

1. Product and Company Identification

Product Code: URECON III
Product Name: Urecon III - TG, SL, 16, SC, CV
Company Name: Key Resin Company
 4050 Clough Woods Dr.
 Batavia, OH 45103
Phone Number: +1 (513)943-4225
Emergency Contact: Chemtrec (USA) (800)424-9300
 Chemtrec (International) +1 (703)527-3887
Intended Use: Industrial floor coatings.

2. Hazards Identification

Skin Corrosion/Irritation, Category 1C
Skin Corrosion/Irritation, Category 2
Skin Sensitization, Category 1A
Serious Eye Damage/Eye Irritation, Category 1
Specific Target Organ Toxicity (repeated exposure), Category 1
Carcinogenicity, Category 1A
Specific Target Organ Toxicity (single exposure), Category 3



Danger



Warning



Danger

GHS Hazard Phrases: H314 - Causes severe skin burns and eye damage.
 H315 - Causes skin irritation.
 H317 - May cause an allergic skin reaction.
 H318 - Causes serious eye damage.
 H372 - Causes damage to organs (lungs/respiratory system through prolonged or repeated exposure).
 H350 - May cause cancer (inhalation).
 H335 - May cause respiratory irritation.

GHS Precaution Phrases: P102 - Keep out of reach of children.
 P260 - Do not breathe dust.
 P280 - Wear protective gloves/protective clothing/eye protection/face protection.
 P264 - Wash hands and forearms thoroughly after handling.
 P272 - Contaminated work clothing should not be allowed out of the workplace.
 P362+364 - Take off contaminated clothing and wash it before reuse.
 P270 - Do not eat, drink or smoke when using this product.
 P201 - Obtain special instructions before use.
 P202 - Do not handle until all safety precautions have been read and understood.
 P281 - Use personal protective equipment as required.
 P271 - Use only outdoors or in a well-ventilated area.

GHS Response Phrases: P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P314 - Get medical attention/advice if you feel unwell.
 P305 - IF IN EYES: P338 - Remove contact lenses, if present and easy to do. Continue rinsing. P315 - Get immediate medical advice/attention.
 P301+310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
 P302+352 - IF ON SKIN: Wash with plenty of soap and water. P333+313 - If skin irritation or rash occurs, seek medical advice/attention.

GHS Storage and Disposal Phrases: P405 - Store locked up.
 P501 - Dispose of contents/container to local, state, and federal authority requirements.

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Supersedes Revision: 06/22/2015

OSHA Regulatory Status:	This material is classified as hazardous under OSHA regulations.
Potential Health Effects (Acute and Chronic):	Prolonged exposure may cause dermatitis & skin cracking. Prolonged exposure to respirable free silica can aggravate other lung conditions and cause silicosis, a disabling and potentially fatal lung disease.
Inhalation:	Irritating to the nose, throat and respiratory tract. May cause damage to lungs through prolonged or repeated exposure. Prolonged exposure to respirable free silica can aggravate other lung conditions and cause silicosis, a disabling and potentially fatal lung disease. May cause cancer (Inhalation).
Skin Contact:	Repeated exposure may cause skin dryness or cracking. Causes skin irritation. Allergic reactions are possible.
Eye Contact:	Exposure to airborne dust may cause immediate or delayed irritation or inflammation. Eye contact of dry powder or splashes of wet product may cause effects ranging from moderate eye irritation to chemical burns or blindness.
Ingestion:	Harmful if swallowed. This product may produce corrosive damage to the gastrointestinal tract if it is swallowed. Ingestion may produce burns to the lips, oral cavity, upper airway, esophagus and possibly the digestive tract.
Medical Conditions Generally Aggravated By Exposure:	Skin disorders, Respiratory disorders, Eye disorders, Skin Allergies.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration	
14808-60-7	Quartz	25 - 100 %	
65997-15-1	Cement	<55 %	
1305-62-0	Calcium hydroxide	<25 %	

4. First Aid Measures

Emergency and First Aid

Procedures:

In Case of Inhalation:	If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Get medical advice/attention.
In Case of Skin Contact:	Remove contaminated clothing and shoes. Brush off loose particles from skin. Rinse cautiously with water for several minutes. Get medical attention if irritation develops or persists.
In Case of Eye Contact:	Hold eyelids apart and flush eyes with plenty of water. After initial flushings, remove any contact lenses and continue flushing for at least 15 minutes. Have eyes examined and tested by medical personnel.
In Case of Ingestion:	If swallowed, do NOT induce vomiting. Give victim a glass of water. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

Signs and Symptoms Of Exposure: May cause rash on skin, and redness in eyes. May cause coughing by inhalation.

5. Fire Fighting Measures

Flash Pt: NP

Explosive Limits: LEL: No data. UEL: No data.

Autoignition Pt: NP

Suitable Extinguishing Media: No data available.

Unsuitable Extinguishing Media: Product will not burn, but packaging will burn in a fire.

Fire Fighting Instructions: Will not support combustion.

Flammable Properties and Hazards: Will not support combustion.

6. Accidental Release Measures

Protective Precautions, Protective Equipment and Emergency Procedures: Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Where risk assessment shows air-purifying respirators are appropriate use a dust mask type N95 (US) or type P1 (EN 149) respirator. Wear safety glasses with side shields or goggles to avoid contact with the eyes. In extremely dusty environments and unpredictable environments, wear tight-fitting unvented or indirectly vented goggles to avoid eye irritation or injury.

Environmental Precautions: Avoid release to the environment.

Steps To Be Taken In Case Material Is Released Or Spilled: Use personal protective equipment. Vacuum or sweep up material and place into a suitable disposal container. Collect dry material using a scoop. Avoid actions that cause dust to become airborne. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Do not flush to sewer.

7. Handling and Storage

Precautions To Be Taken in Handling: Wear all personal protection required in section 8. Do not rely on your sight to determine if dust is in the air. Respirable crystalline silica dust may be in the air without a visible dust cloud. Wear appropriate personal protective equipment, avoid direct contact. Do not breathe dust. Avoid contact with skin, eyes, and clothing. Minimize dust generation and accumulation.

Precautions To Be Taken in Storing: Handle and store in a manner so that airborne dust does not exceed applicable exposure limits. Use adequate ventilation and dust collection. Do not store near acids or other incompatible materials. Keep away from moisture. Do not store or ship in aluminum containers.

Other Precautions: Keep tightly closed.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
14808-60-7	Quartz	PEL: 8825 ppm/(%SiO ₂ +5)	TLV: 0.05 mg/m ³ (R)	No data.
65997-15-1	Cement	PEL: 15 (dust); 5 (resp.) mg/m ³	TLV: 10 mg/m ³ (E)	No data.
1305-62-0	Calcium hydroxide	PEL: 15 (dust); 5 (resp.) mg/m ³	TLV: 5 mg/m ³	No data.

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Respiratory Equipment (Specify Type):	Use local exhaust or general dilution ventilation to control dust levels below applicable exposure limits. Use appropriate NIOSH approved respiratory protection for respirable crystalline silica.
Eye Protection:	Wear safety glasses with side shields or goggles to avoid contact with the eyes. In extremely dusty environments and unpredictable environments, wear tight-fitting unvented or indirectly vented goggles to avoid eye irritation or injury. Contact lenses should not be worn.
Protective Gloves:	Impervious gloves.
Other Protective Clothing:	Impervious clothing.
Engineering Controls (Ventilation etc.):	Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product. Good general ventilation should be sufficient to control airborne levels.
Work/Hygienic/Maintenance Practices:	Wash thoroughly after handling. Wash hands before breaks and at the end of workday. Wash contaminated clothing before reuse.
Environmental Exposure Controls:	Avoid runoff into storm sewers and ditches which lead to waterways.

9. Physical and Chemical Properties

Physical States:	<input type="checkbox"/> Gas	<input type="checkbox"/> Liquid	<input checked="" type="checkbox"/> Solid
Appearance and Odor:	White. Powder.		
Melting Point:	No data.		
Boiling Point:	No data.		
Autoignition Pt:	NP		
Flash Pt:	NP		
Explosive Limits:	LEL: No data.	UEL: No data.	
Specific Gravity (Water = 1):	~ 2.6 - 2.9		
Vapor Pressure (vs. Air or mm Hg):	No data.		
Vapor Density (vs. Air = 1):	No data.		
Evaporation Rate:	No data.		
Solubility in Water:	No data.		
Solubility Notes:	Practically insoluble.		
Percent Volatile:	N.A.		

10. Stability and Reactivity

Reactivity:	Moisture reactive substances.
Stability:	Unstable <input type="checkbox"/> Stable <input checked="" type="checkbox"/>
Conditions To Avoid - Instability:	Avoid conditions of extreme humidity. Moisture.
Incompatibility - Materials To Avoid:	Avoid: Strong oxidizing agents, acids, ammonium salts, and phosphorus.
Hazardous Decomposition Or Byproducts:	No data available.
Possibility of Hazardous Polymerization:	Will occur <input type="checkbox"/> Will not occur <input checked="" type="checkbox"/>
Conditions To Avoid - Hazardous Reactions:	Product will not undergo polymerization.

11. Toxicological Information

Toxicological Information: Moderate irritation effect.

Irritation or Corrosion: May cause redness, rash on skin. May cause skin, eye irritation/burns.

Symptoms related to Toxicological Characteristics: Contact can cause reddening, swelling, rash, scaling, or blistering.

Chronic Toxicological Effects: Respirable crystalline silica (quartz) can cause silicosis, a fibrosis (scarring) of the lungs. Silicosis may be progressive; it may lead to disability and death.

12. Ecological Information

General Ecological Information: Product contains alkaline material potentially toxic to aquatic life if concentration is high for extended periods of time. Minimize contact with storm water runoff.

Persistence and Degradability: Not determined for mixture.

13. Disposal Considerations

Waste Disposal Method: Dispose of this product, product solutions and its container according to federal, state and local authority requirements.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Not Regulated.
DOT Hazard Class:
UN/NA Number:

MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Not Regulated.

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Not Regulated.

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)
14808-60-7	Quartz	No	No	No
65997-15-1	Cement	No	No	No
1305-62-0	Calcium hydroxide	No	No	No

This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:

Yes No Acute (immediate) Health Hazard

Yes No Chronic (delayed) Health Hazard

Yes No Fire Hazard

Yes No Sudden Release of Pressure Hazard

Yes No Reactive Hazard

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Regulatory Information: SARA Section 311/312: Acute, Chronic Health Hazard.

16. Other Information

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Hazard Rating System:

HEALTH	1
FLAMMABILITY	0
REACTIVITY	0
PPE	X

HMIS:

Additional Information About This Product: CA=CIRCA NA=NOT AVAILABLE NE=NOT ESTABLISHED NR=NOT REGULATED
NP= NOT APPLICABLE PR=PROPRIETARY TS=TRADE SECRET ?=UNKNOWN.

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