

SAFETY DATA SHEET

ULTRACON I (Part 1)

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1. Product and Company Identification

Product Code: ULTRACON I

Product Name: ULTRACON I (Part 1)

Trade Name: ULTRACON I (Part 1)

Manufacturer Information

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

Alternate Emergency Contact: Chemtrec (International) +1 (703)527-3887

Intended Use: Industrial floor coatings.

2. Hazards Identification

GHS Classification	Placard	Key word	GHS hazard phrase
Skin Corrosion/Irritation, Category 3	none	Warning	Causes mild skin irritation
Serious Eye Damage/Eye Irritation, Category 2B	none	Warning	Causes eye irritation

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.

Potential Health Effects (Acute and Chronic)

May cause irritating effects.

Inhalation

May cause respiratory irritation.

Skin Contact

May cause slight 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.

OSHA Regulatory Status:

This material is classified as hazardous under OSHA regulations.

3. Composition/Information on Ingredients

Hazardous Components (Chemical Name)	CAS #	Concentration
1. 1,5-Pentanediol, 2,4-diethyl-	57987-55-0	1.0 - 7.0 %

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 available.

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.

Hazardous Combustion Products

In a fire, product may produce the following: Carbon monoxide, Carbon dioxide.

Suitable Extinguishing Media

Will not support combustion.

Unsuitable Extinguishing Media

Will not support combustion.

6. Accidental Release Measures

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.

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.

7. Handling and Storage

Hazard Label Information:

Avoid contact with skin and eyes. Do not get on skin and clothing. Keep from freezing. Store in a closed container.

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

Hazardous Components (Chemical Name)	CAS #	OSHA PEL	ACGIH TLV	Other Limits
1. 1,5-Pentenediol, 2,4-diethyl-	57987-55-0	No data.	No data.	No data.

Protective Equipment Summary - Hazard Label Information:

Neoprene gloves Safety glasses, or goggles. Impervious clothing.

Respiratory Equipment (Specify Type)

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.

Eye Protection

Safety glasses, or goggles.

Protective Gloves

Nitrile rubber and Neoprene are recommended.

Other Protective Clothing

Where splashing is possible, full chemically resistant protective clothing, safety glasses or face shield and boots are required.

Engineering Controls (Ventilation etc.)

Good general ventilation should be sufficient to control airborne levels. Safety shower and eye bath.

Work/Hygienic/Maintenance Practices

Wash contaminated clothing before reuse. Discard contaminated shoes. Wash thoroughly after handling.

Environmental Exposure Controls

Avoid release to the environment. Avoid runoff into storm sewers and ditches which lead to waterways.

9. Physical and Chemical Properties

Physical States: [] Gas [X] Liquid [] Solid
Melting Point: No data.
Boiling Point: >= 212.00 F
Autoignition Pt: No data.
Flash Pt: NA Method Used: Not Applicable
Explosive Limits: LEL: NE UEL: NE
Specific Gravity (Water = 1): ~ .9724
Density: ~ 8.11
Vapor Pressure (vs. Air or mm Hg): NE
Vapor Density (vs. Air = 1): NE
Evaporation Rate: NE
Solubility in Water: Soluble
Solubility Notes
Water soluble.
Percent Volatile: ~ 26 % by weight.
HAP / Volume: NE
Saturated Vapor Concentration: NE
Appearance and Odor
Milky. Faint.

10. Stability and Reactivity

Stability: Unstable [] Stable [X]
Reactivity
Stable under normal conditions.
Conditions To Avoid - Instability
Avoid uncontrolled contact with isocyanates.
Incompatibility - Materials To Avoid
Avoid: acids, alkalis, oxidizing agents.
Hazardous Decomposition Or Byproducts
Thermal decomposition may produce smoke, carbon monoxide, carbon dioxide.
Possibility of Hazardous Will occur [] Will not occur [X]
Polymerization:
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, eye, and respiratory irritation.

Hazardous Components (Chemical Name)	CAS #	NTP	IARC	ACGIH	OSHA
1. 1,5-Pentanediol, 2,4-diethyl-	57987-55-0	n.a.	n.a.	n.a.	n.a.

12. Ecological Information

General Ecological Information

No data available.

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.

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

LAND TRANSPORT (Canadian TDG)

TDG Shipping Name Not Regulated.

AIR TRANSPORT (ICAO/IATA)

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

MARINE TRANSPORT (IMDG/IMO)

IMDG/IMO Shipping Name Not Regulated.

15. Regulatory Information

US EPA SARA Title III

Hazardous Components (Chemical Name)	CAS #	Sec.302 (EHS)	Sec.304 RQ	Sec.313 (TRI)	Sec.110
1. 1,5-Pentanediol, 2,4-diethyl-	57987-55-0	No	No	No	No

Regulatory Information

SARA Section 311/312: Acute Health Hazard.

16. Other Information

CA=CIRCA NA=NOT AVAILABLE NE=NOT ESTABLISHED NR=NOT REGULATED NP= NOT APPLICABLE PR=PROPRIETARY TS=TRADE SECRET ?=UNKNOWN.

Company Policy or Disclaimer

The information contained in this MSDS is taken from sources believed to be accurate as of the date hereof; however the Key Resin Company makes no expressed or implied warranty in respect to the accuracy of the information or the suitability of the recommendations, and assumes no liabilities to any user thereof.

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