



Safety Data Sheet Barrier

Revision date: July 31, 2015

Section 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name: Barrier
Synonyms: None
Chemical family: A mono-molecular film to prevent rapid drying of 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

This product does not meet the criteria for hazard classification in accordance with the Globally Harmonized System of Classification and Labelling of chemicals (GHS). However, this SDS contains valuable information important to the safe handling and proper use of the product.

Hazard Statements

None

Precautionary Statements

None

Hazards not otherwise classified or not covered by GHS

Eyes: May cause slight irritation

Inhalation: In typical work environments, exposure to vapor is unlikely due to physical properties. Unusual conditions may cause slight respiratory irritation. Avoid breathing vapor or mist.

Ingestion: Ingestion is not anticipated in an industrial environment. If ingested, get immediate first aid (Section 4).

Skin contact: Prolonged or repeated skin contact tends to remove skin oils, possibly leading to irritation. To prevent irritation, avoid prolonged or repeated skin contact. Wash hands thoroughly after handling.

Chronic: NA

Section 3. COMPOSITION / INFORMATION ON INGREDIENTS

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

Name	CAS No.	Weight %
Polyoxyethylene (16) tall oil fatty acids	61791-00-2	≤ 2*
1-Hexadecanol	36653-82-4	≤ 1*

**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: Wash affected skin with soap and water while removing contaminated clothing and shoes. 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. 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:

This product is not combustible. Use extinguishing media suitable for the surrounding fire.

Specific hazards:

None known.

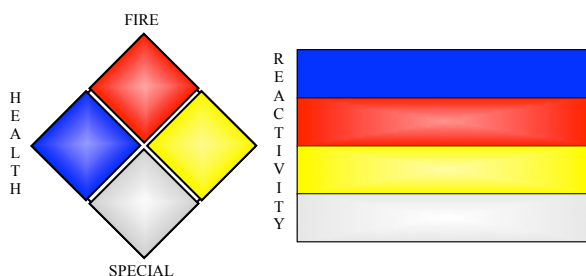
Special protective equipment for firefighters:

Wear self-contained breathing apparatus for firefighting if necessary.

NFPA rating: HMIS rating:

Health:	0	0
Flammability:	0	0
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.

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. Use absorbent media. Remove spilled material to storage for proper disposal.

Section 7. HANDLING AND STORAGE

Handling:	Handle in accordance with good industrial hygiene and safety practice.
Storage:	Keep container tightly closed. Store in a cool, dry place.

Section 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits:

No exposure limits are available for this product's ingredients

Engineering measures: Consider general ventilation or other engineering controls if this product is used indoors.

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 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 and other protection as 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):	Mixture
Color:	White
Odor:	Mild soap odor
Molecular weight:	Not available
pH:	Not available
Boiling point/range (5-95%):	212 °F, 100 °C
Melting point/range:	Not applicable
Decomposition temperature:	Not available
Specific gravity:	0.98 ±0.50 @ 25 °C
Vapor density:	Not available
Vapor pressure:	Not available
Evaporation rate (Butyl acetate= 1) :	<1 (estimated)
Flash point, method used:	Not applicable
Water solubility:	95% miscible
VOC Content:	Not available
Auto-ignition temperature:	Not applicable

Flammable limits in air — lower (%): Not applicable
Flammable limits in air — upper (%): Not applicable

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: None, under normal conditions of storage and use.
Incompatible Materials: Strong oxidizing agents.
Hazardous decomposition products: Very slight carbon monoxide, carbon dioxide
Polymerization: Will not occur.

Section 11. TOXICOLOGICAL INFORMATION

Acute toxicity:

Product information:

Name	CAS No.	Inhalation:	Dermal:	Oral:
Polyoxyethylene (16) tall oil fatty acids	61791-00-2	Eye Irritation: Rabbit: Slight irritation (Method: Draize Test)	LD ₅₀ (Rabbit): Non irritating (Method: Draize Test)	LD ₅₀ (Rat): 15,900 mg/kg (Low acute toxicity)
1-Hexadecanol	36653-82-4	LC ₅₀ (Rabbit): >2,000 mg/kg, FHSA	Rabbit, 24 hours, 1.5 (Max. score is 8) (Non-irritating)	Eye Irritation: Rabbit: 1 hour, 15.3 (Max. score is 110) (Non-irritating)

Chronic toxicity: No data available.

Carcinogenicity: Contains no ingredient listed as a carcinogen.

Sensitization: Patch tests on human volunteers did not demonstrate sensitization properties.

Section 12. ECOLOGICAL INFORMATION

Ecotoxicity effects:	1-Hexadecanol LC ₅₀ – Oncorhynchus mykiss, (rainbow trout) “Not toxic” under test conditions – 96 hours LC ₅₀ – Daphnia magna, (water flea) “Not toxic” under test conditions – 48 hours
Bioaccumulative Potential:	No data available
Persistence and degradability:	1-Hexadecanol OECD test Guideline 301B (28 days): >60%.
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. 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 %

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

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

State Regulations:

Not applicable

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.