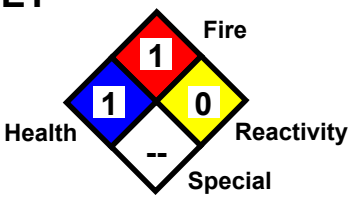
MATERIAL SAFETY DATA SHEET

Sealoflex®
Waterproofing Systems



Issue Date: 3/07	Supersedes: 1/05

NFPA 704 DESIGNATION HAZARD RATING
4 = Extreme 3 = High 2 = Moderate
1 = Slight 0 = Insignificant

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identities: **GRR Flood Coat™, GRR Flood Coat-Light™, GRR Flood Coat-Lite™**
Product Use: **Gravel Roof Recovery System**
Manufactured By: **Sealoflex® Inc.**
2520 Oscar Johnson Drive
Charleston, SC 29405
PHONE: 843 554-6466 FAX: 843 554-6458

CHEMTREC
1-800-424-9300

2. COMPOSITION & INFORMATION ON INGREDIENTS

Component	% weight	CAS #	SARA Title III Section 313	RCRA	CARCINOGENICITY (29CFR 1910.1200)	State Right-To-Know PA	NJ	MA	CA
Styrene Polymers	**16.0 –23.0**	**Proprietary**	**Not Listed**	**No**	**No**	**No**	**No**	**No**	
Inorganic Pigment	**<1.0**	**N.A.**	**Not Listed**	**No**	**No**	**No**	**No**	**No**	
Water	**13.0 – 17.0**	**7732-18-5**	**Not Listed**	**No**	**No**	**No**	**No**	**No**	
Additives	**<0.1**	**N.A.**	**Not Listed**	**No**	**No**	**No**	**No**	**No**	
Silica Sand	**60.0 – 63.0**	**14808-60-7**	**Not Listed**	**No**	**No**	**No**	**No**	**No**	

The Silica Sand is bound in the wet state by being wet by, and dispersed in, a Styrene Polymer latex. The Silica Sand is bound in the dry state by being secured within the Sand/Styrene Polymer matrix formed upon drying. No respirable crystalline quartz exposure from the handling or application of GRR Flood is possible, whether in the wet state, as drying, or in dry state.

All components are listed in the TSCA inventory.

3. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	**Black Viscous Liquid**	Bulk Density	**No Data**
Odor	**Typical**	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	**<0.5%**
Boiling Point	**~100°C (~212°F)**	% Volatiles	**13 - 15**
Freezing Point	**~0°C (~32°F)**	Solubility in Water	**Miscible**
Specific Gravity	**0.83 - 1.71**	Viscosity (cps)	**500 – 13,000**
Density (lbs/gal)	**6.9 – 14.3**	pH	**8.0 -9.0**

4. STABILITY & REACTIVITY

GENERAL:	**This product is stable under normal conditions**
CONDITIONS TO AVOID:	**Temperatures over 100°C, freezing temperatures and open flame.**
INCOMPATIBLE MATERIAL:	**Acids or multivalent salts may cause coagulation.**
HAZARDOUS POLYMERIZATION:	**Will not occur.**
HAZARDOUS DECOMPOSITION PRODUCTS:	**Oxides of carbon, hydrocarbons, dense smoke, irritating vapors.**

5. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS:

EYE CONTACT: **May cause slight temporary damage if eye is not immediately irrigated.**

SKIN CONTACT: **Repeated or prolonged exposure may induce skin sensitization.**

INGESTION: **Single dose oral toxicity is considered to be extremely low.**

INHALATION: **No adverse effects are expected from single dose exposure where good ventilation is in use.**

MUTAGENICITY: **None reported.**

6. FIRST AID MEASURES

EYE CONTACT: **Immediately flush eyes with plenty of clean running water for at least 15 minutes. Seek medical attention. Continue flushing eyes until medical attention can arrives.**

SKIN CONTACT: **Immediately wash skin with soap and clean water while removing contaminated clothing. Continue for at least 15 minutes. Seek medical attention if irritation develops. Wash contaminated clothing before reuse.**

INHALATION: **Immediately move to fresh air. Seek immediate medical attention if breathing difficulty develops.**

INGESTION: **Seek immediate medical attention. DO NOT induce vomiting unless directed to do so by medical personnel. 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.**

7. FIRE FIGHTING MEASURES

GENERAL: **This material is not flammable.**

FLASHPOINT AND METHOD:	**>200°F (TCC)**
FLAMMABLE LIMITS:	**LEL: No Data UEL: No Data**
AUTOIGNITION TEMPERATURE:	**No Data**
HAZARDOUS COMBUSTION PRODUCTS:	**Oxides of carbon, hydrocarbons, dense smoke, irritating vapors.**
EXTINGUISHING MEDIA:	**Foam, CO_2, dry powder, water spray.**
FIRE FIGHTING INSTRUCTIONS:	**Wear self-contained breathing apparatus (SCBA) and full fire-fighting protective clothing.**
UNUSUAL FIRE AND EXPLOSION HAZARDS:	**Increased temperature may increase pressure in closed container resulting in rupture, spreading fire and increasing risk of injury.**

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE GUIDELINES: **Minimize exposure in accordance with good hygiene practices. Wear protective equipment to limit exposure.**

VENTILATION: **Use of local exhaust is recommended.**

RECOMMENDED PERSONAL PROTECTIVE EQUIPMENT:

RESPIRATORY: **Under most conditions, a respirator is not required. If spray applying, a NIOSH/MSHA approved respirator for organic vapors, mists and fumes is recommended.**

EYES: **Safety glassed with side shields or tight fitting goggles if applying by spray.**

SKIN: **Wear impervious gloves and clothing.**

OTHER: **Provide sufficient mechanical general and/or local exhaust ventilation to limit exposure.**

9. HANDLING AND STORAGE

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

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

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.**

10. ACCIDENTAL RELEASE MEASURES

SPILL PROCEDURE: **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 in accordance with local regulations.**

11. DISPOSAL CONSIDERATIONS

RCRA 40 CFR 261 CLASSIFICATION: **Not Classified**

U.S. EPA WASTE NUMBER/DESCRIPTION: **None**

DISPOPSAL METHOD: **Incinerate in an approved facility. Do not incinerate closed containers. Untreated material should not be released to the environment.**

CONTAINER DISPOSAL: **Empty container retains potentially hazardous residue. Observe all hazard precautions. Remove all product residue from container and puncture or otherwise destroy empty container before disposal.**

12. TRANSPORTATION INFORMATION

DOT INFORMATION – 49 CFR 172.101

DESCRIPTION: **Not Applicable**

CONTAINER MODE: **One-gallon and five-gallon plastic pails.**

NOS COMPONENT: **Not Applicable**

RQ (REPORTABLE QUANTITY) – 49 CFR 172.101: **Not Applicable**