

**UCoat<sup>®</sup> Part A**

water-based, hybrid epoxy floor coating

HMIS Codes: H 2\* F 1 R 0 P G

NCR 2020

## SECTION 1 - MANUFACTURER IDENTIFICATION

Manufacturer's Name: UCoat It America, LLC  
Address: 1797 Atlantic Blvd., Auburn Hills, MI 48326  
Date Revised: 08-25-09

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

Hazardous Components	CAS Number	Occupational Exposure Limits			Vapor Pressure mm Hg@ Temp	Weight Percent
		OSHA PEL	ACGIH TLV	OSHA STEL		
Modified Diglycidyl Ether of Bisphenol A	25068-38-6	None	None	None	1.0@356°F	
Alkyl Glycidyl Ether	68609-97-2	None	None	None	N/A	

\* No toxic chemical(s) subject to the reporting requirements of Section 313 of Title III and of 40 CFR 372 are present.

## SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Range: 200°F  
Soluble in Water: Negligible  
Specific Gravity (H<sub>2</sub>O=1): 1.1  
Vapor Density: N/A  
Appearance and Odor: Low-viscosity liquid-clear  
Evaporation Rate: N/A

## SECTION 4 - FIRE AND EXPLOSION HAZARD

Flash Point: 200°F  
Method Used: SETA Flash  
Flammable Limits in Air by Volume: Lower: N/A Upper: N/A  
Extinguishing Media: Foam, Alcohol Foam, CO<sub>2</sub>, Dry Chemical, Water Fog

Special Firefighting Procedures: Toxic fumes will be evolved when this material is involved in a fire. A self-contained breathing apparatus should be available for fire fighters. Cool fire-exposed containers with water.

Unusual Fire and Explosion Hazards: None Known

## SECTION 5 - REACTIVITY DATA

Stability: Stable  
Conditions to Avoid: Avoid contact with open flame and all sources of ignition and sparks.

Incompatibility (materials to avoid): Can react vigorously with strong oxidizing agents, Lewis acids and mineral acids.  
Hazardous Decomposition or Byproducts: O<sub>2</sub>, aldehydes, acids, reaction with some curing agents can generate large amounts of heat.  
Hazardous Polymerization: Will not occur

## SECTION 6 - HEALTH HAZARD DATA

Inhalation Health Risks and Symptoms of Exposure: No guide for control known, however, exposure to heated vapors can cause irritation to nose, throat, or mucous membranes.

Skin and Eye Contact Health Risks and Symptoms of Exposure: Skin: may cause irritation or allergic skin response. Eyes: may cause irritation but no corneal injury is likely.

Skin Absorption Health Risks and Symptoms of Exposure: Not likely to be absorbed in toxic amounts.

Ingestion Health Risks and Symptoms of Exposure: This material has a probable low acute oral toxicity.

Health Hazards: Epoxy resins can cause sensitization by exposure through contact of high concentrations of vapor. Eyes: injury is unlikely but strain for evidence of corneal injury.

Carcinogenicity: NTP? No  
No listed ingredients of this product are regulated as carcinogens.

ARC monograph? No

OSHA regulated? No

Medical Conditions Generally Aggravated by Exposure: Respiratory conditions or other allergic response

Emergency First Aid Procedures: EYES: Flush eyes with water for at least 15 minutes and consult a physician. SKIN: Skin contact will normally cause no more than irritation, but wash affected area with soap and water and remove contaminated clothing promptly. INHALATION: Remove victim to fresh air area and administer oxygen if necessary. INGESTION: Low in toxicity, induce vomiting only if large amounts of material are ingested, otherwise do not induce vomiting. In either case, immediately consult a physician.

**UCoat<sup>®</sup> Part A**

water-based, hybrid epoxy floor coating

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE**

**Steps to be taken in case material is released or spilled:** Avoid contact with material, wear appropriate safety equipment, stop spill at source, dyke area to prevent spreading. Pump liquid to salvage material. Take up remainder with clay or other absorbent and place in disposable containers.

**Waste Disposal Method:** Dispose of material in a waste disposal site in accordance with local, state and federal laws.

**Precautions To Be Taken in Handling and Storing:** Store in a 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 the materials. Properly label all containers.

**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 cannot be cleaned and must be discarded if contaminated with this product. Wash all contaminated clothing prior to reuse.

**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

**Ventilation:** Avoid breathing vapors, ventilation must be sufficient to control vapors.

**Protective Gloves:** Impervious — neoprene or rubber.

**Eye Protection:** Splash goggles or glasses with side shields.

**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.

Distributed by: UCoat It America, LLC 1797 Atlantic Blvd., Auburn Hills, MI 48326

REVISED 07/2012

**UCoat® Part B**

water-based, hybrid epoxy floor coating

HMIS Codes:

H  
2\*F  
1R  
0P  
G

NCB 2020

## SECTION 1 - MANUFACTURER IDENTIFICATION

**Manufacturer's Name:** UCoat It America, LLC  
**Address:** 1797 Atlantic Blvd., Auburn Hills, MI 48326  
**Date Revised:** 01-01-98

**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

Hazardous Components	CAS Number	Occupational Exposure Limits			Vapor Pressure mm Hg@ Temp	Weight Percent
		OSHA PEL	ACGIH TLV	OSHA STEL		
1,2 Ethane Diamine, N-(2 Amino Ethyl)	111-40-0	1 ppm	1 ppm	None	0.0 @ 68°F	
Tetraethylene Pentamine	112-15-3	None	None	None	N/A	
Ethylenediamine	107-15-3	10 ppm	10 ppm	10 ppm	10.7 @ 68°F	
Pentaethylene Hexamine	4067-16-7	None	None	None	N/A	
Water	7732-18-5	None	None	None	N/A	
Propylene Glycol Monomethyl Ether	107-98-2	100 ppm	100 ppm	150 ppm	10.9 @ 77°F	
Glacial Acetic Acid	64-19-7	10 ppm	10 ppm	None	11.0 @ 68°F	
Stoddard Solvent	8052-41-3	100 ppm	100 ppm	None	2.0 @ 68°F	
2-Ethyl-1-Hexanol	104-76-7	None	None	None	10.0 @ 68°F	
*Glycol Ether 2-Butoxyethanol	111-76-2	25 ppm	25 ppm	None	10.0 @ 97°F	0.5%
Pigment: Chemical identity is a trade secret		10 mg/m3	10 mg/m3	5 mg/m3	N/A	
Filler: Chemical identity is a trade secret		20mppcp	20mppcp	None	N/A	

\* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of Title III and of 40 CFR 372.  
Propylene Glycol Monomethyl Ether CAS # 107-98-2 (ACGIH) STEL = 150 ppm

Follow 311b (2) (A) 40 CFR 116, 117, Guidelines to follow TSCA 8 (a) 40 CFR 712, 47 FR 26992

## SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

**Boiling Range:** 212°F  
**Soluble in Water:** Emulsifiable  
**Specific Gravity (H<sub>2</sub>O=1):** 1.2  
**Vapor Density:** N/A  
**Appearance and Odor:** Low-viscosity liquid in varying colors  
**Evaporation Rate:** N/A

## SECTION 4 - FIRE AND EXPLOSION HAZARD

**Flash Point:** 200°F+  
**Method Used:** SETA Flash  
**Flammable Limits in Air by Volume:** Lower: N/A Upper: N/A  
**Extinguishing Media:** Foam, Alcohol Foam, CO<sub>2</sub>, Water Fog

**Special Firefighting Procedures:** Toxic fumes will be evolved when this material is involved in a fire. A self-contained breathing apparatus should be available for fire fighters. Cool fire-exposed containers with water.

**Unusual Fire and Explosion Hazards:** None Known

## SECTION 5 - REACTIVITY DATA

**Stability:** Stable  
**Conditions to Avoid:** Avoid contact with open flame and all sources of ignition and sparks.

**Incompatibility (materials to avoid):** Avoid contact with strong oxidizing agents, mineral acids and epoxy resins in uncontrolled amounts.  
**Hazardous Decomposition or Byproducts:** CO, CO<sub>2</sub>, NOX  
**Hazardous Polymerization:** Will not occur

## SECTION 6 - HEALTH HAZARD DATA

**Inhalation Health Risks and Symptoms of Exposure:** High concentrations of vapor can cause irritation to the respiratory tract, nausea, and dizziness.

**Skin and Eye Contact Health Risks and Symptoms of Exposure:** Irritation to the skin can occur, but dermal toxicity is low. This material can cause eye irritation or redness.

**Skin Absorption Health Risks and Symptoms of Exposure:** Not likely to be absorbed in toxic amounts.

**Ingestion Health Risks and Symptoms of Exposure:** Ingestion of material can cause nausea or other similar responses.

**Health Hazards:** Prolonged or repeated exposure may cause asthma and skin sensitization or other allergic responses.

**UCoat<sup>®</sup> Part B**

water-based, hybrid epoxy floor coating

**Carcinogenicity:** NTP? No

ARC monograph? No

OSHA regulated? No

No listed ingredients of this product are regulated as carcinogens.

**Medical Conditions Generally Aggravated by Exposure:** Respiratory conditions or other allergic response

**Emergency First Aid Procedures:** EYES: Flush eyes with water for at least 15 minutes and consult a physician. SKIN: Flush skin with water for at least 15 minutes and remove contaminated clothing promptly. Seek medical attention if reddening or swelling occurs. INHALATION: Remove victim to fresh air area and administer oxygen if necessary. INGESTION: Do not induce vomiting. Dilute by giving victim water or milk if victim is conscious. Seek medical attention immediately.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE**

**Steps to be taken in case material is released or spilled:** Wear respirator and protective clothing, shut off the source at the leak, remove excess with vacuum truck and take up remainder with an absorbent such as clay, place in disposable containers, flush area with water to remove residue.

**Waste Disposal Method:** Dispose of material in a waste disposal site in accordance with local, state and federal laws.

**Precautions To Be Taken in Handling and Storing:** Store in a 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 the materials. Properly label all containers.

**Other Precautions:** Avoid breathing vapors generated from the material. Observe conditions of good general hygiene and safe working practices. Contaminated leather articles cannot be cleaned and must be discarded if contaminated with this product. Wash all contaminated clothing prior to reuse.

**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. General exhaust is usually sufficient in lieu of a NIOSH-respirator.

**Ventilation:** General exhaust is usually sufficient to control vapors and exposure hazards.

**Protective Gloves:** Impervious — neoprene or rubber.

**Eye Protection:** Splash goggles or glasses with side shields.

**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.

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Distributed by: UCoat It America, LLC 1797 Atlantic Blvd., Auburn Hills, MI 48326

REVISED 07/2012

**UCoat<sup>®</sup> Part C**

water-based, hybrid epoxy floor coating

HMIS Codes: H 2\* F 1 R 0 P G

NCR 2020

## SECTION 1 - MANUFACTURER IDENTIFICATION

Manufacturer's Name: UCoat It America, LLC  
Address: 1797 Atlantic Blvd., Auburn Hills, MI 48326  
Date Revised: 01-01-98

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

Hazardous Components	CAS Number	Occupational Exposure Limits			Vapor Pressure mm Hg@ Temp	Weight Percent
		OSHA PEL	ACGIH TLV	OSHA STEL		

\* No hazardous materials present as defined in 29 CFR 1910.1000, 40 CFR 260-281, 302, 355, 370, 372, or WHMIS

## SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Range: 212°F	Vapor Density: > 1
Soluble in Water: Emulsifiable	Appearance and Odor: Clear to milky-white liquid, characteristic mild odor
Specific Gravity (H <sub>2</sub> O=1): 1.023	Evaporation Rate: < 1

## SECTION 4 - FIRE AND EXPLOSION HAZARD

Flash Point: 200°F	Flammable Limits in Air by Volume: Lower: N/A Upper: N/A
Method Used: SETA Flash	Extinguishing Media: Chemical Foam, CO <sub>2</sub> , Dry Chemical, Water Fog, Water

**Special Firefighting Procedures:** Firefighter must wear full face piece self-contained breathing apparatus in positive pressure mode. Do not use solid stream of water, since stream will scatter and spread fire. Fine water spray can be used to keep fire-exposed containers cool.

**Unusual Fire and Explosion Hazards:** Closed containers can explode due to build-up of pressure when exposed to extreme heat; do not use direct stream of water on pool fires as product may reignite on water surface. Caution—Material will support combustion.

## SECTION 5 - REACTIVITY DATA

Stability: Stable	Conditions to Avoid: Extreme temperatures
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**Incompatibility (Materials to Avoid):** Strong oxidizers, strong acids  
**Hazardous Decomposition or Byproducts:** Thermal decomposition may yield CO, CO<sub>2</sub>  
**Hazardous Polymerization:** Will not occur

## SECTION 6 - HEALTH HAZARD DATA

**Inhalation Health Risks and Symptoms of Exposure:** None expected, however certain individuals may be sensitized and experience minor nausea or headaches. Emergency and First Aid Procedures: Remove victim to fresh air. If symptoms persist, seek medical attention.

**Skin and Eye Contact Health Risks and Symptoms of Exposure:** None expected, however prolonged contact may cause irritation. Skin Emergency and First Aid Procedures: Remove contaminated clothing; wash affected area with soap and water; Launder contaminated clothing before reusing. If irritation persists, seek medical attention. Eye Emergency and First Aid Procedures: Flush eyes with water for 15 minutes. If irritation persists, seek medical attention.

**Ingestion Health Risks and Symptoms of Exposure:** May cause gastric distress, vomiting and diarrhea. Emergency and First Aid Procedures: Give two glasses of water for dilution; DO NOT induce vomiting. Seek medical attention.

**Health Hazards:** Acute effects are possible irritation and discomfort. No known chronic effects have been established.

Carcinogenicity: NTP? No	ARC monograph? No	OSHA regulated? No
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No listed ingredients of this product are regulated as carcinogens.

**Medical Conditions Generally Aggravated by Exposure:** Respiratory conditions or other allergic response

**Emergency First Aid Procedures:** EYES: Flush eyes with water for at least 15 minutes and consult a physician. SKIN: Skin contact will normally cause no more than irritation, but wash affected area with soap and water and remove contaminated clothing promptly. INHALATION: Remove victim to fresh air area and administer oxygen if necessary. INGESTION: Low in toxicity. Induce vomiting only if large amounts of material are ingested, otherwise do not induce vomiting. In either case, immediately consult a physician.

**UCoat<sup>®</sup> Part C**

water-based, hybrid epoxy floor coating

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE**

**Steps to be taken in case material is released or spilled:** Avoid contact with material, wear the appropriate safety equipment, stop spill at source, dyke area to prevent. Pump liquid to salvage material. Take up remainder with clay or other absorbent and place in disposable containers.

**Waste Disposal Method:** Dispose of material in a waste disposal site in accordance with local, state and federal laws.

**Precautions To Be Taken in Handling and Storing:** Store in a 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 the materials. Properly label all containers.

**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.

**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.

**Ventilation:** Avoid breathing vapors, ventilation must be sufficient to control vapors.

**Protective Gloves:** Impervious — neoprene or rubber.

**Eye Protection:** Splash goggles or glasses with side shields.

**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.

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