contents of one bucket (2 gal) UClad-LV Part A then one bucket (1 gal) UClad –LV Part B into the mixing pail provided and stir for one minute. Use the stir stick provided to scrape the inside walls of the pail while mixing to ensure all material is thoroughly inter¬mixed. If using smaller quantities, be sure to maintain the proper ratio of 2 : 1 (two parts UClad –LV Part A to one part UClad-LV Part B).
- 3. Transfer the mixed material to a second fresh, clean and dry pail for application. Do not invert bucket

to drain entire contents as some unmixed material may remain on the inside edge of mixing pail. UClad-LV is applied by pouring the mixed material (from the second bucket) onto the floor and using a squeegee to evenly distribute the material to the proper thickness. UClad-LV should then be back rolled with a 3/8" nap roller until smooth.

- 4. Pot life of the product is 20-30 minutes after mixing components.
- 5. If applying multiple coats, be sure that the previous coat(s) have flashed cured and are dry to the touch. Press the coating with your thumb to test it and verify no fingerprint is left. If no impression appears, you may proceed with re-coating. Always remember that colder temperatures will lengthen curing times.
- 6. Cleanup: Use soap and water. Use solvent only if necessary.
- 7. Floor maintenance: Always test any floor cleaning products on an inconspicuous area to make sure they do not affect the UClad surface. We recommend UClean for regular floor care.
- 8. Use of the floor should be restricted to light traffic and non-harsh chemicals, and it is recommended that the floor remain dry until fully cured.



UPrime® Part A

SECTION 1 - PRODUCT AND MANUFACTURER IDENTIFICATION

Manufacturer's Name: UCoat It America, LLC. Emergency Phone: Chemtrec - 1(800) 424-9300

Address: 1797 Atlantic Blvd., Auburn Hills, MI 48326 Information Phone: 248-545-4055

Date Revised: 08-14-14 **Fax:** 248-393-4300

SECTION 2 - COMPOSITION / INFORMATION ON INGREDIENTS

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 the standard. All components of this product are included in the epa toxic substance control act (tsca) chemical substance inventory.

Ingredient **CAS Number OSHA PEL ACGIH TLV OSHA STEL** Weight Percent Bisphenol a epoxy resin 025085-99-8 <85% none none none C12-c14-alklglycidyl ether 68609-97-2 <20% none none none

California Proposition 65 Ingredient

None

Section 313 Supplier Notes:

This product contains the following toxic chemiclas subject to the reporting requirements of section 313 of the emergency planning and community right to know act of 1986 (40 cfr 372)

None

SECTION 3 - HAZARDOUS IDENTIFICATION

Hmis hazard rating number: 3

Primary route of entry: eye and skin contact, breathing and ingestion.

Potential health effects

Eyes: Product may cause irritation to the eyes and may cause temporary corneal clouding.

Skin: Prolonged or repeated exposure may cause skin irritation and redness. Skin sensitization or allergic reaction may occur in some individuals.

Ingestion: Not expected to be a relevant route of exposure although it may cause nausea, vomiting, diarrhea, headache, and drowsiness. Can result in serious damage to the mouth and stomach.

Inhalation: Vapors /mist may result in dizziness and headaches

SECTION 4 - 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 persist seek medical attention. Wash contaminated clothing before reuse.

Ingestion: Do not induce vomiting, get immediate medical attention, f 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 attention.

SECTION 5 - FIRE AND EXPLOSION HAZARD DATA

Flammable Limits in Air by Volume: Lower: N/A Upper: N/A

Flash point: 200f

Method Used: Pensky Martin c.c

Extinguishing Media: for small fires, use water spray, foam, co2 or dry chemical. For large fires use ater spray or fog.

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.

SECTION 6 - RELEASE MEASURES

Steps to be taken in case material is released or spilled: Avoid contact with skin or eyes. Ventilate area, and eliminate all sources of ignition. Wear appropriate protective gear, contain leak or spill, salvage, clean up residue with absorbent material

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

SECTION 7 - HANDLING AND STORAGE

Average shelf life: refer to product data sheet

Special instructions: store in a cool dry place, keep from freezing

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory protection: Use a niosh approved respirator as required to prevent over exposure to vapor in accordance with 29 cfr 1910.134. General exhaust is usually sufficient in lieu of niosh respirator

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.

Protective gloves: Impervious gloves - neoprene or rubber

Eye protection: Splash goggles or glasses with side shields. Do not wear contact lenses.

Other protective clothing or equipment: Wear body covering clothing and other coverings as necessary such as apron and appropriate footwear to avoid contact with material.

Work hygienic practices: Observe good general hygienic practices.

SECTION 9 - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Range: 395.6°F Vapor Density: > Air

Solubility in Water: Negligible Appearance and Odor: Clear Liquid

Specific Gravity @20c: 1.087 Evaporation Rate: Less than ether

Percent Volatile: 25 g/l pt. B (pt. A + pt B = 25 g/l) **Freezing Point:** n/d

Vapor Pressure @ 20c: n/d Water/Oil distribution Coefficient: n/a

Odor Threshold: n/a ph: >7

Odor: Mild Epoxy

SECTION 10 - STABILITY AND REACTIVITY DATA

Hmis hazard rating number: 1

Stability: stable

Incompatibility (material to avoid): strong acids, bases, amines and oxidizing agents.

Hazardous decomposition or by-products: oxides of carbon; and phenolics in fire; decomposition and combustion products may be toxic.

Conditions to avoid (stability): excess heating above 60c over long periods degrades resin. Strong acids in bulk. Moisture as compound is hygroscpic.

SECTION 11 - TOXICOLOGICAL INFORMATION

Hmis hazard rating number: 3

Primary route of entry: eye and skin contact, breathing and ingestion.

Effects of over exposure

Inhalation: vapors/mist may result in dizziness, and headache.

Eyes: product may cause irritation to the eyes and may cause temporary corneal clouding.

Skin contact: causes irritation redness and defatting.

Ingestion: not expected to be relevant route of exposure although it may cause permanent damage to the mouth throat and stomach.

SECTION 12 - ECOLOGICAL INFORMATION

Marine pollutant: material is highly toxic to aquatic organisms on an acute basis. Bioconcentration potential is low. Biograduation under aerobic static lab conditions is below detectable limits.

SECTION 13 - WASTE DISPOSAL

Waste disposal method: Dispose of the material in a waste disposal site in accordance with local, state, and federal law.

SECTION 14 - ECOLOGICAL INFORMATION

Dot shipping inforamtion:

Dot proper shipping name not regulated

Dot hazard class

Dot id number label(s)

SECTION 15 - ECOLOGICAL INFORMATION

Osha hazard communication standard (29 cfr 1910.1200): hazardous

Cercla/super fund (40 cfr 117,302): immediate health hazard

Sara extremely hazardous substances (40 cfr 355): n/a

Sara hazard categories (40 cfr 370) health: immediate / physical: fire

Sara toxic chemicals (40 cfr 372): none

Inventory status: the chemicals in this product are listed on the us tsca chemical substance inventory and the canadian domestic substances list.

SECTION 16 - ECOLOGICAL INFORMATION

Disclaimer: the information contained herein is based on the data available and is believed to be accurate, however, the manufacturer makes no warranty expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. Accordingly, we assume no responsibility for injury from the use of this product.





HMIS Codes: H F R P 1 1 0 H

SECTION 1 - PRODUCT AND MANUFACTURER IDENTIFICATION

Manufacturer's Name: UCoat It America, LLC. Emergency Phone: Chemtrec - 1(800) 424-9300

Address: 1797 Atlantic Blvd., Auburn Hills, MI 48326 Information Phone: 248-545-4055

Date Revised: 08-14-14 **Fax:** 248-393-4300

SECTION 2 - COMPOSITION / INFORMATION ON INGREDIENTS

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 the standard. All components of this product are included in the epa toxic substance control act (tsca) chemical substance inventory.

Ingredient	CAS Number	OSHA PEL	ACGIH TLV	OSHA STEL	Weight Percent
Modified polyamine polymer	proprietary	15mg/m3	10mg/m3	n/a	<45%
Polyamine polymer	proprietary	15mg/m3	10mg/m3	n/a	<45%
N-methylpyrrolidone	872-50-4	100ppm	100ppm	n/a	<5%
California Brancaitian CE Insuradiant					

California Proposition 65 Ingredient

N-methylpyrrolidone 872-50-4 <5%

Section 313 Supplier Notes:

This product contains the following toxic chemiclas subject to the reporting requirements of section 313 of the emergency planning and community right to know act of 1986 (40 cfr 372)

None

SECTION 3 - HAZARDOUS IDENTIFICATION

Potential Health Effects: 212°F

Eyes: Product may cause severe irritation to the eyes.

Skin: Prolonged or repeated exposure may cause skin irritation and redness. Skin sensitization or allergic reaction may occur in some individuals as well as defatting and drying.

Ingestion: Not expected to be a relevant route of exposure although it may cause nausea, vomiting, diarrhea, headache, and drowsiness. Can result in serious damage to the mouth and stomach.

Inhalation: Vapors are irritating to the nose and mucous membranes. High exposures mat result in narcotic effects and headaches.

SECTION 4 - 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 persist seek medical attention. Wash contaminated clothing before reuse.

Ingestion: Do not induce vomiting, get immediate medical attention, f 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 attention.

SECTION 5 - FIRE AND EXPLOSION HAZARD DATA

Flammable Limits in Air by Volume: Lower: N/A Upper: N/A

Flash point: n/d

Method Used: Pensky Martin c.c

Extinguishing Media: Foam, Water Fog, CO2, 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:

SECTION 6 - RELEASE MEASURES

Steps to be taken in case material is released or spilled: Avoid contact with skin or eyes. Ventilate area, and eliminate all sources of ignition. Wear appropriate protective gear, contain leak or spill, salvage, clean up residue with absorbent material

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

SECTION 7 - HANDLING AND STORAGE

Average shelf life: refer to product data sheet

Special instructions: store in a cool dry place, keep from freezing

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory protection: Use a niosh approved respirator as required to prevent over exposure to vapor in accordance with 29 cfr 1910.134. General exhaust is usually sufficient in lieu of niosh respirator

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.

Protective gloves: Impervious gloves - neoprene or rubber

Eye protection: Splash goggles or glasses with side shields. Do not wear contact lenses.

Other protective clothing or equipment: Wear body covering clothing and other coverings as necessary such as apron and appropriate footwear to avoid contact with material.

Work hygienic practices: Observe good general hygienic practices.

SECTION 9 - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Range: 212°F Vapor Density: > Air

Solubility in Water: Yes Appearance and Odor: Amber Clear Liquid

Specific Gravity @20c : 1.033 Evaporation Rate: Less than ether

Percent Volatile: 75 g/l pt. B (pt. A + pt B = 25 g/l) **Freezing Point:** n/d

Vapor Pressure @ 20c: n/d Water/Oil distribution Coefficient: n/a

Odor Threshold: n/a ph: >7

Odor: Ammoniacal

SECTION 10 - STABILITY AND REACTIVITY DATA

HMIS Hazard Rating Number: 0

Stability: Stable

Conditions to Avoid (Stability): n/a

Incompatibility (materials to avoid): Oxidizing agents

Hazardous decomposition or byproducts: Oxides of carbon and nitrogen; decomposition and combustion products may be toxic

SECTION 11 - TOXICOLOGICAL INFORMATION

Hmis hazard rating number: 1

Primary route of entry: eye and skin contact, breathing and ingestion.

Effects of over exposure

Inhalation: causes narcotic effects and head aches with over exposure.

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 12 - ECOLOGICAL INFORMATION

Marine pollutant: not listed

SECTION 13 - WASTE DISPOSAL

Waste disposal method: Dispose of the material in a waste disposal site in accordance with local, state, and federal law.

SECTION 14 - ECOLOGICAL INFORMATION

Dot shipping inforamtion:

Dot proper shipping name not regulated

Dot hazard class

Dot id number label(s)

SECTION 15 - ECOLOGICAL INFORMATION

Osha hazard communication standard (29 cfr 1910.1200): Hazardous

Cercla/super fund (40 cfr 117,302): immediate health hazard

Sara extremely hazardous substances (40 cfr 355): n/a

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 substance inventory and the canadian domestic substances list.

SECTION 16 - ECOLOGICAL INFORMATION

Disclaimer: the information contained herein is based on the data available and is believed to be accurate, however, the manufacturer makes no warranty expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. Accordingly, we assume no responsibility for injury from the use of this product.





UCIACI-LV®SELF-LEVELING, HIGH-BUILD, EPOXY FLOOR COATING

UClad-LV Fact Sheet

UClad-LV is a two component epoxy resin, containing no solvents. UClad-LV is designed for use in both interior and exterior (if top coated with UGloss, UGloss-AF or UGlaze) applications. UClad-LV is recommended for several basic applications:

- As a base resin used as a coating, to encapsulate wear resistance aggregates and as a lock coat.
- As an overlay with aggregate, to provide traction and wear resistance to concrete floors. Filled with UTex, URock, sand or other suitable wear resistant filler.

Physical Properties

Solids by Volume: Mixed=53% (± 2%)

Volatile Organic Content: Less than 3.8 pounds per gallon

Recommended Film Thickness: 8-12 mils per coat wet thickness

Coverage per Gallon: 385 square feet @ 3-5 mils wet

Mix Ratio: 2 parts Part B to 1 part Part A by volume

Packaging Information: This product is available in 3 gallon kits as

well as 3 and 1.5 gallon material only packs

Shelf Life: 1 year

Finish Characteristics: High gloss

(80-100 at 60°@Erichsen glossmeter)

Abrasion Resistance: Taber abrasor CS-17 calibrase wheel with 1000

gram total load and 500 cycles=0.08g loss

Impact Resistance: Gardner impact=160 in. lb. (passed)

(direct and reverse)

Hardness: Shore D =70-80

Flexibility: No cracks on a 1/8 in. mandrel

Adhesion: 360 psi@elcometer

(concrete failure, no delamination)

Cure Schedule: (70°F)

Pot life	35-50 minutes
Light foot traffic	4-8 hrs
Full cure (heavy traffic)	2-3 davs

Application Temperature: 50-90° F

Viscosity: Mixed=4000-6000 cps

Chemical Resistance:

Reagent	Rating
acetic acid 5%	C
xylene	E
mek	B
methyl alcohol	B
gasoline	D
10% sodium hydroxide	E
50% sodium hydroxide	D
10% sulfuric acid	D
10% hydrochloric acid	D
20% nitric acid	C
ethylene glycol	D

Rating key:

A – not recommended, B – 2hr term splash spill, C – 8 hr term splash spill, D – 72 hr immersion, E – long term immersion. NOTE – extensive chemical information is available through your sales representative.

Primer: Any UCoat Standard finish can be coated.

DOT Classification:

Part 1 "Flammable Liquid N.O.S., 3, UN1993, PGIII" Part 2 "Flammable Liquid N.O.S., 3, UN1993, PGIII"

DISCLAIMER: The information contained herein relates only to the specific material identified. UCoat It America, LLC ("UCoat It") believes that such information is accurate and reliable as of the date of this MSDS sheet, but no representation, guarantee or warranty, expressed or implied, is made as to the accuracy, reliability, or completeness of the information. UCoat It urges persons receiving this information to make their own determination as to the information's suitability and completeness to their particular application. UCoat It assumes no responsibilities for injury from the use of this product. It is the buyer's / users responsibility to ensure that all activities comply with the appropriate federal, state, and local laws.



UClad-LV® Part A SELF-LEVELING, HIGH-BUILD, EPOXY FLOOR COATING

HMIS Codes: Н 0

Section 1 - Manufacturer Identification

Manufacturer's Name: UCoat It America, LLC.

Address: 1797 Atlantic Blvd., Auburn Hills, MI 48326 Date Revised: 09-1-11

Emergency Phone: Chemtrec - 1(800) 424-9300

Information Phone: 1(800) 826-2848 Name of Preparer: UCoat It America, LLC.

Section 2 - Hazardous Ingredients/SARA III

	Occupational Exposure Limits					
Hazardous Components	CAS Number	OSHA TLV	OSHA STEL	PEL	Content	
Bis A Epoxy Resin	25068-38-6	N/E	N/E	N/E	0-80%	
Magnesium silcate	14807-96-6	N/E	N/E	N/E	0-20%	
Glycidyl Diluent	2461-15-6	N/E	N/E	N/E	0-20%	
Epicholorohydrin and Bis A reaction products	025085-99-8	N/E	N/E	N/E	0-5%	
Cresyl glycidyl ether	002210-79-9	N/E	N/E	N/E	0-2%	
Iron Oxide	1309-37-1	N/E	N/E	N/E	0-10%	
Titanium Dioxide	013463-67-7	10mg/m3	N/E	10mg/m3	0-10%	
Carbon Black	001333-86-4	3.5 mg/m3	N/E	3.5mg/m3	0-10%	

N/E= Not Established

California Proposition 65 Ingredients

Phenyl glycidyl ether 122-60-1 Cresyl glycidal ether 002210-79-9

<2.0%

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

Water/Oil Distribution

Evaporation Rate: N/A

Solubility in Water: Negligible

Specific Gravity @20c: 10.9 lbs/gal

Coefficient: N/A

ph: N/A

Odor: Slight

Right to Know Act of 1986 (40CFR372)

Cresyl glycidal ether 002210-79-9 <2.0%

Section 3 - Physical/Chemical Characteristics

Boiling Range: ND

Volatile Organic Content: 113g/I Part A only (VOC)

USA EPA method 24: 139g/I Part A and Part B

Freezing Point: (c): N/A

Vapor Pressure @20c: N/A

Vapor Density: > Air

Odor Threshold: N/A

Appearance and Odor: Pigmented Liquid

N/A = Not Available N/D = Not Determined Ca. = Approximate

Section 4 - Fire and Explosion Hazard Data

Flammable Limits in Air by Volume: Lower: N/A Upper: N/A

Flash point: 93°c (200°F)

Method Used: Pensky Martin C.C.

Extinguishing Media: Spray water, Foam, Alcohol Foam, CO2, Dry Chemical

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

Section 5 - Reactivity Data

HMIS Hazard Rating No. 0

Stability: Stable

Conditions to Avoid: Strong acids in bulk

Incompatibility (materials to avoid): Oxides of carbon; aldehydes and acids. Decomposition and combustion products may be toxic. **Hazardous decomposition or byproducts:** May form toxic chemicals, carbon dioxide, carbon monoxide, oxides of nitrogen, HCN and HDI

Section 6 - Health Hazard Data

Inhalation health risks and symptoms of exposure: Vapors from product may cause irritation to the nose, throat and respiratory tract.

Skin and eye contact health risks and symptoms of exposure: Skin: Product may cause irritation, redness and discomfort which is transient. Eyes: Product may cause severe irritation to the eyes.

Skin absorption health risks and symptoms of exposure: Can cause reddening, swelling, rash, scaling, or blistering. Overexposure may cause sensitization resulting in reaction to contact of small amounts.

Ingestion health risks and symptoms of exposure: Not expected to be a relevant route of exposure. Product may be slightly toxic if ingested. Can cause gastrointestinal irritation, nausea, vomiting, diarrhea. Aspiration of material into the lungs can cause chemical pneumonitis which can be fatal. Product can cause corrosive action to mucous membranes and digestive tracts.

Medical conditions generally aggravated by exposure: Respiratory conditions or other allergic response

Emergency and first aid procedures: EYES: Flush eyes with water for at least fifteen minutes and consult a physician. SKIN: For extreme exposure use a safety shower immediately, wash affected area with soap and water and remove contaminated clothing promptly. INHALATION: Remove victim to fresh air area and administer oxygen if necessary. Obtain medical assistance. Asthmatic type symptoms may occur immediately or be delayed for several hours. Treatment is symptomatic. INGESTION: Do not induce vomiting, keep person warm and consult a physician immediately. Give 1-2 cups of milk or water to drink.

Section 7 - Precautions for Safe Handling and Use

Steps to be taken in case material is released or spilled: Avoid contact with skin or eyes. Ventilate area, then eliminate all sources of ignition. Wear appropriate protective gear, contain leak or spill, salvage, clean up residue with absorbent material.

Waste disposal method: Handle disposal of material in a manner in accordance with local, state and federal laws.

Precautions to be taken in handling and storing: Store in cool dry place, seal all partially used containers, wash with soap and water before eating, drinking, smoking or using toilet facilities. Mixed materials contain hazards of all the components, therefore, read the MSDS's of all the components prior to using materials. Properly label all containers. Keep material away from all sources of ignition.

Other precautions: Avoid all skin contact, avoid breathing vapors generated from the material. Observe conditions of good general hygiene and safe working practices. Contaminated leather articles can not be cleaned and must be discarded if contaminated with this product. Wash all contaminated clothing prior to reuse. Wear appropriate safety equipment and respirator at all times when ventilation is not sufficient to control vapors. Observe OSHA regulations for respirator use (29CFR 1910.134). When spraying material avoid exposure to all mists generated by using air supplied respirator.

Section 8 - Control measures

Respiratory protection: Use a NIOSH approved respirator as required to prevent over exposure to vapor in accordance with 29 CFR 1910.134. Engineering or administrative measures should be taken to reduce the risk and exposure. Use a positive pressure supplied air respirator when exceeding TLV's or if HDI monomer concentrations exceed acceptable limits or when spraying material.

Ventilation: Exhaust ventilation sufficient to keep airborne concentrations of HDI below their TLV and MGL maximum. Refer to Patty's Industrial Hygiene and Toxicology - Volume 1 (3rd edition) Chapter 17 and Volume III (1st edition) Chapter 3 for details.

Protective gloves: Impervious - Neoprene or Rubber

Eye protection: Splash goggles or glasses with side shields. Do not wear contact lenses when using this product.

Other protective clothing or equipment: Wear body covering clothing and other coverings as necessary such as apron and appropriate footwear to avoid contact with material.

Work/hygienic practices: Observe good general hygienic practices.

DISCLAIMER: The information contained herein relates only to the specific material identified. UCoat It America, LLC (*UCoat It*) believes that such information is accurate and reliable as of the date of this MSDS sheet, but no representation, guarantee or warranty, expressed or implied, is made as to the accuracy, reliability, or completeness of the information. UCoat It urges persons receiving this information to make their own determination as to the information's suitability and completeness to their particular application. UCoat It assumes no responsibilities for injury from the use of this product. It is the buyer's / users responsibility to ensure that all activities comply with the appropriate federal, state, and local laws



UCIACI-LV® Part B SELF-LEVELING, HIGH-BUILD, EPOXY FLOOR COATING

HMIS Codes: H F R P

Section 1 - Manufacturer Identification

Manufacturer's Name: UCoat It America, LLC. Address: 1797 Atlantic Blvd., Auburn Hills, MI 48326

Date Revised: 09-1-11

Emergency Phone: Chemtrec - 1(800) 424-9300

Information Phone: 1(800) 826-2848 Name of Preparer: UCoat It America, LLC.

Section 2 - Hazardous Ingredients/SARA III

	Occupational Exposure Limits					
Hazardous Components	CAS Number	OSHA TLV	OSHA STEL	PEL	Content	
Proplene Glycol n-butyl ether	5131-66-8	N/A	N/A	N/A	1-5%	
Trithanolamine	102-71-6	5mg/m3	N/A	N/A	<10%	
Water	7732-18-5	N/A	N/A	N/A	>=1%	
Polyacrylate Resin	710313-77-2	N/A	N/A	N/A	>=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 - Physical/Chemical Characteristics

Boiling Range: 100

Percent Volatile: <10 g/L (VOC)

Freezing Point: (c): 0 Vapor Pressure @20c: N/D

Vapor Density: > Air

Odor Threshold: N/A

Appearance and Odor: Colorless White Liquid

• •

N/A = Not Available N/D = Not Determined Ca. = Approximate Water/Oil Distribution Coefficient: N/A

Solubility in Water: Yes Specific Gravity @20c: 1.09

ph: N/A

Evaporation Rate: Less than ether

Odor: Faint

Section 4 - Fire and Explosion Hazard Data

HMIS Hazard Rating No.1 Flash point: 93°c (200°F)

General Hazard: Decomposition and combustible products may be toxic.

Auto-Ignition Temp: N/A

Flammable Limits in Air by Volume: Lower: N/A Upper: N/A Extinguishing Media: Use water fog, carbon dioxide or Dry Chemical

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

Section 5 - Reactivity Data

HMIS Hazard Rating No. 0

Stability: Stable

Conditions to Avoid: See incompatibility section

Incompatibility (materials to avoid): Heat, flame and contact with strong oxidizing agents

Section 6 - Health Hazard Data

HMIS Hazard Rating No. 0

Primary Route of Entry: Eye and skin contact, breathing and ingestion

Skin contact: Prolonged or repeated exposure may cause skin irritation and redness. Skin sensitization or allergic reaction may occur in some individuals.

Eyes: Product may cause severe irritation to the eyes.

Inhalation: Inhalation is unlikely due to low vapor pressure. If misted or handled at elevated temperatures, high concentrations may cause respiratory tract irritation.

Ingestion: Not expected to be a relevant route of exposure although it may cause nausea, vomiting, diarrhea, headache and drowsiness. Can result in serious damage to the mouth and stomach.

Section 7 - Toxicity Information

HMIS Hazard Rating No. 0

Primary Route of Entry: Eye and skin contact, breathing and ingestion.

Effects of Overexposure

Inhalation health risks and symptoms of exposure: Cause narcotic effects and headaches with overexposure.

Eye and Skin contact: Contact can cause severe irritation and burns.

Ingestion health risks and symptoms of exposure: May cause permanent damage to the mouth, throat and stomach.

Emergency and first aid procedures: EYES: Flush eyes with water for at least fifteen minutes, lifting lower and upper eye lids throughout, and consult a physician. SKIN: Immediately remove contaminated clothing. Wash thoroughly with soap and water. If irritation persists seek medical attention. Wash contaminated clothes before reuse. INHALATION: Remove victim from exposure. If difficulty with breathing, administer oxygen and seek medical assistance. INGESTION: Do not induce vomiting, keep person warm and consult a physician immediately. If vomiting occurs spontaneously keep head below hips to prevent aspiration of liquids into lungs. Give one glass of water unless victim is drowsy, convulsing or unconscious.

Section 8 - Precautions for Safe Handling and Use

Steps to be taken in case material is released or spilled: Avoid contact with skin or eyes. Ventilate area, then eliminate all sources of ignition. Wear appropriate protective gear, contain leak or spill, salvage, clean up residue with absorbent material.

Waste disposal method: Handle disposal of material in a manner in accordance with local, state and federal laws.

Precautions to be taken in handling and storing: Store in cool dry place, seal all partially used containers, wash with soap and water before eating, drinking, smoking or using toilet facilities. Mixed materials contain hazards of all the components, therefore, read the MSDS's of all the components prior to using materials. Properly label all containers. Keep material away from all sources of ignition.

Other precautions: Avoid all skin contact, avoid breathing vapors generated from the material. Observe conditions of good general hygiene and safe working practices. Contaminated leather articles can not be cleaned and must be discarded if contaminated with this product. Wash all contaminated clothing prior to reuse. Wear appropriate safety equipment and respirator at all times when ventilation is not sufficient to control vapors. Observe OSHA regulations for respirator use (29CFR 1910.134). When spraying material avoid exposure to all mists generated by using air supplied respirator.

Section 9 - Control measures

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

Personal Protection Equipment: Do NOT wear contact lenses when working with this material. Use chemical goggle safety glasses with side shields and impervious gloves. Wear clothing with long sleeves and pants. In 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 ceilings or TWA, use NIOSH approved respirators for listed hazard. 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.

DISCLAIMER: The information contained herein relates only to the specific material identified. UCoat It America, LLC ("UCoat It") believes that such information is accurate and reliable as of the date of this MSDS sheet, but no representation, guarantee or warranty, expressed or implied, is made as to the accuracy, reliability, or completeness of the information. UCoat It urges persons receiving this information to make their own determination as to the information's suitability and completeness to their particular application. UCoat It assumes no responsibilities for injury from the use of this product. It is the buyer's / users responsibility to ensure that all activities comply with the appropriate federal, state, and local laws.







Customer Service and Technical Support

Our goal is to provide you with the proper floor coating materials, tools, and knowledge to apply a beautifully finished commercial grade floor coating by yourself.

UCoat It kits come complete with applicator tools, detailed instructions, and floor coating materials however, should you have any questions regarding our products or need technical assistance during your application please contact us using one of the options below:

Customer Service/Technical Hotline:

1-800-UCoat-It (800-826-2848) — USA & Canada (248) 922-6748 — Local (Southeast Michigan)

Hours: 9:00AM EST - 6:30PM EST, MON-FRI

24-Hour Technical Center (Online):

Visit www.UCoatlt.com — Live Help availability may vary.