Safety Data Sheet
Impede® IntraSeal

Revision date: October 13, 2020

Section 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name: Impede® IntraSeal
Synonyms: None
Chemical family: Ready Mix Application
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
DANGER — Flammable liquids

Hazard Statements
H226: Flammable liquid and vapor

Precautionary Statements
P210: Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No Smoking
P280: Wear protective gloves/protective clothing/eye protection.
P233: Keep container tightly closed.
P370+P378: In case of fire: Use extinguishing powder, alcohol-resistant foam or carbon dioxide to extinguish.
P403+P235: Store in a well-ventilated place. Keep cool.
P501: Dispose of contents/container to waste disposal.

Hazards not otherwise classified or not covered by GHS

Inhalation: Inhalation of aerosol spray may damage health.

Ingestion: NA

Skin contact: NA

Chronic: NA

Section 3. COMPOSITION / INFORMATION ON INGREDIENTS

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

Name	CAS No.	Weight %
Alkane Tetrahydride	35435-21-3	50-100%
Proprietary Raw Materials		0-10%

Type: HYD - by-product upon hydrolysis, INHA - ingredient, NEBE - by-product, MONO - residual monomer, VERU - impurity, VUL - by-product upon vulcanization. *** Note: C1 - IARC carcinogen, C2 - NTP carcinogen, C3 - OSHA carcinogen, NH - non- hazardous, R - reproductive toxin.

Substances listed in the Subsections "HAPS" and "California Proposition 65 Carcinogens / Reproductive Toxins" that are not listed in this section are only present at quantities below 0.1% for California Proposition 65 listed toxins or below 1% for non- carcinogenic HAPS or they are inextricably bound in the product.

***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: If inhaled remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult give oxygen.

Skin contact: Wipe away excess material. Use a waterless hand cleaner to remove as much of the remaining material as possible. Was with soap and water

Ingestion: If a large amount is swallowed, get medical attention

Eye contact: Flush eyes with water lifting upper and lower lids occasionally for 15 minutes. If irritation persists, seek medical attention.

Section 5. FIREFIGHTING MEASURES

Suitable extinguishing media: Carbon dioxide, dry chemical or alcohol-resistant foam. Water may be used to cool tanks and structures adjacent to the fire

Unsuitable extinguishing media: Water, halones.

Specific hazards: Hazardous combustion products: carbon dioxide , carbon monoxide , silicon dioxide and incompletely burnt hydrocarbons.

Special protective equipment for firefighters: Wear self-contained breathing apparatus

Section 6. ACCIDENTAL RELEASE MEASURES

Personal Wear appropriate PPE as needed.

Precautions: Personnel must have appropriate training, per Occupational Safety and Health Administration (OSHA) 29 CFR 1910.120.

Large Spill:

	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 formation of aerosols. In case of aerosol formation special protective measures are required. Ensure adequate ventilation. Keep away from incompatible materials.
Storage:	No special measures required. Shelf life: 36 months from date of Manufacture

Section 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits:

OSHA permissible exposure limit:
8 hour TWA of 15 mg/m cu. Total Dust
8 hour TWA of 5 mg/m cu. Respirable Fraction

ACGIH Threshold Limit Value:
8 hour TWA of 10 mg/m cu. Inhalable Particles
8 hour TWA of 3 mg/m cu. Respirable Particles.

Engineering measures: Control airborne concentrations below the exposure guidelines.

PERSONAL PROTECTIVE EQUIPMENT

Respiratory protection: Respiratory protection is only necessary if long term or high level exposures are likely to occur. A NIOSH approved air purifying respirator equipped with universal multi-contaminant multi-gas/vapor cartridges is recommended if overexposure to chemical vapors could occur

Hand Protection: Butyl rubber protective gloves

Eye protection: Not required

Hygiene measures: Always observe good personal hygiene measures, as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Discard contaminated clothing and footwear that cannot be cleaned. Practice good housekeeping.

Section 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear to light yellow liquid
Physical state (solid/liquid/gas): Liquid
Substance type (pure/mixture): Pure
Color: Clear to light yellow

Odor:	Sweet Vinegar
Molecular weight:	Not available
pH:	Not Determined
Boiling point/range (5-95%):	236°C
Melting point/range:	-50°C
Decomposition temperature:	Not available
Specific gravity:	0.85 – 0.95
Vapor density:	Not applicable
Vapor pressure:	6.0 hPa at 25°C
Evaporation rate (Butyl acetate= 1):	Not available
Flash point, method used:	>40°C
Water solubility:	<0.00025 g/l virtually insoluable
VOC Content:	0 %
Auto-ignition temperature:	Material is not self-igniting
Flammable limits in air — lower (%):	Not applicable
Flammable limits in air — upper (%):	Not applicable

Section 10. STABILITY AND REACTIVITY

Reactivity:	Under normal conditions of storage and use, hazardous reactions will not occur.
Stability:	The material is stable.
Possibly hazardous reactions:	Water, basic substances and acids. Reaction causes the formation of; ethanol
Conditions to avoid:	Moisture
Incompatible Materials:	Not known.
Hazardous decomposition products:	Material does not decompose at ambient temperatures.
Polymerization:	Will not occur.

Section 11. TOXICOLOGICAL INFORMATION

Acute toxicity: Testing not conducted.

Chronic toxicity: No data available.

Sensitization: No data available.

Section 12. ECOLOGICAL INFORMATION

Ecotoxicity effects: No data available

Bioaccumulative Potential: No data available

Persistence and degradability: No data available.

Mobility in Soil: No data available.

Section 13. DISPOSAL CONSIDERATIONS

Disposal considerations: Material that cannot be used, reprocessed or recycled should be disposed of in accordance with Federal, State, and local regulations

at an approved facility. Depending on the regulations, waste treatment methods may include, e.g., landfill or incineration.

Regulatory Disposal Information: Completely discharge containers (no tear drops, no powder rest, scraped carefully). Containers may be recycled or re-used. Observe local/state/federal regulations. Uncleaned packaging should be treated with the same precautions as the material.

Section 14. TRANSPORT INFORMATION

Material is not regulated for transport

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 in TSCA, AICS, and DSL.

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

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

Component	Reportable Quantity

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 material 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)

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.