**UPrime<sup>®</sup> 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
Bisphenol A Epoxy Resin	025085-99-8	<85.0%
C12-C14-Alkylglycidyl Ether	68609-97-2	<20.0%

**SECTION 3 - HAZARDOUS IDENTIFICATION****Hazard overview**

Classification of the Substance or Mixture:

Skin Corrosion/Irritation, CAT 2; Eye Damage/Irritation, CAT 2A; Skin Sensitizer, CAT 1B

Signal Word:

DANGER

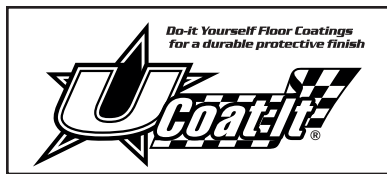
Hazard Statements:

H315	Causes skin irritation	Skin Corrosion/Irritation Cat 2
H317	May cause an allergic skin reaction	Skin Sensitizer, Cat 1A
H319	Causes serious eye irritation	Eye Damage/Irritation, Cat 2A
H401	Toxic to aquatic life	Aquatic Environmental Hazard, Cat 2
H413	May cause long lasting harmful effects to aquatic life	Long Term Aquatic Environmental Hazard, Cat 4

Precautionary Statements:

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
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 Area
P273	Avoid Release To The Environment
P281	Wear Personal Protective Equipment As Required
P301 + P310	If swallowed: Call A Poison Center/Doctor
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
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
P391	Collect spillage
P403+P235	Store in a well ventilated place. Keep cool. Keep Container Tightly Closed
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.



# UPrime<sup>®</sup> Part A

## 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: 1.3 Upper: 9.5

**Flash point:** > 200 °F

**Method Used:** Pensky Martin C.C.

**General Hazard:** Decomposition and combustion products may be toxic.

**Auto-Ignition Temp.:** 270°C

**Extinguishing Media:** For small fires, use water spray, foam, CO<sub>2</sub>, or dry chemical. For large fires, use water 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. Firefighters should wear butyl rubber boots, gloves, and body suit

**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 hear, contain leak or spill, salvage, clean up residue with absorbent material.

**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.

## 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):** 202

**Water/Oil Distribution:** N/A

**Coefficient:**

**VOC Content g/L:** 25 g/L Pt. A

**Solubility in Water:** Negligible

**US EPA Method 24: (Pt. A + Pt. B = 25 g/L)**

**Freezing Point (°C):** N/A

**Specific Gravity @20°C:** 1.087

**Vapor Pressure @ 20°C:** N/A

**pH:** N/A

**Vapor Density:** >air

**Evaporation Rate:** Slower cf ether

**Odor Threshold:** N/A

**Odor:** Mild epoxy

**Appearance:** Clear liquid

**N/A =** Not Available

**N/D =** Not Determined

**Ca. =** Approximate

**UPrime<sup>®</sup> Part A**

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**SECTION 9 - STABILITY AND REACTIVITY DATA**

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**HMIS Hazard Rating No. 1****Stability:** Stable.**Conditions to avoid (stability):** Excess heating above 60°C over long periods degrades resin.  
Strong acids in bulk. MOISTURE as compound is hygroscopic.**Incompatibility (material to avoid):** Strong acids, bases, amines and oxidizing agents.**Hazardous decomposition or by-products:** Oxides of Carbon and nitrogen; Decomposition and Combustion products may be toxic.

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**SECTION 10 - TOXICOLOGICAL INFORMATION**

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**HMIS Hazard Rating No. 3****PRIMARY ROUTE OF ENTRY:** Eye and skin contact, eyes and ingestion.Effects Of Overexposure**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 a relevant route of exposure although it may cause permanent damage to the mouth throat and stomach.

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**SECTION 11 - ECOLOGICAL INFORMATION**

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**Marine Pollutant:** NL

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

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**SECTION 12 - WASTE DISPOSAL**

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

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**SECTION 13 - TRANSPORTATION INFORMATION**

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**DOT (LAND TRANSPORT) SHIPPING INFORMATION:** NOT REGULATED

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**SECTION 14 - REGULATORY INFORMATION**

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**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 SUBSTANCES INVENTORY AND THE CANADIAN DOMESTIC SUBSTANCES LIST.

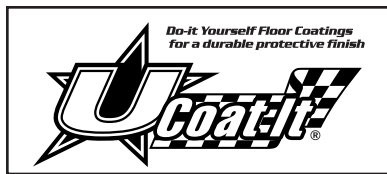
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**SECTION 15 - OTHER INFORMATION**

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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

**UPrime® 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**

<b>INGREDIENT</b>	<b>CAS NO.</b>	<b>CONTENT</b>
Modified Polyamine Polymer	Proprietary	<45%
Polyamine Polymer	Proprietary	<45%
N-Methylpyrrolidone	872-50-4	<5%

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

Eye Dmanage/Irritation, CAT 1

Resp Sensitizer, CAT 1B; Reproduction Toxicity, CAT 2; STOT Repeated Exposure CAT 2, Sore Throat

Signal Word:

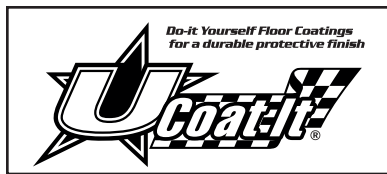
DANGER

Hazard Statements:

H303	May be harmful if swallowed	Acute Toxicity, Cat 5
H305	May be harmful if swallowed and enters airways	Aspiration Hazard, Cat 2
H315	Causes skin irritation	Skin Corrosion/Irritation Cat 2
H317	May cause an allergic skin reaction	Skin Sensitizer, Cat 1
H318	Causes serious eye irritation	Eye Damage/Irritation, Cat 1
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled	Resp Sensitizer, Cat 1A
H335	May cause respiratory irritation	Stot Single Exposure, Cat 3, RTI
H361	Suspected of damaging fertility or the unborn child	Reproduction Toxicity, Cat 2
H373	May cause damage to organs through prolonged or repeated exposure	Stot Repeated Exposure, Cat 2, Sore Throat
H402	Harmful to aquatic life	Aquatic Environmental Hazard, Cat 3

Precautionary Statements:

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 Dust/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 Area
P273	Avoid Release To The Environment
P281	Wear Personal Protective Equipment As Required
P285	In Case Of Inadequate Ventilation Wear Respiratory Protection
P301 + P310	If swallowed: Call A Poison Center/Doctor If You Feel Unwell
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+P388	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

**UPrime® Part B**

P310	Immediately Call A Poison Center Or Doctor
P331	Do Not Induce Vomiting
P332+P313	If Skin Irritation Or Rash Occurs, Get Medical Advice/Attention
P363	Wash contaminated clothing before reuse
P391	Collect spillage
P403+P235+P233	Store In A Well Ventilated Place. Keep Cool. Keep Container Tightly Closed
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 Available Upper: Not Available

**Flash point:** N/D (water-based)

**Method Used:** Pensky Martin C.C.

**General Hazard:** Decomposition and combustion products may be toxic

**Auto-Ignition Temp.:** Not Available

**Extinguishing Media:** Carbon Dioxide, foam, dry chemical, and water 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. Firefighters should wear butyl rubber boots, gloves, and body suit.

**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.

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**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.

**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.

**UPrime<sup>®</sup> Part B****SECTION 8 - PHYSICAL/CHEMICAL CHARACTERISTICS**

<b>Boiling Point (°C):</b> 100°C	<b>Water/Oil Distribution:</b> N/A
<b>Coefficient:</b>	
<b>VOC Content g/L:</b> 75 g/L Pt. B	<b>Solubility in Water:</b> YES
<b>US EPA Method 24:</b> Pt. A + Pt. B = 25 g/L	
<b>Freezing Point (°C):</b> N/D	<b>Specific Gravity @20°C:</b> 1.033
<b>Vapor Pressure @ 20°C:</b> N/D	<b>pH:</b> >7
<b>Vapor Density:</b> >air	<b>Evaporation Rate:</b> Less than ether
<b>Odor Threshold:</b> N/A	<b>Odor:</b> Ammoniacal
<b>Appearance:</b> Amber 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):** N/A**Incompatibility (material to avoid):** Oxidizing agents**Hazardous decomposition or by-products:** Oxides of Carbon and nitrogen; Decomposition and Combustion products may be toxic.**SECTION 10 - TOXICOLOGICAL INFORMATION****HMIS Hazard Rating No. 1****PRIMARY ROUTE OF ENTRY:** Eye and skin contact, eyes 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**SECTION 14 - REGULATORY INFORMATION**

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



## ***UPrime<sup>®</sup> Part B***

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### **SECTION 15 - OTHER INFORMATION**

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