SAFETY DATA SHEET
Ure Prime2

Revision: 09/15/2014

1. Product and Company Identification

Product Code: BU-P2

Product Name: Ure Prime2

Trade Name: Urethane Primer

Company Name: Crest Industries, Inc.
1337 King Road
Trenton, MI 48183

Phone Number: (734)479-4141

Web site address: crestauto.com

Emergency Contact: Chemtel (800)255-3924
International Calls (813)248-0585

Stock Number(s): BU-P2

2. Hazards Identification

Flammable Liquids, Category 2
Acute Toxicity: Skin, Category 4
Acute Toxicity: Inhalation, Category 3
Serious Eye Damage/Eye Irritation, Category 2A
Germ Cell Mutagenicity, Category 1B
Carcinogenicity, Category 1A
Toxic To Reproduction, Category 1B
Specific Target Organ Toxicity (single exposure), Category 3
Specific Target Organ Toxicity (repeated exposure), Category 1

GHS Signal Word: **Danger**

GHS Hazard Phrases:
H225 - Highly flammable liquid and vapor.
H312 - Harmful in contact with skin.
H319 - Causes serious eye irritation.
H331 - Toxic if inhaled.
H336 - May cause drowsiness or dizziness.
H340 - May cause genetic defects .
H350 - May cause cancer .
H360 - May damage fertility or the unborn child .
H372 - Causes damage to organs through prolonged or repeated exposure.

GHS Precaution Phrases:
P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.
P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P233 - Keep container tightly closed.
P241 - Use explosion-proof electrical/ventilating/lighting/.../ equipment.
P242 - Use only non-sparking tools.
P243 - Take precautionary measures against static discharge.
P260 - Do not breathe dust/fume/gas/mist/vapours/spray.
P264 - Wash hands thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P271 - Use only outdoors or in a well-ventilated area.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P281 - Use personal protective equipment as required.
P235 - Keep cool.

GHS Response Phrases:
P303+361+353 - IF ON SKIN (or hair): Remove/take off immediately all contaminated

clothing. Rinse skin with water/shower.
P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P311 - Call a POISON CENTER or doctor/physician.
P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+313 - If eye irritation persists, get medical advice/attention.
P363 - Wash contaminated clothing before reuse.
P370+378 - In case of fire, use carbon dioxide, dry chemical powder, or appropriate foam to extinguish.

GHS Storage and Disposal Phrases:

P403+233 - Store container tightly closed in well-ventilated place.
P405 - Store locked up.
P501 - Dispose of contents/container to an approved treatment/storage/disposal facility in accordance with local/regional/national and international regulations.

Potential Health Effects (Acute and Chronic):

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
108-65-6	Propylene glycol methyl ether acetate	5.000 - 10.00 %
1330-20-7	Xylene (mixed isomers)	5.000 - 10.00 %
100-41-4	Ethylbenzene	1.000 - 5.000 %
123-86-4	Butyl acetate	20.00 - 30.00 %
13463-67-7	Titanium dioxide	5.000 - 10.00 %
14808-60-7	Quartz	1.000 - 5.000 %
14807-96-6	Talcum	20.00 - 30.00 %
64-17-5	Ethyl alcohol	1.000 - 5.000 %
7727-43-7	Barium sulfate	1.000 - 5.000 %
64742-89-8	Hexane, Light aliphatic naptha	1.000 - 5.000 %
77-58-7	Dibutyltin dilaurate	<1.000 %
8052-41-3	Stoddard solvent	<1.000 %

4. First Aid Measures

Emergency and First Aid Procedures:

In Case of Inhalation: If inhaled, remove to fresh air. If breathing is difficult, give oxygen. Consult a physician.

In Case of Skin Contact: Remove contaminated clothing and shoes. Get medical aid if irritation develops and persists. Wash clothing before reuse. Wash off with soap and plenty of water.

In Case of Eye Contact: In case of contact, immediately flush eyes with plenty of water for a t least 15 minutes. Get medical aid.

In Case of Ingestion: Potential for aspiration if swallowed. Get medical aid immediately. Never give anything by mouth to an unconscious person. If vomiting occurs naturally, have victim lean forward. Do NOT induce vomiting. If swallowed, wash out mouth with water provided person is conscious.

Note to Physician: Treat symptomatically and supportively. Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

5. Fire Fighting Measures

Flash Pt: 26.0 C (78.8 F) Method Used: Setaflash Closed Cup (Rapid Setaflash)

Explosive Limits: LEL: UEL:

Autoignition Pt: NA

Suitable Extinguishing Media: Use dry chemical, carbon dioxide, or appropriate foam. Water may be ineffective because it will not cool material below its flash point. For large fires, apply water from as far as possible. Cool all affected containers with flooding quantities of water.

Fire Fighting Instructions: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Use water spray to keep fire-exposed containers cool. Vapors are heavier than air and may travel to a source of ignition and flash back. Vapors can spread along the ground and collect in low or confined areas.

Flammable Properties and Hazards: CONDITIONS OF FLAMMABILITY:
Flammable in the presence of a source of ignition when the temperature is above the flash point. Keep away from heat/sparks/open flame/hot surface. No smoking.
EXPLOSION HAZARDS.
Vapor may travel considerable distance to source of ignition and flash back. Container explosion may occur under fire conditions.

Hazardous Combustion Products: Hazardous decomposition products formed under fire conditions. Carbon oxides.

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled: Use proper personal protective equipment as indicated in Section 8.
Spills/Leaks: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Remove all sources of ignition. Use only non-sparking tools and equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Vapours can accumulate in low areas.
Do not let product enter drains.
Keep in suitable, closed containers for disposal.

7. Handling and Storage

Precautions To Be Taken in Handling: Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Avoid contact with eyes, skin, and clothing. Empty containers retain product residue, (liquid and/or vapor), and can be dangerous. Keep container tightly closed. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks or open flames. Use only with adequate ventilation. Keep away from sources of ignition - No smoking.

Precautions To Be Taken in Storing: Keep away from sources of ignition. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
108-65-6	Propylene glycol methyl ether acetate			
1330-20-7	Xylene (mixed isomers)	PEL: 100 ppm	TLV: 100 ppm STEL: 150 ppm	
100-41-4	Ethylbenzene	PEL: 100 ppm	TLV: 100 ppm STEL: 125 ppm	

123-86-4	Butyl acetate	PEL: 150 ppm	TLV: 150 ppm STEL: 200 ppm
13463-67-7	Titanium dioxide	PEL: 15 (dust) mg/m3	TLV: 10 mg/m3
14808-60-7	Quartz	PEL: 8825 ppm/(%SiO2+5)	TLV: 0.05 mg/m3 (R)
14807-96-6	Talcum	PEL: 706 ppm/20 mppcf	TLV: 2 mg/m3 (non-asbestos)
64-17-5	Ethyl alcohol	PEL: 1000 ppm	TLV: 1000 ppm STEL: 1000 ppm
7727-43-7	Barium sulfate	PEL: 15 (dust); 5 (resp.) mg/m3	TLV: 5 mg/m3 (dust/no asbestos)
64742-89-8	Hexane, Light aliphatic naptha		
77-58-7	Dibutyltin dilaurate		
8052-41-3	Stoddard solvent	PEL: 500 ppm	TLV: 100 ppm

Respiratory Equipment (Specify Type): A NIOSH/MSHA approved or European Standard EN 149 air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected. Hand: Compatible chemical-resistant gloves.

Eye Protection: Chemical safety goggles.

Protective Gloves: Wear appropriate protective gloves to prevent skin exposure. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Other Protective Clothing: Wear appropriate protective clothing to prevent skin exposure.

Engineering Controls (Ventilation etc.): Ventilation fans and other electrical service must be non-sparking and have an explosion-proof design. Use nonsparking tools. Use process enclosure, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

Work/Hygienic/Maintenance Practices: Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling. Wash contaminated clothing before reuse.

EXPOSURE LIMITS, RTECS.
Country Source Type Value.
USA ACGIH STEL 75 PPM
USA ACGIH TWA 50 PPM
USA MSHA Standard-air TWA 100 PPM (410 MG/M3)
USA OSHA. PEL 8H TWA 100 PPM (410 MG/M3)
USA NIOSH TWA 50 PPM
STEL 75 PPM
EXPOSURE LIMITS.
Poland NDS 83
Poland NDSCh 200
Poland NDSP -

9. Physical and Chemical Properties

Physical States:	[ ] Gas [X] Liquid [ ] Solid
Appearance and Odor:	Gray. solvent odor.
pH:	
Melting Point:	NA - 135 C (275 F)
Boiling Point:	NA - 340 C (644 F)
Flash Pt:	26.0 C (78.8 F) Method Used: Setaflash Closed Cup (Rapid Setaflash)
Evaporation Rate:	
Flammability (solid, gas):	
Explosive Limits:	LEL: UEL:
Vapor Pressure (vs. Air or mm Hg):	
Vapor Density (vs. Air = 1):	
Specific Gravity (Water = 1):	
Density:	~ 1.28 G/CM3
Solubility in Water:	
Solubility Notes:	SOLUBLE IN ALCOHOL, ETHER. ACETONE, BENZENE CHLOR.
Octanol/Water Partition Coefficient:	
Percent Volatile:	35.0 %
VOC / Volume:	570 G/L
Autoignition Pt:	NA
Decomposition Temperature:	
Viscosity:	

10. Stability and Reactivity

Stability:	Unstable [ ] Stable [X]
Conditions To Avoid - Instability:	ignition sources, confined spaces, Heat, flames and sparks.
Incompatibility - Materials To Avoid:	Strong oxidizing agents, Strong reducing agents, Strong bases.
Hazardous Decomposition or Byproducts:	Carbon monoxide, formed under fire conditions. Carbon oxides, Vapors may form explosive mixture with air.
Possibility of Hazardous Reactions:	Will occur [ ] Will not occur [X]
Conditions To Avoid - Hazardous Reactions:	Vapors may form explosive mixture with air.

11. Toxicological Information

Toxicological Information:

Sensitization: No data available.

Carcinogenicity/Other Information: CAS# 67-64-1: Not listed by ACGIH, IARC, NTP, or CA Prop 65. Carcinogenicity.
IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
IARC: Group 3: Not classifiable as to its carcinogenicity to humans 3.
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA. CAS# 84-74-2: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 100-41-4: ACGIH: A3 - Confirmed animal carcinogen with unknown relevance to humans.
California: carcinogen, initial date 6/11/04. NTP: Not listed.
CAS# 123-86-4: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
108-65-6	Propylene glycol methyl ether acetate	n.a.	n.a.	n.a.	n.a.
1330-20-7	Xylene (mixed isomers)	n.a.	3	A4	n.a.
100-41-4	Ethylbenzene	n.a.	2B	A3	n.a.
123-86-4	Butyl acetate	n.a.	n.a.	n.a.	n.a.
13463-67-7	Titanium dioxide	n.a.	2B	A4	n.a.
14808-60-7	Quartz	Known	1	A2	n.a.
14807-96-6	Talcum	n.a.	n.a.	n.a.	n.a.
64-17-5	Ethyl alcohol	n.a.	1	A4	n.a.
7727-43-7	Barium sulfate	n.a.	n.a.	n.a.	n.a.
64742-89-8	Hexane, Light aliphatic naptha	n.a.	n.a.	n.a.	n.a.
77-58-7	Dibutyltin dilaurate	n.a.	n.a.	n.a.	n.a.
8052-41-3	Stoddard solvent	n.a.	n.a.	n.a.	n.a.

12. Ecological Information

13. Disposal Considerations

Waste Disposal Method: Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.
RCRA P-Series: None listed.
RCRA U-Series:
CAS# 67-64-1: waste number U002 (Ignitable waste).: waste number U154. Product.
Offer surplus and non-recyclable solutions to a licensed disposal company.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Limited Quantity.
DOT Hazard Class:
UN/NA Number:

LAND TRANSPORT (Canadian TDG):

TDG Shipping Name: ACETONE. DIETHYLBENZENE. BUTYL ACETATES.
UN Number:
Hazard Class: **TDG Classification:**

MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Paint [including paint, lacquer, enamel, stain, shellac solutions, varnish, polish, liquid filler, and liquid lacquer base]
UN Number: 1263 **Packing Group:** II
Hazard Class: 3 - FLAMMABLE LIQUID
IMDG MFAG Number:
IMDG EMS Page:

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Paint [including paint, lacquer, enamel, stain, shellac solutions, varnish, polish, liquid filler, and liquid lacquer base]
UN Number: 1263 **Packing Group:** II
Hazard Class: 3 - FLAMMABLE LIQUID

15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
108-65-6	Propylene glycol methyl ether acetate	No	No	No
1330-20-7	Xylene (mixed isomers)	No	Yes 100 LB	Yes
100-41-4	Ethylbenzene	No	Yes 1000 LB	Yes
123-86-4	Butyl acetate	No	Yes 5000 LB	No
13463-67-7	Titanium dioxide	No	No	No
14808-60-7	Quartz	No	No	No
14807-96-6	Talcum	No	No	No
64-17-5	Ethyl alcohol	No	No	No
7727-43-7	Barium sulfate	No	No	Yes-Cat. N040
64742-89-8	Hexane, Light aliphatic naptha	No	No	No
77-58-7	Dibutyltin dilaurate	No	No	No
8052-41-3	Stoddard solvent	No	No	No

This material meets the EPA	[X] Yes [ ] No	Acute (immediate) Health Hazard
'Hazard Categories' defined	[X] Yes [ ] No	Chronic (delayed) Health Hazard
for SARA Title III Sections	[X] Yes [ ] No	Fire Hazard
311/312 as indicated:	[ ] Yes [X] No	Sudden Release of Pressure Hazard
	[ ] Yes [X] No	Reactive Hazard

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
108-65-6	Propylene glycol methyl ether acetate	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory, 8A PAIR, 8D TERM; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No; PA HSL: No; SC TAP: No; WI Air: No

1330-20-7	Xylene (mixed isomers)	CAA HAP,ODC: HAP; CWA NPDES: Yes; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: TAC, Title 8; MA Oil/HazMat: Yes; MI CMR, Part 5: CMR, Part 5; NC TAP: Yes; NJ EHS: Yes - 2014; NY Part 597: Yes; PA HSL: Yes - E; SC TAP: Yes; WI Air: Yes
100-41-4	Ethylbenzene	CAA HAP,ODC: HAP; CWA NPDES: Yes; TSCA: Yes - Inventory, 4 Test; CA PROP.65: Yes; CA TAC, Title 8: TAC, Title 8; MA Oil/HazMat: Yes; MI CMR, Part 5: Part 5; NC TAP: Yes; NJ EHS: Yes - 0851; NY Part 597: Yes; PA HSL: Yes - E; SC TAP: Yes; WI Air: Yes
123-86-4	Butyl acetate	CAA HAP,ODC: No; CWA NPDES: Yes; TSCA: Yes - Inventory, 4 Test; CA PROP.65: No; CA TAC, Title 8: Title 8; MA Oil/HazMat: Yes; MI CMR, Part 5: Part 5; NC TAP: No; NJ EHS: Yes - 1329; NY Part 597: Yes; PA HSL: Yes - E; SC TAP: No; WI Air: Yes
13463-67-7	Titanium dioxide	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: Yes; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: Yes - 1861; NY Part 597: No; PA HSL: Yes - 1; SC TAP: No; WI Air: No
14808-60-7	Quartz	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: Yes - 1660; NY Part 597: No; PA HSL: Yes - 1; SC TAP: No; WI Air: No
14807-96-6	Talcum	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: Title 8; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: Yes - 1773; NY Part 597: No; PA HSL: Yes - 1; SC TAP: No; WI Air: Yes
64-17-5	Ethyl alcohol	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: Title 8; MA Oil/HazMat: Yes; MI CMR, Part 5: No; NC TAP: No; NJ EHS: Yes - 0844; NY Part 597: No; PA HSL: Yes - 1; SC TAP: No; WI Air: No
7727-43-7	Barium sulfate	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: TAC; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: Yes - 4000; NY Part 597: No; PA HSL: Yes - 1; SC TAP: No; WI Air: No
64742-89-8	Hexane, Light aliphatic naptha	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No; PA HSL: No; SC TAP: No; WI Air: No
77-58-7	Dibutyltin dilaurate	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No; PA HSL: No; SC TAP: No; WI Air: No
8052-41-3	Stoddard solvent	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: Title 8; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: Yes - 1736; NY Part 597: No; PA HSL: Yes - 1; SC TAP: No; WI Air: Yes

16. Other Information

Revision Date: 09/15/2014

Additional Information About This Product:

Company Policy or Disclaimer: The information contained in this SDS is believed to be accurate and reliable as of the date indicated. Crest Industries, Inc. assumes no legal responsibility and makes no representation, warranty or guarantee, expressed or implied, as to the completeness or accuracy of the information. It is offered solely for your consideration, investigation and verification. The user is ultimately responsible for the safe use of the material in accordance with applicable federal, state, provincial and local laws and regulations.