



Safety Data Sheet ProLong

Revision date: April 27, 2015

Section 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name: ProLong
Synonyms: None
Chemical family: Specialty Products
Producer: Premiere Concrete Solutions
508 Cedar Street
Pioneer, Ohio 43554
www.bearcoat.net

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

Emergency: CHEMTREC 800-424-9300 Available 24 hours

Section 2. HAZARDS IDENTIFICATION

GHS Hazards, Label Elements and Precautionary Statements

This product is not classified as a hazardous substance under GHS. This product has no label elements

Symptoms and Precautions

Inhalation: May cause respiratory irritation in susceptible individuals. Inhalation of dust may cause shortness of breath, sneezing and coughing. (See Section 4 for first aid)

Ingestion: Ingestion is not anticipated in an industrial environment. If large amounts are ingested, the product may cause irritation, nausea, and stomach pain. (See Section 4 for first aid)

Skin contact: Wear protective gloves and protective clothing, (See Section 8). Skin contact with this product may cause mild skin irritation and redness in susceptible individuals. (See Section 4 for first aid).

Eye contact: Wear eye protection. Eye contact may cause mild irritation.

Chronic: This product is not known to pose any chronic health hazards.

Carcinogenic evaluation: No component of this product present at levels greater than 0.1 % is identified as a known, suspected or potential carcinogen by the NTP, the IARC or OSHA.

Section 3. COMPOSITION / INFORMATION ON INGREDIENTS

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

Name	CAS No.	Weight %
Glucono Delta Lactone	90-80-2	90-99

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

** The specific chemical identity is being withheld as a trade secret.

Section 4. FIRST AID MEASURES

Inhalation: Move exposed persons to fresh air. If symptoms occur, seek medical attention.

Skin contact: 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 with water. If symptoms occur, seek medical attention.

Eye contact: Check for and remove any contact lenses. Flushing eyes with tepid water lifting upper and lower lids. Seek medical attention.

Section 5. FIREFIGHTING MEASURES

Suitable extinguishing media: Use Water Spray
Do not use carbon dioxide

Specific hazards: Not available

Section 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Immediately contact emergency personnel. Avoid dust formation Avoid breathing vapors or mist. Ensure adequate ventilation. For personal protection, see Section 8.

Large Spill: Do not let product enter drains. Personnel must have appropriate training, per Occupational Safety and Health Administration (OSHA) 29 CFR 1910.120.

Methods for Containment and Clean up Avoid creating or breathing dust. Sweep up and shovel. Keep in a suitable, closed container for disposal. Wear personal protective equipment (Section 8).

Section 7. HANDLING AND STORAGE

Handling:	Avoid formation of dust. General ventilation is adequate.
Storage:	Store in a cool, well-ventilated area. Keep containers closed when not in use. The average shelf life is 18 months. Do not store with incompatible materials. See Section 10, Stability and Reactivity.

Section 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Name	CAS No.	ACGIH TLV	Federal OSHA PELs	OSHA PELs 1989
Glucono Delta Lactone	90-80-2	Not Established	Not Established	Not Established

PERSONAL PROTECTIVE EQUIPMENT

Engineering measures: General ventilation is acceptable if exposure to materials in this section does not create symptoms listed in Section 2. Since no

exposure limits exist, provide local exhaust ventilation according to general industrial hygiene practices if symptoms appear.

PERSONAL PROTECTIVE EQUIPMENT

Respiratory protection: When engineering controls are not sufficient to reduce exposure to levels below applicable exposure limits, seek professional advice prior to respirator selection and use.

Skin and body protection: Handle with impervious (PVC, neoprene, nitrile) gloves. Choose body protection e.g. impervious apron, sleeves, coveralls, according to the amount and concentration of dust created.

Eye protection: Wear safety glasses with unperforated sideshields or goggles

Hygiene measures: Avoid skin exposure. Wash hands before eating, drinking, smoking, or using toilet facilities.

Other precautions: Recommend emergency eyewash and shower in the immediate area

Wear ANSI approved safety glasses or goggles to protect eyes Wear Latex or rubber gloves to protect skin Wash hands thoroughly before breaks and at end of work day

Section 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Granular Powder
Substance type (pure/mixture):	Mixture
Color:	White
Odor:	Odorless
Molecular weight:	178
pH:	N/A

Boiling point/range (5-95%): Not Available
Melting point/range: 302-311°F/ 150-155°C
Decomposition temperature: Unknown
Specific gravity: 0.60 kg/liter
Vapor density: Not available
Vapor pressure: Not available
Evaporation rate (Butyl acetate= 1): Not available
Flash point, method used: 115°F/46°C
Water solubility: Negligible
VOC Content: 100 %
Auto-ignition temperature: 752°F/400°C
Flammable limits in air — lower (%): 30-60 grams/cubic meter
Flammable limits in air — upper (%): Not applicable

Section 10. STABILITY AND REACTIVITY

Stability: The material is stable under recommended storage
Possibly hazardous reactions: Not known
Incompatible Materials: Strong oxidizing agents, strong bases

Hazardous decomposition products: Carbon monoxide

Section 11. TOXICOLOGICAL INFORMATION

Acute toxicity: No toxicity data is available for the product as a mixture. The following component data is provided.

Product information:

Name	CAS No.	Inhalation	Dermal	Oral
Glucono Delta Lactone	90-80-2	Not available	Not available	Acute

Section 12. ECOLOGICAL INFORMATION

Ecotoxicity effects: Fish LC₅₀ 96 hours >1,000 mg/liter
 Daphnia LC₅₀ 48 hours >1,000 mg/liter
 Fish Chronic value >100 mg/liter
 Daphnia Chronic value >100 mg/liter

Bioaccumulative

Potential: This product does not bioaccumulate

Mobility in Soil: No data available

Section 13. DISPOSAL CONSIDERATIONS

Disposal considerations: Offer surplus and non-recyclable material and contaminated containers to a licensed waste disposal company. Dispose in accordance with state/provincial, and local regulations.

Section 14. TRANSPORT INFORMATION

Please refer to DOT regulation 49 CFR 172.101:

Transport information: Not regulated for transport
Hazardous Materials Description: (DOT and IATA): None
UN/identification no.: None
Proper shipping name: None
Hazard class: None
Packing group: None
DOT reportable quantity (lbs.): None

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 — This product does not contain any chemical components with known CAS numbers that exceed the threshold (DE Minimis) reporting levels.

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

Acute health hazard: No
Chronic health hazard: No
Fire hazard: No
Reactive Hazard: No
Pressure Hazard: No

Marine Pollutant: Not listed

State Regulations: Unknown

California Proposition 65 Components: This product does not contain any 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

WHMIS (Canada)

Not controlled.

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.