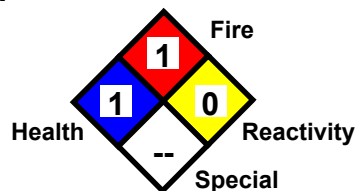


MATERIAL SAFETY DATA SHEET



NFPA 704 DESIGNATION HAZARD RATING

4 = Extreme 3 = High 2 = Moderate
 1 = Slight 0 = Insignificant

Issue Date: 5/09

Supersedes: 1/05

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identity: **Reflectowhite™**
 Product Use: **Flexible Waterproofing System**
 Manufactured By: **Sealoflex® Inc.**
2520 Oscar Johnson Drive **CHEMTREC**
Charleston, SC 29405 **1-800-424-9300**
PHONE: 843 554-6466 FAX: 843 554-6458

2. COMPOSITION & INFORMATION ON INGREDIENTS

Component	% weight	CAS #
Acrylic Polymer	16.0 - 20.0	Proprietary
Pigments, Fillers & Extenders	34.0 - 38.0	Proprietary
Water	43 - 46	7732-18-5
Ethylene Glycol	<1.0	57-55-6
Additives	<1.0	Proprietary
Ammonium Hydroxide	<0.1	1336-21-6

3. HAZARDS IDENTIFICATION

EXPOSURE LIMITS (IF APPLICABLE)	COMPONENT	REGULATION	EXPOSURE	VALUE
	Ammonium Hydroxide	ACGIH	TWA	17 MG/M ³ , 25ppm
		ACGIH	STEL	24 MG/M ³ , 35ppm

POTENTIAL HEALTH EFFECTS:

PRIMARY ROUTES OF ENTRY: Eye
 Skin
 Inhalation

EYE CONTACT: Eye irritant. If irritation persists, seek medical attention.
SKIN CONTACT: Repeated or prolonged exposure may induce skin irritation.
INGESTION: Ingestion will cause moderate to severe irritation or chemical burns to the gastrointestinal tract. Injury may be severe and cause death. Acute oral toxicity is LD₅₀ 3038 mg/Kg.
INHALATION: Exposure to high concentrations of vapor or mists may cause moderate to severe irritation of respiratory tract.

4. FIRST AID MEASURES

EYE CONTACT: Immediately flush eyes with plenty of clean running water for at least 15 minutes. Seek immediate medical attention. Continue flushing eyes until medical attention arrives.
SKIN CONTACT: Immediately flush skin with plenty of clean running water while removing contaminated clothing. Continue for at least 15 minutes. Seek medical attention.
INHALATION: Immediately move to fresh air. Seek immediate medical attention if ill effects occur.
INGESTION: DO NOT induce vomiting. Seek immediate medical attention. Give one or two glasses of water to drink and refer to medical personnel or take direction from a physician or poison control center. Never give anything by mouth to an unconscious person.

5. FIRE FIGHTING MEASURES

GENERAL: **This material is not flammable. Increased temperature may increase pressure in closed container resulting in rupture, spreading fire and increasing risk of injury.**

FLASHPOINT AND METHOD: **>200°F (PMCC)**
 FLAMMABLE LIMITS: Lower: **No Data** Upper: **No Data**
 AUTOIGNITION TEMPERATURE: **No Data**
 HAZARDOUS COMBUSTION PRODUCTS: **Oxides of carbon and nitrogen.**
 EXTINGUISHING MEDIA: **Foam, CO₂, dry powder, water spray.**
 FIRE FIGHTING INSTRUCTIONS: **Wear self-contained breathing apparatus with full facepiece and protective clothing.**
 UNUSUAL FIRE AND EXPLOSION HAZARDS: **None known.**

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: **Eliminate all ignition sources (flares, flames, pilot lights, and electrical sparks). Wearing recommended protective clothing, dike spill using soil, sand or compatible commercial absorbent. Pick up bulk of product using pumps or vacuum truck or absorb product in sand or commercial absorbent. Place in chemical waste containers for recovery or disposal.**

LARGE SPILL: **Eliminate all ignition sources. Persons not wearing protective equipment should be excluded from the spill area until clean up has been completed. Stop spill at source. Prevent from entering drains, sewers, streams or other bodies of water. Prevent from spreading. If run-off occurs, notify authorities as required. Pump or vacuum-transfer spilled product to clean containers for recovery. Absorb unrecoverable product. Transfer contaminated absorbent soil and other material to containers for disposal. Ensure that all local, State and Federal regulations are complied with for release reporting, recovery and disposal of material and containers.**

7. HANDLING AND STORAGE

STORAGE TEMPERATURE: **4 - 32°C (40 - 90°F)** STORAGE PRESSURE: **Ambient**

STORAGE: **Keep container tightly closed. Store in a cool well ventilated area away from heat, sources of ignition, direct sunlight and acidic materials, anhydrides and oxidizing agents.**

HANDLING: **Open in a well ventilated area. Avoid breathing vapors. Prevent skin and eye contact. Empty containers should be thoroughly rinsed with water and disposed of according to local regulations.**

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CONTROL MEASURES: **No ACGIH TLV or OSHA PEL assigned to this product. Minimize exposure in accordance with good hygiene practice.**

RECOMMENDED PERSONAL PROTECTIVE EQUIPMENT:

RESPIRATOR: **If needed, use NIOSH approved respirator for organic vapors mists or fumes.**
 EYES: **Chemical safety glasses or splash goggles.**
 GLOVES: **Rubber or Neoprene.**

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	White Viscous Liquid	Bulk Density	No Data
Odor	Mild Acrylic	Vapor Pressure	No Data
Odor Threshold	Not Applicable	Vapor Density	Heavier than Air
Molecular Formula	No Data	Evaporation Rate (n-Butyl Acetate=1)	<1
Molecular Weight	No Data	VOC content	<1.5%, <25.0 grams/liter
Boiling Point	~100°C (~212°F)	% Volatiles	44 - 46
Freezing Point	~0°C (~32°F)	Solubility in Water	Miscible
Specific Gravity	1.30 - 1.34	Viscosity (cps)	8,000 - 12,000
Density (lbs/gal)	11.0 - 11.2	pH	9.0 - 9.5

10. STABILITY & REACTIVITY

GENERAL: This product is stable under normal conditions
CONDITIONS TO AVOID: Avoid contamination with acidic materials.
INCOMPATIBLE MATERIAL: Acidic materials, anhydrides and strong oxidizers.
HAZARDOUS POLYMERIZATION: Will not occur.
HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon.

11. TOXICOLOGICAL INFORMATION

There is no data available for this material. However, based upon toxicological information for similar materials, a very low order of oral and dermal toxicity is expected.

12. ECOLOGICAL INFORMATION

There is no data available for this material.

13. DISPOSAL CONSIDERATIONS

RCRA 40 CFR 261 CLASSIFICATION: **Not Classified**
U.S. EPA WASTE NUMBER/DESCRIPTION: **None**

DISPOSAL METHOD: **Incinerate in an approved facility. Do not incinerate closed containers. Dilute with clean, low viscosity fuel. Untreated material should not be released to the environment.**
CONTAINER DISPOSAL: **Empty container retains potentially hazardous residue. Observe all hazard precautions. Remove all product residues from container and puncture or otherwise destroy empty container before disposal.**

14. TRANSPORTATION INFORMATION

DOT INFORMATION – 49 CFR 172.101

DESCRIPTION: **Not regulated as a hazardous material.**
CONTAINER MODE: **One-gallon plastic cans, five-gallon plastic pails and 55-gallon plastic drums**
NOS COMPONENT: **N.A.**

15. REGULATORY INFORMATION

WORKPLACE CLASSIFICATION:

This material is considered non-hazardous under OSHA Communication Standard 29CFR1910.1200.
This material is not a “controlled product under the Canadian Workplace Hazardous Materials Information System (WHIMS).

SARA TITLE III: SECTION 311/312 (40CFR370)

This material is not a hazardous chemical under 29CFR1910.1200 and is therefore not covered by Title III of SARA.

SARA TITLE III: SECTION 313 (40CFR372)

This material does not contain a chemical listed in Section 313 at or above the de minimis concentrations.

CERCLA (40CFR302.4)

Releases of this material to air, land, or water are not reportable to the National Response Center under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) or to state and local emergency planning committees under the Superfund Amendments and Reauthorization Act (SARA) Title III Section 304.

U.S. TOXIC SUBSTANCES CONTROL ACT (TSCA)

All components of this material are in compliance with the inventory listing requirements of the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

CALIFORNIA (PROPOSITION 65)

Chemical analyses were performed on this product. Results indicate that there are no significant risks, as defined by this statute, associated with this product under conditions of normal use.

16. OTHER INFORMATION

HMIS HAZARD RATING	HEALTH 1	FIRE 1	REACTIVITY 0	PROTECTIVE EQUIPMENT B
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LEGEND

ACGIH	American Conference of Governmental Industrial Hygienists
DOT	Department of Transportation
HMIS	Hazardous Material Identification System
NFPA	National Fire Protection Association
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Levels
STEL	Short Term Exposure Limit
TLV	Threshold Limit Value
TWA	Time Weighted Average
VOC	Volatile Organic Compounds

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