

# SAFETY DATA SHEET

## Urecon I, Urecon I-CV

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### 1. Product and Company Identification

**Product Code:** URECON I-ALL  
**Product Name:** Urecon I, Urecon I-CV  
**Trade Name:** Urecon I, Urecon I-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 3****Serious Eye Damage/Eye Irritation, Category 2B**

**GHS Hazard Phrases:** H316 - Causes mild skin irritation. H320 - Causes eye irritation. H305 - May be harmful if swallowed and enters airways.

**GHS Precaution Phrases:** P202 - Do not handle until all safety precautions have been read and understood. P281 - Use personal protective equipment as required. P262 - Do not get in eyes, on skin, or on clothing.

**GHS Response Phrases:** P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P302+350 - IF ON SKIN: Gently wash with plenty of soap and water. P333+313 - If skin irritation or rash occurs, seek medical advice/attention.  
P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P310 - Immediately call a poison center or a doctor.

**GHS Storage and Disposal Phrases:** P401 - Store: where product will not freeze. P501 - Dispose of contents/container to local, state, and federal authority requirements.

**OSHA Regulatory Status:** This material is classified as hazardous under OSHA regulations.

**Potential Health Effects (Acute and Chronic):** May cause irritating effects.

**Inhalation:** May cause respiratory irritation.

**Skin Contact:** May cause skin irritation.

**Eye Contact:** May cause eye irritation.

**Ingestion:** May be harmful if swallowed.

**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	
6422-86-2	1,4-Benzenedicarboxylic acid, Bis(2-ethylhexyl) ester	10 - 20 %	
57987-55-0	1,5-Pentanediol, 2,4-diethyl-	5.0 - 10 %	
8042-47-5	Technical white oil* (regulated as mist only)	1.0 - 5.0 %	

### 4. First Aid Measures

**Emergency and First Aid**

**Procedures:**

**In Case of Inhalation:** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. If experiencing respiratory symptoms: Get medical attention immediately.

**In Case of Skin Contact:** In case of contact, immediately wash skin with soap and copious amounts of water. Remove contaminated clothing and shoes. Get medical attention if irritation develops or persists.

**In Case of Eye Contact:** In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

**In Case of Ingestion:** If swallowed, wash out mouth with water provided person is conscious. Call a physician immediately. For further assistance, contact your local Poison Control Center.

**Signs and Symptoms Of Exposure:** May cause rash on skin, and redness in eyes. May cause coughing by inhalation of a mist or spray.

### 5. Fire Fighting Measures

**Flash Pt:** NA Method Used: Not Applicable

**Explosive Limits:** LEL: NE UEL: NE

**Autoignition Pt:** No data.

**Suitable Extinguishing Media:** Will not support combustion.

**Unsuitable Extinguishing Media:** Will not support combustion.

**Fire Fighting Instructions:** Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Use water spray to cool unopened containers.

**Flammable Properties and Hazards:** Product will not support combustion as supplied. Product is not considered a fire hazard. Closed containers may rupture (due to build up in pressure) when exposed to extreme heat.

### 6. Accidental Release Measures

**Protective Precautions, Protective Equipment and Emergency Procedures:** Wear respirator, chemical safety goggles, rubber boots, and heavy rubber gloves.

**Environmental Precautions:** Prevent entry into waterways, sewers, basements or confined areas.

**Steps To Be Taken In Case Material Is Released Or Spilled:** PROCEDURE TO BE FOLLOWED IN CASE OF LEAK OR SPILL.  
 Evacuate area. Absorb with sand or vermiculite and place in closed containers for disposal. Ventilate the area.

### 7. Handling and Storage

**Precautions To Be Taken in Handling:** Provide adequate ventilation. Do not breathe vapor. Do not get in eyes, on skin or on clothing.

**Precautions To Be Taken in Storing:** Keep from freezing. Keep container closed when not in use.

**Other Precautions:** Wash thoroughly after handling.

### 8. Exposure Controls/Personal Protection

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CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
6422-86-2	1,4-Benzenedicarboxylic acid, Bis(2-ethylhexyl) ester	No data.	No data.	No data.
57987-55-0	1,5-Pentanediol, 2,4-diethyl-	No data.	No data.	No data.
8042-47-5	Technical white oil* (regulated as mist only)	No data.	No data.	No data.

<b>Respiratory Equipment (Specify Type):</b>	Normally when good engineering controls are used, no respiratory protection is needed. However, if cured product is abraded by sanding or grinding use a NIOSH approved air-purifying respirator. Where risk assessment shows air-purifying respirators are appropriate use a dust mask type N95 (US) or type P1 (EN 143) respirator. A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.
<b>Eye Protection:</b>	Safety glasses, or goggles.
<b>Protective Gloves:</b>	Nitrile rubber and Neoprene are recommended.
<b>Other Protective Clothing:</b>	Where splashing is possible, full chemically resistant protective clothing, safety glasses or face shield and boots are required.
<b>Engineering Controls (Ventilation etc.):</b>	Good general ventilation should be sufficient to control airborne levels. Safety shower and eye bath.
<b>Work/Hygienic/Maintenance Practices:</b>	Wash contaminated clothing before reuse. Discard contaminated shoes. Wash thoroughly after handling.
<b>Environmental Exposure Controls:</b>	Avoid release to the environment. Avoid runoff into storm sewers and ditches which lead to waterways.

### 9. Physical and Chemical Properties

<b>Physical States:</b>	<input type="checkbox"/> Gas <input checked="" type="checkbox"/> Liquid <input type="checkbox"/> Solid
<b>Appearance and Odor:</b>	Milky. Faint.
<b>Melting Point:</b>	No data.
<b>Boiling Point:</b>	>= 212.00 F (100.0 C)
<b>Autoignition Pt:</b>	No data.
<b>Flash Pt:</b>	NA    Method Used: Not Applicable
<b>Explosive Limits:</b>	LEL: NE                      UEL: NE
<b>Specific Gravity (Water = 1):</b>	~ .959
<b>Density:</b>	~ 8.0
<b>Vapor Pressure (vs. Air or mm Hg):</b>	NE
<b>Vapor Density (vs. Air = 1):</b>	NE
<b>Evaporation Rate:</b>	NE
<b>Solubility in Water:</b>	Soluble
<b>Solubility Notes:</b>	Water soluble.
<b>Saturated Vapor Concentration:</b>	NE
<b>Percent Volatile:</b>	~ 35 % by volume.

### 10. Stability and Reactivity

**Reactivity:** Stable under normal conditions.  
**Stability:** Unstable [ ] Stable [ X ]  
**Conditions To Avoid - Instability:** Avoid uncontrolled contact with isocyanates.  
**Incompatibility - Materials To Avoid:** acids, alkalis, oxidizing agents.  
**Hazardous Decomposition Or Byproducts:** Thermal decomposition may produce smoke, carbon monoxide, carbon dioxide.  
**Possibility of Hazardous Polymerization:** Will occur [ ] Will not occur [ X ]  
**Conditions To Avoid - Hazardous Reactions:** None known.

### 11. Toxicological Information

**Toxicological Information:** Product not considered to be a toxic mixture.  
**Irritation or Corrosion:** May cause skin irritation. May be moderately irritating to eyes.  
**Symptoms related to Toxicological Characteristics:** No data available.  
**Chronic Toxicological Effects:** No data available.

### 12. Ecological Information

**General Ecological Information:** This product is not considered to be environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.  
**Results of PBT and vPvB assessment:** No data available.  
**Persistence and Degradability:** No data available.  
**Bioaccumulative Potential:** not reported, unknown.  
**Mobility in Soil:** not reported, unknown.

### 13. Disposal Considerations

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

### 14. Transport Information

**LAND TRANSPORT (US DOT):**

**DOT Proper Shipping Name:** Not Regulated.

**DOT Hazard Class:**

**UN/NA Number:**

**Precautionary Label:** Not classified as a dangerous good under transport regulations.

**LAND TRANSPORT (Canadian TDG):**

**TDG Shipping Name:** Not Regulated.

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**MARINE TRANSPORT (IMDG/IMO):**

**IMDG/IMO Shipping Name:** Not Regulated.

**AIR TRANSPORT (ICAO/IATA):**

**ICAO/IATA Shipping Name:** Non-hazardous for air transport.

### 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)
6422-86-2	1,4-Benzenedicarboxylic acid, Bis(2-ethylhexyl) ester	No	No	No
57987-55-0	1,5-Pentanediol, 2,4-diethyl-	No	No	No
8042-47-5	Technical white oil* (regulated as mist only)	No	No	No

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

### 16. Other Information

**Revision Date:** 05/14/2020

**Hazard Rating System:**

HEALTH	1
FLAMMABILITY	1
PHYSICAL	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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