



Safety Data Sheet

CS 25 WB

Revision date: July 31, 2015

Section 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name: CS 25 WB
Synonyms: None
Chemical family: Acrylic polymer that cures and seals exterior and interior fresh concrete
Producer: Premiere Concrete Admixtures
508 Cedar Street
Pioneer, Ohio 43554
www.premiereadmix.com

Telephone: 419-737-9808 Available during normal business hours

Emergency: CHEMTREC 800-424-9300 Available 24 hours

Section 2. HAZARDS IDENTIFICATION

GHS Hazard Classification and Label Elements

Signal Word: WARNING

- Skin Sensitization (*category 1*)
- Aquatic, acute (*category 3*)
- Aquatic, chronic (*category 3*)



Hazard Statements

- H317 May cause an allergic skin reaction
H402 Harmful to aquatic life
H412 Harmful to aquatic life with long lasting effects

Precautionary Statements

- P272 Contaminated work clothing should not be allowed out of the workplace.
P280 Wear protective gloves, protective clothing, eye and face protection (see Section 8)
IF ON SKIN: P302+P303+313+P321+332+P352+362+P364 take off contaminated clothing, wash skin and hair with plenty of water. If skin irritation occurs get medical advice/attention. Wash contaminated clothing before reuse.
P264 +P333+P313 Wash skin thoroughly after handling. If skin irritation occurs, get medical advice/attention.
P273 Avoid release to the environment if this is not the intended use.
P501 Dispose in accordance with state/ provincial, and local regulations.

Section 3. COMPOSITION / INFORMATION ON INGREDIENTS

Material information: (Does not include non-GHS regulated ingredients)

| Name | CAS No. | Weight % |
|---|-------------|----------|
| 1,2,4-Trimethylbenzene | 95-63-6 | <2* |
| Decanedioic acid, 1,10-bis(1,2,2,6,6-pentamethyl-4-piperidiny) ester | 41556-26-7 | <0.5* |
| Decanedioic acid, 1-methyl 10-(1,2,2,6,6-pentamethyl-4-piperidiny) ester | 82919-37-7 | <0.3* |
| Poly(oxy-1,2-ethanediyl), .alpha.-[3-[3-(2H-benzotriazol-2-yl-5- (1,1,-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl]-.omega.-hydroxy | 104810-47-1 | <0.3* |

***Note:** The above weight percentages are represented in ranges as estimates. Due to variation among production batches, component percentages may vary.

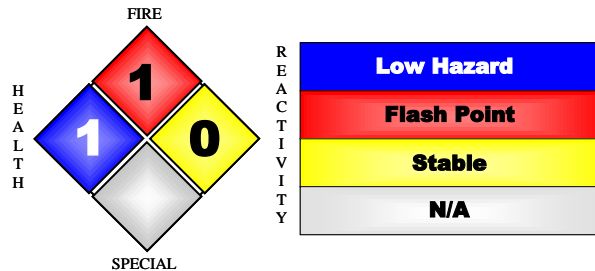
Section 4. FIRST AID MEASURES

- Inhalation:** Move exposed persons to fresh air. If the person is not breathing or breathing is irregular, provide artificial respiration or oxygen by trained personnel. Seek medical attention if you feel unwell.
- Skin contact:** Quickly remove contaminated clothing and shoes. Wash affected skin with soap and water. Wash contaminated clothing before reuse. If symptoms occur, seek medical attention.
- Ingestion:** Do not induce vomiting unless instructed to do so by a physician or poison control center. Never give anything by mouth to an unconscious person. If conscious and alert, rinse mouth, and then drink plenty of water. Call a physician or poison control center immediately.
- Eye contact:** Immediately flush eyes with plenty of water. Check for and remove any contact lenses. Continue flushing eyes with tepid water lifting upper and lower lids occasionally for 15 minutes. If irritation persists, seek medical attention.

Section 5. FIREFIGHTING MEASURES

- Suitable extinguishing media:** P370+P378 Use carbon dioxide, dry chemical, foam, or other agents approved for Class B fires. Do not use water jet.
- Specific hazards:** Incomplete combustion products: carbon monoxide, smoke.
- Special protective equipment for firefighters:** Wear self-contained breathing apparatus for firefighting if necessary.

| | NFPA rating: | HMIS rating: |
|-------------------------|--------------|--------------|
| Health: | 1 | 1* |
| Flammability: | 1 | 1 |
| Instability/reactivity: | 0 | 0 |
| Other: | N/A | B (PPE) |
| *Chronic health effects | | |



Section 6. ACCIDENTAL RELEASE MEASURES

- Personal Precautions:** Immediately contact emergency personnel. Evacuate any potentially affected area and isolate personnel from entry. Ensure adequate ventilation.
- Large Spill:** Personnel must have appropriate training, per Occupational Safety and Health Administration (OSHA) 29 CFR 1910.120. Prevent material from entering drains, surface water, sanitary sewers, etc., by the use of dikes, absorbent materials and booms.
- Methods for Containment and Clean up:** Avoid creating or breathing mist. Do not touch damaged containers or spilled material unless wearing appropriate protective equipment (Section 8). Contain the spilled material with dykes. Vacuum up spilled material or use absorbent media. Remove spilled material to storage for proper disposal.

Section 7. HANDLING AND STORAGE

- Handling:** Avoid breathing mist or vapors. Avoid all personal contact. Wash skin thoroughly after handling.
- Storage:** Keep container tightly closed. P235+P403 Store in a cool, dry, well-ventilated place away from direct sunlight. The shelf life is 1 year from date of manufacture in original unopened container.

Section 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits:

| Name | CAS No. | Exposure Limits TWA ^A | | |
|---|-------------|--|----------------------|---|
| | | ACGIH [®] TLV [®] | Federal OSHA PELs | Manufacturer's Exposure Limit ^B |
| Decanedioic acid, 1,10-bis(1,2,2,6,6-pentamethyl-4-piperidinyl) ester | 41556-26-7 | Not Est. | Not Est. | 1 mg/m ³ (inhalable) |
| Decanedioic acid, 1-methyl 10-(1,2,2,6,6-pentamethyl-4-piperidinyl) ester | 82919-37-7 | Not Est. | Not Est. | 1 mg/m ³ (inhalable) |
| Poly(oxy-1,2-ethanediyl), .alpha.-[3-[3-(2H-benzotriazol-2-yl-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl]-.omega.-hydroxy | 104810-47-1 | Not Est. | Not Est. | 1 mg/m ³ (inhalable) |
| 1,2,4-Trimethylbenzene | 95-63-6 | 25 ppm | Not Est. | Not Est. |

^A All exposure limits listed are 8-hour time weighted average (TWA) — except where noted otherwise.

^B The manufacturer of the ingredients listed has established their own exposure limits for these substances. This limit is expressed in milligrams per cubic meter of air (mg/m³), and applies only to the inhalable fraction of airborne particulate.

Engineering measures: Use local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below exposure limits.

PERSONAL PROTECTIVE EQUIPMENT

Respiratory protection: When engineering controls are not sufficient to reduce exposure to prevent irritation or other symptoms, seek professional advice prior to respirator selection and use. A properly fitted NIOSH/ MSHA-approved respirator is recommended.

Skin and body protection: Choose body protection to prevent all skin contact, according to the amount and concentration of liquid splash or skin contact created, as determined by a personal protective equipment (PPE) assessment.

Eye protection: Wear safety glasses with unperforated sideshields. Wear a face shield or splash goggles if determined by a PPE assessment.

Hygiene measures: Wash hands, forearms, and face before eating, drinking, smoking, using toilet facilities, or the end of the working period.

Other precautions: None

Section 9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---|------------------|
| Appearance: | White liquid |
| Physical state (solid/liquid/gas): | Liquid |
| Substance type (pure/mixture): | Emulsion Mixture |
| Color: | White |
| Odor: | Slight aromatic |
| Molecular weight: | Not available |
| pH: | None |
| Boiling point/range (5-95%): | >212 °F, >100 °C |
| Melting point/range: | Not applicable |
| Decomposition temperature: | Not available |
| Specific gravity: | 1.007 |

| | |
|---------------------------------------|-----------------------|
| Vapor density: | Not available |
| Vapor pressure: | Not available |
| Evaporation rate (Butyl acetate= 1) : | <1 (estimated) |
| Flash point, method used: | 115°F, °C (ASTM D-56) |
| Water solubility: | Soluble |
| VOC Content: | 169 gm/liter |
| Auto-ignition temperature: | Not available |
| Flammable limits in air — lower (%): | Not available |
| Flammable limits in air — upper (%): | Not available |

Section 10. STABILITY AND REACTIVITY

| | |
|-----------------------------------|--|
| Reactivity: | No data available |
| Stability: | The material is stable and not sensitive to mechanical impact. |
| Possibly hazardous reactions: | None, under normal conditions of storage and use |
| Conditions to avoid: | Avoid ignition sources (spark or flame). Do not pressure, weld, cut, braze, solder drill, grind, or expose containers to heat or ignition sources. |
| Incompatible Materials: | Strong oxidizing agents, nitric acid, sulfuric acid |
| Hazardous decomposition products: | Carbon monoxide, carbon dioxide (from combustion) |
| Polymerization: | Will not occur. |

Section 11. TOXICOLOGICAL INFORMATION

Acute toxicity:

Product information:

| Name | CAS No. | Inhalation: | Dermal: | Oral: |
|---|------------|--|---|---|
| Decanedioic acid, 1,10-bis(1,2,2,6,6-pentamethyl-4-piperidinyl) ester | 41556-26-7 | LC ₅₀ (Rat): >5,800 mg/kg, 14 days (OECD Guideline 403) | LD ₅₀ (Rat): >2,000 mg/kg (OECD Guideline 402) | LD ₅₀ (Rat): >5,000 mg/kg (OECD Guideline 401) |
| 1,2,4-Trimethyl benzene | 25551-13-7 | Aspiration Hazard: Category 1 | Rabbit, moderate irritant 24 hours, 500 milligrams | LD ₅₀ (Rat): 8,970 mg/kg |

Chronic toxicity: Assessment of repeated dose toxicity: may cause central nervous system effects.

Carcinogenicity: No data available.

Sensitization: May cause sensitization by skin contact. This product has not been tested as a whole mixture. The statement has been derived from properties of the individual components.

Section 12. ECOLOGICAL INFORMATION

| | |
|---------------------------------------|--|
| Ecotoxicity effects: | <u>1,2,4-Trimethylbenzene</u> LC ₅₀ – Palaemonetes pugio, (Crustaceans) 5,600 µg/liter – 48 hour <u>Tinuvin (stabilizer; <0.3% of the product content)</u> Very toxic to aquatic organisms. This product has not been tested as a whole, but this statement was derived from the properties of the individual components. |
| Bioaccumulative Potential: | <u>1,2,4-Trimethylbenzene</u> Low potential |
| Persistence and degradability: | Not readily biodegradable (by OECD criteria). This product has not been tested as a whole, but this statement was derived from the properties of the individual components. |
| Mobility in Soil: | No data available. |

Section 13. DISPOSAL CONSIDERATIONS

Disposal considerations: The generation of waste should be avoided or minimized whenever possible. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities. Recycle unused product and packaging if possible. P501 Dispose in accordance with state/provincial, and local regulations.

Section 14. TRANSPORT INFORMATION

Please refer to DOT regulation 49 CFR 172.101:

Transport information: This material is not regulated for transport.

Hazardous Materials Description:

UN/identification no.:

Proper shipping name:

Hazard class:

Packing group:

DOT reportable quantity (lbs.):

Marine Pollutant:

Section 15. REGULATORY INFORMATION

U.S. federal regulatory information:

State and community right-to-know regulations:

The following component(s) of this material are identified on the regulatory lists below:

U.S. TSCA Chemical inventory Section 8(b), AICS (Australia), DSL (Canada): All components are listed or exempt.

OSHA — This product is determined to be hazardous as defined in the OSHA Hazard Communications Standard.

CERCLA Sections 102a/103 (40 FR 302.4):

This product is not classified as hazardous or reportable under this requirement.

Some Components of this product are listed in the following sections of **SARA**:

SARA Title III Section 302 — Not applicable

SARA Title III Section 304 — Not applicable

SARA Title III Section 313 — Reportable ingredients:

| Components | CAS Number | Maximum % |
|---------------------------|-------------------|------------------|
| 1, 2, 4-trimethyl benzene | 95-63-6 | 2% |

SARA Title III Sections 311/312 Hazardous Categories (40 CFR 370.21)

Acute health hazard: Yes

Chronic health hazard: Yes

Fire hazard: No

Reactive Hazard: No

Pressure Hazard: No

Clean Water Act 311: Contains aromatic hydrocarbon. This material is classified as an oil under Section 311 of the Clean Water Act (CWA) and the Oil Pollution Act of 1990 (OPA). Discharges or spills which produce a visible sheen on waters of the United States, their adjoining shorelines, or into conduits leading to surface waters must be reported to the EPA's National Response Center at (800) 424-8802.

State Regulations:

Massachusetts: The following components are listed: STODDARD SOLVENT

New York: The following components are listed: trimethyl benzene

New Jersey: The following components are listed: STODDARD SOLVENT

Pennsylvania: The following components are listed: STODDARD SOLVENT

California Proposition 65 Components:

This product does not contain chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

INTERNATIONAL REGULATIONS

Identification According to EEC Directives: Not available

***NOTE:** User must consult with applicable state and local agencies for special specifics, determinations or compliance obligations regarding this product.*

Section 16. OTHER INFORMATION

The information and recommendations contained herein are based upon tests, data, and information resources believed to be reliable. However, Premiere Concrete Admixtures (Premiere) does not guarantee the accuracy or completeness, nor shall any of this information constitute a warranty, representation, or license of any kind, whether expressed or implied, as to the safety of goods, the merchantability of the goods or the fitness of the goods for a particular purpose. Premiere assumes no responsibility for injuries proximately caused by use of the Materials if reasonable safety procedures are not followed as stipulated in this Safety Data Sheet. Additionally, Premiere assumes no responsibility for injuries proximately caused by abnormal use of the Material even if reasonable safety procedures are followed. The buyer assumes the risk in its use of the Material.