1. Identification

Product identifier: Rapid Set TXP Epoxy Primer Part B

Other means of identification

Product code: 184040000

Recommended use: Industrial use.

Recommended restrictions: Appropriate training in the proper use and handling of this material should be provided as required under applicable regulations.

Manufacturer/Importer/Supplier/Distributor information

Company name: CTS Cement Manufacturing Corporation

Address: 11065 Knott Ave Suite A

Cypress, CA 90630

United States

Telephone: 1-800-929-3030

E-mail: info@ctscement.com

Contact person: Safety Officer

Emergency telephone number: 1-800-929-3030 (8 AM - 5 PM)

2. Hazard(s) identification

Physical hazards: Not classified.

Health Hazards

Acute toxicity: Oral Category 4

Dermal Category 4

Skin Corrosion: Category 1B

Skin Sensitizer: Category 1

Flammable liquid: Category 3

Aspiration toxicant: Category 1

OSHA defined hazards

Label elements: Not classified.

Signal word: Danger

Hazard statement: Flammable liquid and vapor. Harmful if swallowed or in contact with skin. May be fatal if swallowed and enters airways. Causes severe skin burns and eye damage. May cause an allergic skin reaction.

Precautionary statement

Prevention: Keep away from heat/sparks/open flames/hot surfaces. No Smoking. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid breathing dust / fume / mist / vapors / spray. Wear protective gloves/protective clothing/eye protection/face protection. Do not eat, drink or smoke when using this product. Wash thoroughly after handling.

Response: If exposed or concerned: Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a Poison Center or doctor/physician. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse. If swallowed: rinse mouth. Do NOT induce vomiting. Call a poison center or doctor/physician if you feel unwell. If inhaled: remove victim to fresh air and keep at rest in a position comfortable for breathing.
3. Composition/information on ingredients

Mixtures

Description: Mixture of substances listed below with nonhazardous additions

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isophoronediamine (IPD)</td>
<td>2855-13-2</td>
<td>50-80</td>
</tr>
<tr>
<td>Naphtha (Petroleum), Hydrotreated Heavy</td>
<td>64742-48-9</td>
<td>20-40</td>
</tr>
<tr>
<td>Tris-2,4,6-(dimethylaminomethyl)phenol</td>
<td>90-72-2</td>
<td>&lt; 10</td>
</tr>
</tbody>
</table>

4. First-aid measures

Inhalation                                             Supply fresh air; consult doctor in case of complaints.

Skin contact                                             Immediately remove contaminated clothing, and any extraneous chemical, if possible to do so
                                                         without delay. Take off contaminated clothing and shoes immediately.

Eye contact                                                Rinse immediately with plenty of water for at least 15 minutes. If symptoms persist, consult a
doctor.

Ingestion                                                Never give anything by mouth to an unconscious person. Prevent aspiration of vomit. Turn victim's
                                                         head to the side. Do not Induce vomiting; call for medical help immediately.

Most important symptoms/effects, acute and delayed      Repeated and/or prolonged exposures to low concentrations of vapors or aerosols may cause:
sore throat, asthma, eye disease, kidney disorders, liver disorders, skin disorders and allergies.

Indication of immediate medical attention and special
treatment needed                                      NOTE TO PHYSICIANS: Application of corticosteroid cream has been effective in treating skin
                                                         irritation.

General information                                     Seek medical advice. If breathing has stopped or is labored, give assisted respirations.
                                                         Supplemental oxygen may be indicated. If the heart has stopped, trained personnel should begin
cardiopulmonary resuscitation immediately.

5. Fire-fighting measures

Suitable extinguishing media                            Foam. Dry chemical powder. Carbon dioxide (CO₂).

Specific hazards arising from the substance or mixture:  May generate ammonia gas. May generate toxic nitrogen oxide gases. Burning produces noxious
                                                         and toxic fumes. Downwind personnel must be evacuated.
Special protective equipment and precautions for firefighters

Wear self-contained respiratory protective device. Wear fully protective suit.

Additional Information

Cool endangered receptacles with water fog or haze. Eliminate all ignition sources if safe to do so.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Use respiratory protective device against the effects of fumes/dust/aerosol. Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation. Keep away from ignition sources.

Methods and materials for containment and cleaning up

Send for recovery or disposal in suitable receptacles. Ensure adequate ventilation. Dispose contaminated material as waste according to section 13 of the SDS.

Environmental precautions

Do not allow to enter sewers/surface or ground water. Inform respective authorities in case of seepage into water course or sewage system. Prevent from spreading (e.g. by damming-in or oil barriers).

7. Handling and storage

Precautions for safe handling

Use only in well-ventilated areas. Store in a cool, dry place in tightly closed receptacles (60-80°F recommended).

Conditions for safe storage, including any incompatibilities

Use only receptacles specifically permitted for this substance/product. Keep container tightly sealed. Store in an area with adequate ventilation. Store away from extreme heat, ignition sources, open flame, or incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Control Parameters

Exposure Limits:

No data available for the mixture itself.

Appropriate engineering controls

Provide readily accessible eye wash stations and safety showers. Provide ventilation adequate to ensure concentrations are minimized.

Individual protection measures, such as personal protective equipment

Eye/face protection

Face shield with safety glasses or goggles underneath. Contact lenses should not be worn.

Skin protection

Protective work clothing. Where potential exposure warrants, rubber or plastic boots and chemically resistant protective suit.

Hand protection

Protective, impervious gloves. (Neoprene, PVC, Nitrile rubber). The glove material has to be impermeable and resistant to the product / the substance / the preparation. Selection of the glove material based on consideration of the penetration times, rates of diffusion and the degradation.

Respiratory protection

Not required under normal conditions of use. Use suitable respiratory protective device in case of insufficient ventilation. For spills, respiratory protection may be advisable. Use respiratory protection when grinding or cutting material.

General hygiene considerations

Keep away from food, beverages and feed. Wash hands before breaks and at the end of work. Immediately remove all soiled and contaminated clothing. Do not inhale gases / fumes / aerosols. Avoid contact with the eyes and skin.
9. Physical and chemical properties

Appearance
Form: Liquid
Color: Light straw
Odor: Amine
Odor threshold: Not available
pH: Alkaline
Melting point/freezing point: Not available
Initial boiling point and boiling range: > 350°F / > 176°C

Flash point: > 136°F / > 58°C
Evaporation rate: Not available
Flammability (solid, gas): Not applicable
Upper/lower flammability or explosive limits
Flammability limit - lower (%): Not available
Flammability limit - upper (%): Not available
Vapor pressure: Not available
Vapor density: Not available
Relative density: 0.86 @ 20°C
Solubility(ies)
Solubility (water): Slightly soluble
Partition coefficient (n-octanol/water): Not available
Auto-ignition temperature: Not available
Decomposition temperature: Not available
Viscosity: 10-25 cps

10. Stability and reactivity
Reactivity
Chemical stability
Possibility of hazardous reactions
Thermal Decomposition
No decomposition if used and stored according to specifications.
Conditions to avoid
Avoid contact with strong oxidizing agents, excessive heat or flames.
Incompatible materials
Strong acids, bases and oxidizing agents.
Hazardous Decomposition products
Nitric acid, Ammonia, Nitrogen oxides (NOx), Nitrogen oxide can react with water vapors to form corrosive nitric acid, Carbon monoxide, Carbon dioxide (CO₂), Aldehydes, Flammable hydrocarbon fragments.

11. Toxicological information
Information on likely routes of exposure
Inhalation
Inhalation of aerosol may cause irritation to the upper respiratory tract. Can cause severe eye, skin and respiratory tract burns. May cause nose, throat, and lung irritation. Inhalation of vapors and/or aerosols in high concentration may cause irritation of respiratory system.

Skin contact
Harmful in contact with skin. Causes skin burns. Symptoms of overexposure may be headache,
dizziness, tiredness, nausea and vomiting.

Eye contact
Causes eye burns. May cause blindness. Severe eye irritation.

Ingestion
Harmful if swallowed. If ingested, severe burns of the mouth and throat, as well as a danger of perforation of the esophagus and the stomach.

Symptoms related to the physical, chemical and toxicological characteristics
Repeated and/or prolonged exposure to low concentrations of vapors and/or aerosols may cause: sore throat, eye disease, skin disorders and allergies, adverse skin effects (such as rash, irritation or corrosion), adverse eye effects (such as conjunctivitis or corneal damage), asthma, and adverse respiratory effects (such as cough, tightness of chest or shortness of breath).

Delayed and immediate effects as well as chronic effects from short and long-term exposure
This product contains no listed carcinogens according to IARC, ACGIH, NTP and/or OSHA in concentrations of 0.1 percent or greater. May cause allergic skin reaction. This product may cause adverse reproductive effects, eye disease, skin disorders and allergies.

Numerical measures of toxicity
No data available for mixture.

12. Ecological information
(Data for component: Tris-2,4,6-(dimethylaminomethyl)phenol)

Aquatic Toxicity

<table>
<thead>
<tr>
<th></th>
<th>Species</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Fish</td>
<td>24hr-LC50 = 222 mg/l</td>
<td>Rainbow trout (Oncorhynchus mykiss).</td>
<td></td>
</tr>
<tr>
<td></td>
<td>96hr-LC100 = 240 mg/l</td>
<td>Rainbow trout (Oncorhynchus mykiss).</td>
<td></td>
</tr>
<tr>
<td></td>
<td>96hr-LC0 = 180 mg/l</td>
<td>Rainbow trout (Oncorhynchus mykiss).</td>
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</tr>
<tr>
<td></td>
<td>24hr-LC50 = 249 mg/l</td>
<td>Carp (Cyprinus carpio).</td>
<td></td>
</tr>
<tr>
<td></td>
<td>96hr-LC50 = 175 mg/l</td>
<td>Carp (Cyprinus carpio).</td>
<td></td>
</tr>
<tr>
<td>Crustacea</td>
<td>96hr-EC50 = 718 mg/l</td>
<td>Grass shrimp (Palaeomonetes).</td>
<td></td>
</tr>
<tr>
<td></td>
<td>96hr-EC100 = 1,000 mg/l</td>
<td>Mud crab (Neopanope).</td>
<td></td>
</tr>
<tr>
<td></td>
<td>96hr-EC0 = 750 mg/l</td>
<td>Mud crab (Neopanope).</td>
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<tr>
<td>Aquatic Plant</td>
<td>72hr-EC50 = 84 mg/l</td>
<td>Scenedesmus subspicatus</td>
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<tr>
<td></td>
<td>72hr-NOEC = 6.25 mg/l</td>
<td>Scenedesmus subspicatus</td>
<td></td>
</tr>
</tbody>
</table>

Persistence and degradability
No data is available.

Bioaccumulative potential
No data available on the product itself.

Mobility in soil
No data available.

Other adverse effects
No further relevant information available.

13. Disposal considerations
Waste from residues / unused products
This product should not be allowed to enter drains, water courses or the soil. Dispose of this material in a safe manner and in accordance with federal, state and local regulations.

Contaminated packaging
Disposal must be made in accordance with official federal, state and local regulations.

14. Transport information

DOT

<table>
<thead>
<tr>
<th>UN number:</th>
<th>UN2735</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proper Shipping Name:</td>
<td>Amines, Liquid, Corrosive, n.o.s., (Isophoronediamine, Tris-2,4,6-(dimethylaminomethyl)phenol)</td>
</tr>
<tr>
<td>Hazard Class:</td>
<td>8</td>
</tr>
<tr>
<td>Packing Group:</td>
<td>III</td>
</tr>
<tr>
<td>Labels(s):</td>
<td>8</td>
</tr>
<tr>
<td>Marine Pollutant:</td>
<td>No</td>
</tr>
</tbody>
</table>
Footnote: The flash point of this material is greater than 100 F. Regulatory classification of this material varies. DOT: combustible liquid. OSHA: Combustible liquid. IATA/IMO: Flammable liquid. This material is not regulated under 49 CFR in a container of 119 gallon capacity or less when transported solely by land, as long as the material is not a hazardous waste, a marine pollutant, or specifically listed as a hazardous substance.

IATA
UN number: UN2924
Proper Shipping Name: Flammable liquid, corrosive, n.o.s., (Petroleum Distillates, Isophoronediamine)
Hazard Class: 3 (8)
Packing Group: III
Labels(s): 3, 8
Marine Pollutant: No

IMDG
UN number: UN2924
Proper Shipping Name: Flammable liquid, corrosive, n.o.s., (Petroleum Distillates, Isophoronediamine)
Hazard Class: 3 (8)
Packing Group: III
Labels(s): 3, 8
Marine Pollutant: No

15. Regulatory information

US federal regulations
TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Toxic Substance Control Act (TSCA) 12(b) Component(s): None

<table>
<thead>
<tr>
<th>Country</th>
<th>Regulatory list</th>
<th>Notification</th>
</tr>
</thead>
<tbody>
<tr>
<td>USA</td>
<td>TSCA</td>
<td>Included on Inventory.</td>
</tr>
<tr>
<td>EU</td>
<td>EINECS</td>
<td>Included on EINECS inventory or polymer substance, monomers included on EINECS inventory or no longer polymer.</td>
</tr>
<tr>
<td>Canada</td>
<td>DSL</td>
<td>Included on Inventory.</td>
</tr>
<tr>
<td>Australia</td>
<td>AICS</td>
<td>Included on Inventory.</td>
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<tr>
<td>Japan</td>
<td>ENCS</td>
<td>Included on Inventory.</td>
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<tr>
<td>South Korea</td>
<td>ECL</td>
<td>Included on Inventory.</td>
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<tr>
<td>China</td>
<td>SEPA</td>
<td>Included on Inventory.</td>
</tr>
<tr>
<td>Philippines</td>
<td>PICCS</td>
<td>Included on Inventory.</td>
</tr>
</tbody>
</table>

SARA 355 Extremely hazardous substance
None of the ingredients is listed

SARA 313 (TRI reporting)
Component(s) above ‘de minimus’ level: None

TSCA (Toxic Substances Control Act)
All the ingredients are listed.

US state regulations
US. California Proposition 65
US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT):
Chemicals known to cause cancer: None

Chemical Safety assessment: A Chemical Safety Assessment has not been carried out.

16. Other information, including date of preparation or last revision
Issue date 29-May-2015
Disclaimer  CTS Cement Manufacturing Corporation cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user’s responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.