UltraEpoxy

CERAMIC PRIMER I UCP 211B PART B

MATERIAL SAFETY DATA SHEET

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

1.1 Product identifier

Product name. Ceramic Primer UCP 211B

1.2 Recommended use and restriction on use Floor Coating

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	Flammable liquids : 3
Health hazards	Acute toxicity(dermal) : 3 Skin corrosion/irritation :2 Serious eye damage/eye irritation : 2 Skin sensitization : 1
Environmental hazards	Hazardous to the aqutic environment : 2

2.2 Label elements

GHS label elements, including precautionary statements
Hazard symbols :

Signal words Danger
Hazard statements
H225 Highly flammable liquid and vapour
H305 May be harmful if swallowed and enters airways
H315 Causes skin irritation
H319 Causes serious eye irritation
H335 May cause respiratory irritation.
H372 Causes damage to organs through prolonged or repeated exposure
H411 Toxic to aquatic life with long lasting effects

Precautionary statements Prevent	P201 Obtain special instruction before use. P210 Keep away from heat/spark/hot surface No smoking P273 Avoid release to the environment. P280 Wear protective gloves.clothings,eye/face protection. P264 Wash throughly after handling. P270 Do not eat ,drink,or smoke when using this products.
Response	P332+P313 If skin irritation occurs:Get medical advice P305+P351+P338 Ifineyes,Rinse cautiously with water for several minutes. Remove contact lense,if present and easy to do. Continue rinsing. P333+P313 If skin irritation occurs.: Get medical advice/ attention. P362 Take off contaminated clothing and wash before reuses. P331 Do not induce vomiting.
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 (%)
Fatty acids, (C=18)-unsatd., dimers polymers with tall oil fatty acids and triethylenetetramine	-	68082-29-1	30-40
Xylene	Dimethylbenzene	130-20-7	25-35
2-Propanol	Isopropyl alcohol	67-63-0	15-20
2,4,6-Tris[(dimethylamino) methyl]phenol	-	90-72-2	10-15

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. conntinue 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
C. Inhalation	Remove contaminated clothing and shoes, and isolate the contaminated area please 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	 Water spray,Dry powder,Carbon-dioxide,Foam. Do not use water jet as an extinguisher,as this will spread the fire.
B. Specific hazards arising from the chemical	In case of fire toxic rumes might be formed. Heat,spark,fire can explosive
C. Fire-fighting equipment/ instruction	Fire-fighter must standard protective equip,ent including flame retardant coat, helmet, with face shield,g;oves, rubber boots,& in enclosed spaces,SCBA. Withdraw immediately in case of rising sound from venting safety device or any discoloration of tanks due to fire. Move containers from dire area if you can do so without risk. For massive fire in cargo area,use unmanned hose holder or monitor nozzle,if possible. If not,withdraw and let fire burn out. Some of these materials, if spilled,may evaporate leaving a flammableresidue. Cool containers exposed to flames with water until well after the fire is out.

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. Evironmental 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

Fatty acids, (C=18)-unsatd., dimers polymers with tall oil fatty acids and triethylenetetramine

Xylene

2-Propanol

2,4,6-Tris[(dimethylamino) methyl]phenol

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

Do not use damaged containers.
Check periodically for leaks.
Do not apply heat directly.
Keep away from heat, sparks, open flames and high temperatures - No smoking, no fire, please collect in an airtight container.
Be aware of substances and conditions to avoid.
Store away from water supplies and sewers.
Store container tightly closed in a well-ventilated place.
Store in a well-ventilated place and keep at low temperature.
Avoid static electricity and store away from heat sources such as boilers or combustibles.

SECTION 8: Exposure controls/personal protection

A.Exposures limit value,biological limit value etc

Composition	Domestic Provision	ACGIH Provision
Fatty acids, (C=18)-unsatd., dimers polymers with tall oil fatty acids and triethylenetetramine	No data	No data
Xylene	TWA : 100 ppm, STEL : 150 ppm	TWA : 100 ppm, STEL : 150 ppm
2-Propanol	TWA : 200 ppm, STEL : 400 ppm	TWA : 200 ppm, STEL : 400 ppm
2,4,6-Tris[(dimethylamino) methyl]phenol	No data	No data

B. Approriate 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	Liquid
color	Slightly - yellowsh clear
B. Odour	Not available
D. pH	Not available
E. Boiling point	Not available
F. Melting point	Not available
G. Freezing point	Not available
H. Flash point	> 31 ℃ (87 °F)
I. SP.Gr	Not available
J. Viscosity	Not available
K. Viper density	Not available
L. Viper pressure	Not available
M. Solubility	Not available
N. Explotion limits in air	Not available

SECTION 10: Stability and reactivity

A. Stability & hazardous reaction potential	Stability : Stable under normal temperature conditions Hazardous reaction potential : Hazardous polymerization does not occur
B. Condition to avoid	Heat, flame and sparks
C. Incompatible materials	Flammable material, strong oxidizing agent, acid, amine

D. Hazardous decomposition products	Toxic gas,fume, carbon dioxide.

SECTION 11: Toxicological information

*Information on likely route of exposure	Mouth : Maybe fatal if swallowed and enter air ways Eyes : Cause serious eye irritation Skin : Cause skin irritayion. Frequent or prolonged contact may defat and dry the skin,leading to discomfort and dermatitis.

A. Information on healthy hazards

Acute oral toxicity

Fatty acids, (C=18)-unsatd., dimers polymers with tall oil fatty acids and triethylenetetramine	No data
Xylene	LD50=3550 mg/kg rat
2-Propanol	LD50 5840 ㎎/㎏ Rat (OECD TG 401)
2,4,6-Tris[(dimethylamino) methyl]phenol	LD50 : 2,169 mg/kg (Rat).

Transcutaneous

Fatty acids, (C=18)-unsatd., dimers polymers with tall oil fatty acids and triethylenetetramine	No data
Xylene	1590mg/kg(mouse)
2-Propanol	No data
2,4,6-Tris[(dimethylamino) methyl]phenol	No data

Inhalation

Fatty acids, (C=18)-unsatd., dimers polymers with tall oil fatty acids and triethylenetetramine	No data
Xylene	LC50 = 10 ~ 20 mg/L/4hr
2-Propanol	LC50> 10000 ppm 6 hr Rat (OECE)
2,4,6-Tris[(dimethylamino) methyl]phenol	No data

SECTION 12: Ecological information

A. Aquatic/terrarium toxicity

Fishes

Fatty acids, (C=18)-unsatd., dimers polymers with tall oil fatty acids and triethylenetetramine	No data
Xylene	No data
2-Propanol	LC50 9640 ㎎/ℓ 96 hr Pimephales promelas
2,4,6-Tris[(dimethylamino) methyl]phenol	LC50 = 175 ㎎/ℓ 96 hr Carp

Crustacea

Fatty acids, (C=18)-unsatd., dimers polymers with tall oil fatty acids and triethylenetetramine	No data
Xylene	No data
2-Propanol	LC50 5102 ㎎/ℓ 24 hr Daphnia magna
2,4,6-Tris[(dimethylamino) methyl]phenol	EC100 = 1,000 ㎎/ℓ 96 hr Mud crap

Birds

Fatty acids, (C=18)-unsatd., dimers polymers with tall oil fatty acids and triethylenetetramine	No data
Xylene	No data
2-Propanol	EC50 2.2 ㎎/ℓ 96 hr
2,4,6-Tris[(dimethylamino) methyl]phenol	No data

B. Persistence and degradability

Persistence

Fatty acids, (C=18)-unsatd., dimers polymers with tall oil fatty acids and triethylenetetramine	No data
Xylene	No data
2-Propanol	No data
2,4,6-Tris[(dimethylamino) methyl]phenol	No data

Degradability

C. Bioaccumulative potential Accumulative potential

D. Condensibility

Fatty acids, (C=18)-unsatd., dimers polymers with tall oil fatty acids and triethylenetetramine	No data
Xylene	No data
2-Propanol	No data
2,4,6-Tris[(dimethylamino) methyl]phenol	No data

E. Biodegradibility

Fatty acids, (C=18)-unsatd., dimers polymers with tall oil fatty acids and triethylenetetramine	No data
Xylene	No data
2-Propanol	No data
2,4,6-Tris[(dimethylamino) methyl]phenol	No data

F. Mobility in soil

Fatty acids, (C=18)-unsatd., dimers polymers with tall oil fatty acids and triethylenetetramine	No data
Xylene	No data
2-Propanol	log koc=0.03
2,4,6-Tris[(dimethylamino) methyl]phenol	No data

G. Other adverse effect No data

SECTION 13: Disposal considerations

A. Disposal methods	Waste is a mixture of two or more is specified, the process is difficult to separate In case of incineration or similar may be stabilized reduction Detachable water separation leading the way will be pre-treated Will be incinerated Keep high-temperature incineration. Substances such as organic solvents, recycling and recovery of the high-temperature incineration residues Keep
B. 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	1263
B. UN Proper shipping name	PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base)
C. Transport hazard class	Class 3
D. Packing group	3
E. Environmental hazards	Not available
In case of fire emergency	F - E
Emergency spill	S - E

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

Information of EU Classification(Risk Phrases)

R36/38 Irritating to eyes and skin.
R43 May cause sensitization by skin contact.
R51/53 Toxic to aquatic life, long lasting in the aquatic environment
May cause adverse effects.

Information of EU Classification(Safety Phrase)

S2 Keep out of reach of children.
S24/25 Avoid contact with skin and eyes.
S37/39 Wear suitable protective gloves and eye/face protection
S61 Avoid release to the environment.
Refer to environment-related laws and health data

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	Health : 3
3=Serious Hazard	Flammability : 3
2=Moderate Hazard	Reactivity : 0
1=Slight Hazard	
0=Minimal Hazard	

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.