

### 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 Hardener PART B

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	Carcinogenicity: Category 2
Environmental hazards	Acute aquatic environment hazard: Category 4

##### 2.2 Label elements

GHS label elements, including  
precautionary statements  
Hazard symbols

:



Signal words  
Hazard statements

Warning  
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.

# Ultra krete SL Hardener PART B



## Material Safety Data Sheet

Precautionary statements Prevent	P201 Obtain instruction manual before use. P202 Do not handle until all safety precautions have been read and understood. P264 Wash handled area thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P273 Avoid release to the environment.
Response	P280 Wear (protective gloves, protective clothing, safety glasses, face protection). P281 Wear appropriate personal protective equipment. P302+P352 If it gets on your skin, wash with plenty of soap and water. P305+P351+P338 If in eyes,Rinse cautiously with water for several minutes. Remove contact lense,if present and easy to do. Continue rinsing. P307+P311 If exposed, call a medical institution or doctor. P308+P313 If exposed or concerned, get medical advice/attention. P312 If you feel unwell, consult a medical institution (doctor). P314 If you feel unwell, seek medical advice/attention. P332+P313 If skin irritation occurs: Get medical advice/attention. P333+P313 If skin irritation or erythema occurs, seek medical advice/attention. P337+P313 If eye irritation persists: Get medical advice/attention. P362 Take off contaminated clothing and wash before reuse. P363 Wash contaminated clothing before reuse. P391 Collect spillage.
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 (%)
DIPHENYLMETHANE DIISOCYANATE	METHYLENEDIPHENYL DIISOCYANATE	26447-40-5	80-100

### SECTION 4: First aid measures

General advice	Seek medical advice or medical attention if condition persists.
A. Eye contact	If required, provide artificial respiration. Please remove contact lenses, if present. continue rinsing. Get emergency medical attention
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.  
Be careful as it may melt and be transported.  
Please note that some may be transported at high temperatures.  
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.  
In case of tank fire, extinguish the fire from the maximum distance or use unmanned fire extinguishing equipment.  
In the event of a tank fire, cool the container with plenty of water even after the fire is extinguished.  
In the event of a tank fire, if there is a high-pitched sound from the pressure relief device or if the tank changes color, leave immediately.  
In case of tank fire, move away from the engulfed tank.  
In case of a large-scale tank fire, use unmanned fire extinguishing equipment and, if not possible, step aside and let it burn.

## 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

### 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

# Ultra krete SL Hardener PART B



## Material Safety Data Sheet

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

Composition	Domestic Provision	ACGIH Provision
No data	No data	No data

B. Appropriate engineering controls	<p>Process isolation, local exhaust, or air to adjust to levels below the exposure guidelines go for the other engineering controls.</p> <p>During operation of dust, fume or mist occurs, the air pollution please ventilation to maintain exposures below occupational limits</p> <p>Store or use this material, washing facilities and safety shower facility below to install.</p>
C. Individual protection measures Respiratory protection	<p>Under conditions of frequent use or heavy exposure, respiratory protection may be needed</p> <p>Respiratory protection is ranked in order from minimum to maximum. Keep Consider warning properties before use.</p> <p>Respirator (direct type small, organic gas)</p> <p>Any chemical cartridge respirator (full facepiece and an organic vapor canister)</p> <p>Any air-purifying respirator (full facepiece and an organic vapor canister)</p> <p>For Unknown Concentrations or Immediately Dangerous to Life or Health if:</p> <p>Any supplied-air respirator (compound airline mask), air respirator with a full facepiece</p>
Eye/face protection	<p>Protection from non-hazardous liquid products or Wear safety glasses.</p> <p>Wash facilities and emergency workshop near three facilities (shower type) Keep installed.</p>
Hand protection	<p>Wear appropriate chemical resistant gloves.</p>
Skin protection	<p>Wear appropriate chemical resistant clothing.</p>

### SECTION 9: Physical and chemical properties

A. Appearance Physical state color	<p>Liquid</p> <p>Slightly - yellowsh clear</p>
B. Odour	<p>No data</p>
D. pH	<p>Not applicable</p>
E. Boiling point	<p>No data</p>
F. Melting point	<p>Not applicable</p>
G. Freezing point	<p>No data</p>
H. Flash point	<p>No data</p>
I. SP.Gr	<p>No data</p>
J. Viscosity	<p>No data</p>
K. Viper density	<p>No data</p>
L. Viper pressure	<p>No data</p>
M. Solubility	<p>Not applicable</p>
N. Explotion limits in air	<p>0.0201 mg/ ℓ</p> <p>No data</p>

### SECTION 10: Stability and reactivity

A. Stability & hazardous reaction potential	<p>May decompose at high temperatures and produce toxic gases.</p> <p>Containers may explode when heated.</p> <p>Some may burn but do not ignite easily.</p> <p>Non-flammable, the material itself does not burn, but may decompose when heated, generating corrosive/toxic fumes.</p>
B. Condition to avoid	<p>Heat, sparks, flames, etc.</p>
C. Incompatible materials	<p>Combustible substances, reducible substances</p>
D. Hazardous decomposition products	<p>During burning, irritating and highly toxic gases may be produced by thermal decomposition or combustion.</p> <p>Corrosive/toxic fumes</p> <p>Irritating, toxic gas</p>

### SECTION 11: Toxicological information

*Information on likely route of exposure	Potentially fatal if inhaled, irritation, allergic reaction, nausea, vomiting, stomach pain, difficulty breathing, headache, Pain, sleep disorders, emotional changes, loss of coordination (function), pulmonary congestion, allergic reaction, abnormal lung irritation, allergic reaction
Information on healthy hazards	
Acute toxicity	Oral : LD50 > 2000 mg/kg Rat Dermal : LD50 > 6200 mg/kg Rat Inhaled : dust LC50 0.369 mg/kg 4 hr Rat
Skin corrosion or irritation	(EU Directive 67/548). rabbit/slightly irritating (IUCLID)
Severe eye damage or injury	(EU Directive 67/548/EEC) rabbit / slightly irritating Rabbit/mild irritation (IUCLID)
Skin corrosion or irritation	No data
Inhalation	No data
Transcutaneous	No data
Respiratory sensitization	No data
Skin Sensitivity	No data
Carcinogenicity	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	LC50 > 1000 mg/ l 96 hr Brachydanio rerio
Crustacea	EC50 129.7 mg/ l 24 hr Daphnia ma
Birds	No data
B. Persistence and degradability	No data
C. Bioaccumulative potential Accumulative potential	
Bioaccumulative	BCF 3 ~14
Biodegradability	0 (%) 28 day
D. Mobility in soil	No data
E. Other adverse effect	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 ofmerchantability 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 : 1

*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.*