

MATERIAL SAFETY DATA SHEET

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name. Ultra krete SL Resin PART A

1.2 Recommended use and restriction on use Concrete floor

General use Do not use except to purpose
Restriction on Use

1.3 Details of the supplier of the safety data sheet

Ultra epoxy,Corp
1201 Ave H,Grand Prairie,TX 75050
214-753-4423

1.4 Emergency telephone number

214-753-4423

SECTION 2: Hazards identification

2.1 GHS classification

Physical hazards	Skin corrosion/skin irritation: Category 2
Health hazards	Serious eye damage/eye irritation: Category 2
	Skin Sensitivity: Category 1
	Carcinogenicity: Category 2
	Reproductive toxicity: Category 1B
Environmental hazards	Specific target organ toxicity (single exposure): Category 3 (respiratory system irritation)
	Specific target organ toxicity (single exposure): Category 1
	Specific target organ toxicity (repeated exposure): Category 1
	Acute aquatic environment hazard: Category 1

2.2 Label elements

GHS label elements, including
precautionary statements
Hazard symbols

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Signal words
Hazard statements

Danger
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.
H351 Suspected of causing cancer.
H360 May cause damage to the fetus or fertility.
H400 Very toxic to aquatic life.

Material Safety Data Sheet

Precautionary statements Prevent	<p>P201 Obtain instruction manual before use.</p> <p>P202 Do not handle until all safety precautions have been read and understood.</p> <p>P264 Wash handled area thoroughly after handling.</p> <p>P270 Do not eat, drink or smoke when using this product.</p> <p>P273 Avoid release to the environment.</p>
Response	<p>P280 Wear (protective gloves, protective clothing, safety glasses, face protection).</p> <p>P281 Wear appropriate personal protective equipment.</p> <p>P302+P352 If it gets on your skin, wash with plenty of soap and water.</p> <p>P305+P351+P338 If in eyes,Rinse cautiously with water for several minutes. Remove contact lense,if present and easy to do. Continue rinsing.</p> <p>P307+P311 If exposed, call a medical institution or doctor.</p> <p>P308+P313 If exposed or concerned, get medical advice/attention.</p> <p>P312 If you feel unwell, consult a medical institution (doctor).</p> <p>P314 If you feel unwell, seek medical advice/attention.</p> <p>P332+P313 If skin irritation occurs: Get medical advice/attention.</p> <p>P333+P313 If skin irritation or erythema occurs, seek medical advice/attention.</p> <p>P337+P313 If eye irritation persists: Get medical advice/attention.</p> <p>P362 Take off contaminated clothing and wash before reuse.</p> <p>P363 Wash contaminated clothing before reuse.</p> <p>P391 Collect spillage.</p>
Storage	P403+P233 Keep container tightly closed.Avoid direct sunlight,open flame,ignition sources
Disposal	P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

SECTION 3: Composition/information on ingredients

Chemical name	Trade name and Synonyms	CAS No	Content (%)
Dibutyl phthalate	PHTHALIC ACID, DIBUTYL ESTER	84-74-2	10-30
Titanium dioxide	ANATASE	13463-67-7	1-5
Triethyleneglycol	DI- BETA-HYDROXYETHOXYETHANE	112-27-6	1-10
Water	DIHYDROGEN OXID	7732-18-5	10-30
Caster oil	RICINUS OIL	8001-79-4	1-10

SECTION 4: First aid measures

General advice	Seek medical advice or medical attention if condition persists.
A. Eye contact	<p>If required, provide artificial respiration. Please remove contact lenses, if present. conntinue rinsing.</p> <p>Get emergency medical attention</p>

B. Skin contact	Skin (or hair) If you get beotgeona Please remove all contaminated clothing. Rinse skin with water / shower. If skin irritation or rash Seek medical advice. Keep the wash contaminated clothing before use again. If the hot material, heat affected area to eliminate a large amount of press wash, immerse in cold water Remove contaminated clothing and shoes, and isolate the contaminated area please
C. Inhalation	Minor skin contact to prevent the spread of contaminated surfaces please Excess dust or fumes when exposed to clean air to remove if you cough or other symptoms please seek medical attention. Immediate medical advice Seek. Excess dust or fumes when exposed to clean air to remove if you cough or other symptoms please seek medical attention.
D. Swallowing	Call a physician or poison control center immediately. Do not induce vomiting. If vomiting occurs, the head should be kept low so that stomach vomit does not enter the lungs.

SECTION 5: Firefighting measures

A. Extinguish media Suitable Unsuitable	When extinguishing fires involving this material, use alcohol foam, carbon dioxide or water spray. When extinguishing asphyxiation, use dry sand or soil.
B. Specific hazards arising from the chemical	During burning, irritating and highly toxic gases may be produced by thermal decomposition or combustion. Containers may explode when heated. Some may burn but do not ignite easily. Non-flammable, the material itself does not burn, but may decompose when heated, generating corrosive/toxic fumes.
C. Fire-fighting equipment/ instruction	Rescuers must wear appropriate protective equipment. Extinguish the fire by leaving the area and maintaining a safe distance. Dig a trench to dispose of fire water, contain it, and prevent material from scattering. Move containers from fire area if you can do it without risk. The water that scatters when the container heats up and explodes can cause burns to the skin and eyes.

SECTION 6: Accidental release measures

A. Personal precautions, protective equipment and emergency procedures	Dust, fumes, gas, mist or vapor. Avoid inhalation of spray. Wipe spills immediately that, protection protest Follow precautions. Please remove all sources of ignition If you do not risk a leak, stop it Without appropriate protective clothing Do not touch damaged containers or spills There is no leak at the front of the fire protection of beams arc vapor Wear Please stop the spread by covering it with plastic sheets Prevent formation of dust
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B. Environmental precautions	Please note that to avoid substances and conditions Avoid release to the environment. Waterways, sewers, basements, please avoid entering into a confined space
C. Methods and materials for containment and cleaning up	Embankments built for the digestion of water collection please. Inert material (eg dry sand or earth), and to absorb spill, chemical waste, put it in a container. Moisten with water to remove dust and prevent scattering follow. To absorb the liquid detergent and wash contaminated area in the press. When large amounts of liquid spills and leaks by far Make a ditch Clean spillage collected using explosion-proof tools and follow a loosely covered plastic container and add A shovel to clean spillage clean, dry container containing a loosely closed containers from spill area after the turn to move Leak powder to prevent the spread by covering it with plastic sheeting to keep dry, please Small spills on sand, non-combustible material to absorb and container fence to follow Handling / storage please use caution. Open your carefully before opening the cap. Long-term or continuous skin contact barricade. Please note that to avoid substances and conditions Please pay attention to high-temperature Disposal according to local regulations

SECTION 7: Handling and storage

A. Precautions for safe handling	Read and understand all safety precautions before you Do not handle. Dust, fumes, gas, mist or vapor Avoid inhalation of spray. Wash hands thoroughly after handling. When using this product, eat, drink or Do not breathe. A well-ventilated area or outdoors Please treat. Workplace Do not export out of the contaminated clothing. Pressure or, cut, or welding, soldering, bonding, drilling, grinding or heat, uncovered, flames, sparks, static electricity or other sources of ignition Do not expose to. Product containers have been emptied of debris may remain after all MSDS / label precautions Follow. Handling / storage please use caution. Open your carefully before opening the cap. Long-term or continuous skin contact barricade. Please note that to avoid substances and conditions Please pay attention to high-temperature
B. Conditions for safe storage	Store container tightly closed in a well-ventilated place. Empty drums should be completely drained, properly plugged, and immediately returned to the drum regulator or placed appropriately. Keep away from food and drinks

SECTION 8: Exposure controls/personal protection

A.Exposures limit value,biological limit value etc

Ultra krete SL Resin PART A

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Composition	Domestic Provision	ACGIH Provision
Dibutyl phthalate	TWA - 5mg/m	TWA - 5mg/m
Titanium dioxide	TWA - 10mg/m	TWA - 10mg/m
Triethyleneglycol	No data	Not applicable
Water	No data	No data
Caster oil	No data	No data

B. Appropriate engineering controls

Process isolation, local exhaust, or air to adjust to levels below the exposure guidelines go for the other engineering controls.
During operation of dust, fume or mist occurs, the air pollution please ventilation to maintain exposures below occupational limits
Store or use this material, washing facilities and safety shower facility below to install.

C. Individual protection measures Respiratory protection

Under conditions of frequent use or heavy exposure, respiratory protection may be needed
Respiratory protection is ranked in order from minimum to maximum.
Keep Consider warning properties before use.
Respirator (direct type small, organic gas)
Any chemical cartridge respirator (full facepiece and an organic vapor canister)
Any air-purifying respirator (full facepiece and an organic vapor canister)
For Unknown Concentrations or Immediately Dangerous to Life or Health if:
Any supplied-air respirator (compound airline mask), air respirator with a full facepiece

Eye/face protection

Protection from non-hazardous liquid products or Wear safety glasses.
Wash facilities and emergency workshop near three facilities (shower type) Keep installed.

Hand protection

Wear appropriate chemical resistant gloves.

Skin protection

Wear appropriate chemical resistant clothing.

SECTION 9: Physical and chemical properties

A. Appearance

Physical state
color

Liquid
Slightly - yellowsh clear

B. Odour

No data

D. pH

No data

E. Boiling point

No data

F. Melting point

No data

G. Freezing point

No data

H. Flash point

No data

I. SP.Gr

No data

J. Viscosity

No data

K. Viper density

No data

L. Viper pressure

No data

M. Solubility

No data

N. Explotion limits in air

No data

SECTION 10: Stability and reactivity

A. Stability & hazardous reaction potential	Stable under recommended storage and handling Does not cause harmful polymerization reactions
B. Condition to avoid	Avoid conditions such as incompatible substances and ignition sources.
C. Incompatible materials	No data
D. Hazardous decomposition products	No data

SECTION 11: Toxicological information

*Information on likely route of exposure

Mouth : No data
Eyes : Cause serious eye irritation
Skin : Cause skin irritation.

A. Information on healthy hazards

Acute oral toxicity

Dibutyl phthalate	LD50 6300 mg/kg Rat
Titanium dioxide	LD50 > 10000 mg/kg Rat
Triethyleneglycol	LD50 17000 mg/kg Rat
Water	LD50 90000 mg/kg Rat (LD50 > 90 ml/kg (Rat))
Caster oil	No data

Transcutaneous

Dibutyl phthalate	LD50 > 20000 mg/kg Rabbit
Titanium dioxide	LD50 > 10000 mg/kg Rat
Triethyleneglycol	LD50 > 5000 mg/kg Rat
Water	No data
Caster oil	No data

Inhalation

Dibutyl phthalate	LC50 > 15.68 mg/ℓ Rat
Titanium dioxide	LC50 > 6.82 mg/ℓ 4 hr Rat
Triethyleneglycol	No data
Water	No data
Caster oil	No data

Skin corrosion or irritation

Dibutyl phthalate	Non-irritating
Titanium dioxide	Skin irritation test results in rabbits indicate mild or no irritation.
Triethyleneglycol	Rabbit/light stimulation
Water	Not applicable
Caster oil	Causes irritation to human skin. The rabbit showed moderate to high stimulation in the STANDARD DRAIZE TEST. Show weak stimulation in the human STANDARD DRAIZE TEST.

Severe eye damage or injury

Dibutyl phthalate	Non-irritating (rabbit)
Titanium dioxide	Eye irritation test results in rabbits: approx.
Triethyleneglycol	Rabbit Sir Stimulation
Water	Not applicable
Caster oil	Causes irritation to human eyes. - Weak stimulation in the rabbit's STANDARD DRAIZE TEST.

Respiratory sensitization

Dibutyl phthalate	No data
Titanium dioxide	No data
Triethyleneglycol	No data
Water	Not applicable
Caster oil	No data

Skin Sensitivity

Dibutyl phthalate	Hypersensitivity reactions have been reported in humans.
Titanium dioxide	Patch test results in humans
Triethyleneglycol	Human/non-sensitizing
Water	Not applicable
Caster oil	No data

Carcinogenicity

Dibutyl phthalate	No data
Titanium dioxide	No data
Triethyleneglycol	No data
Water	No data
Caster oil	No data

IARC	No data
OSHA	No data
ACGIH	No data
NTP	No data
EU CLP	No data

SECTION 12: Ecological information

A. Aquatic/terrarium toxicity

Fishes

Dibutyl phthalate	LC50 0.46 mg/ l 96 hr
Titanium dioxide	No data
Triethyleneglycol	LC50 > 10000 mg/ l 96 hr <i>Lepomis macrochirus</i>
Water	No data
Caster oil	No data

Crustacea

Dibutyl phthalate	EC50 2.99 mg/ l 48 hr
Titanium dioxide	EC50 > 1000 mg/ l 48 h
Triethyleneglycol	LC50 46500 mg/ l 48 hr <i>Daphnia magn</i>
Water	No data
Caster oil	No data

Birds

Dibutyl phthalate	No data
Titanium dioxide	No data
Triethyleneglycol	No data
Water	No data
Caster oil	No data

B. Persistence and degradability No data

C. Bioaccumulative potential Accumulative potential

Bioaccumulative

Dibutyl phthalate	BCF 176
Titanium dioxide	No data
Triethyleneglycol	BCF 1700
Water	No data
Caster oil	No data

D. Condensibility

Biodegradable	No data
Dibutyl phthalate	No data
Titanium dioxide	No data
Triethyleneglycol	Not applicable
Water	No data
Caster oil	No data

E. Biodegradability

Dibutyl phthalate	69(%)
Titanium dioxide	No data
Triethyleneglycol	95(%) 14days
Water	No data
Caster oil	No data

F. Mobility in soil

Dibutyl phthalate	No data
Titanium dioxide	No data
Triethyleneglycol	No data
Water	No data
Caster oil	No data

G. Other adverse effect

Dibutyl phthalate	No data
Titanium dioxide	No data
Triethyleneglycol	Very toxic to aquatic life
Water	No data
Caster oil	No data

SECTION 13: Disposal considerations

Waste Disposal: Dispose in accordance with federal, state and local regulations.

The generation of waste should be avoided or minimized wherever possible. Empty containers should be taken to an approved waste-handling site for recycling or disposal. Incineration or landfill should only be considered when recycling is not feasible. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues.

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Disposal Considerations

Operators to discharge industrial waste (industrial waste emitters) in the workplace Themselves or waste treatment, waste disposal contractor, and others who regeneration of waste, waste treatment facilities, person who establish and operate should be handled.

SECTION 14: Transport information

A. UN number	Not dangerous goods
B. UN Proper shipping name	Not dangerous goods
C. Transport hazard class	Not dangerous goods
D. Packing group	Not dangerous goods
E. Environmental hazards	Not dangerous goods
F. Specific precautions for user related transport	No special precautions or requirements for transport
In case of fire emergency	
Emergency spill	

SECTION 15: Regulatory information

A. National and/or international regulatory information

POPs Management Law	Not applicable
U.S. Federal regulations	
OSHA PROCESS SAFETY	Not applicable
CERCLA Section 103	Not applicable
EPCRA Section 302	Not applicable
EPCRA Section 304	Not applicable
EPCRA Section 313	Not applicable
Rotterdam Convention listed ingredients	Not applicable
Stockholm Convention listed ingredients	Not applicable
Montreal Protocol listed ingredients	Not applicable
Information of EU Classification(Classification)	Not applicable

SECTION 16: Other information

A. The source of data

-The information contained herein is believed to be accurate. It is provided independently of any sale of the product for purpose of hazardcommunication. It is not intended to constitute performance information concerning the product. No express warranty, or implied warranty of merchantability or fitness for a particular purpose is made with respect to the product or the information contained herein.
- This Safety Data Sheet was compiled with data and information from the following sources: OSHA, NITE, ESIS, NLM, SIDS, IPCS

Hazardous Material Information System (HMIS):

Scale 0-4 NFPA HMIS

4=Severe Hazard

3=Serious Hazard

2=Moderate Hazard

1=Slight Hazard

0=Minimal Hazard

Health : 2

Flammability : 1

Reactivity : 0

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.