



Safety Data Sheet

Report Date 07-May-15

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1. Identification

Product Name : SILTBOND
Synonyms : None
Product Use : Soil Erosion Control & Water Infiltration Polymer
Manufacturer/Supplier : Helena Chemical Company
Address : 225 Schilling Blvd. Collierville, TN 38017
General Information : 901-761-0050
Transportation Emergency Number : CHEMTREC:800-424-9300

2. Hazard Identification

Signal Word : Warning (no symbol)
Skin Irritation : Causes mild skin irritation.
Eye Irritation : Causes eye irritation.
Acute Toxicity Oral : LD50 >5,000 mg/kg (rat). May be harmful if swallowed.
Acute Toxicity Dermal : >5,000 mg/kg (rabbit). May be harmful in contact with skin.

Hazard Categories : Oral/Dermal/Inhalation Toxicity - 5/5/5; Eye Irritation - 2B; Skin Irritation - 3

Hazard Statement : May be harmful if swallowed
May be harmful in contact with skin
Causes eye irritation
Causes mild skin irritation
May be harmful if inhaled

3. Composition / Information on Ingredients

Component	CAS Number	Weight %
Linear, anionic copolymer of acrylamide and potassium acrylate.	Proprietary	90.0
Inert ingredients.	Proprietary	10.0

Note: Contains 0.05% w/w acrylamide monomer water soluble granules.

4. First Aid Measures

Eye : Hold eyes open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for further treatment advice.

Skin : Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.

Inhalation : Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

Ingestion : Call a poison control center or doctor immediately for treatment advice. Rinse mouth with water. Do not induce vomiting. Do not give anything by mouth if unconscious.

Indication of Immediate Medical Attention and Special Treatment Needed : In the event of adverse response, treatment should be directed toward control of the symptoms.

5. Fire Fighting Measures



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- Extinguishing Media** : Use dry powder or foam extinguishing agents. Avoid using water jet to extinguish fires involving this product as very slippery conditions will result.
- Specific Hazards Arising from the Chemical** : None currently known.
- Special Fire Fight Proc** : Wear self-contained breathing apparatus and full protective clothing. If water is used, restrict pedestrian/vehicle traffic in areas where slippery conditions exist.

6. Accidental Release Measures

- Personal Precautions** : Keep unprotected and unnecessary personnel out of spill area.
- Protective Equipment** : Splashproof goggles or faceshield and chemical-resistant gloves. Use NIOSH-approved organic vapor respirator when needed.
- Emergency Procedures** : If spilled product becomes wet, area will be slippery. Do not discharge to drains, surface waters or ground water.
- Methods and Materials for Containment and Cleanup** : For small spills, pick up spilled product with a shovel or vacuum and dispose of properly.

7. Handling and Storage

- Precautions for Safe Handling** : Keep locked up and out of reach of children. Do not contaminate water, food or feed by storage, handling or disposal. Do not allow water to be introduced into the contents of this container.
- Conditions for Safe Storage** : Store in original container only. Keep container tightly closed. Do not store near heat or open flame. Do not store with oxidizing agents or ammonium nitrate.

8. Exposure Controls / Personal Protection

- TLV/PEL** : No TLV or PEL established.
- Appropriate Engineering Controls** : General and/or local exhaust should be sufficient.
- Personal Protective Equipment** : Splashproof goggles or faceshield and chemical-resistant gloves. Use NIOSH-approved organic vapor respirator when needed.

9. Physical and Chemical Properties

- Odor/Appearance** : White granular solid; odorless.
- Flash Point, °F** : Not applicable
- Boiling Point, °F** : Not applicable
- Melting Point(Freezing point), °C** : >150 Degrees C (melting point)
- Vapor Pressure, mm Hg @ 20 °C** : Not applicable
- Vapor Density** : Not applicable
- Solubility in Water** : Completely soluble in water
- Molecular Formula** : Not applicable, formulated mixture.
- Density, g/mL @ 25 °C** : Not determined
- Evaporation Rate(Butyl Acetate = 1)** : Not applicable
- Octanol/Water Partition Coefficient** : No information found
- pH** : 5 to 9 (@5 g/L)
- Flammable Limits (approximate volume % in air)** : Not determined
- Auto-ignition Temperature** : Not determined
- Decomposition temperature** : No information found



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10. Stability and Reactivity

- Reactivity** : No information found.
- Chemical Stability** : Stable
- Hazardous Decomposition** : Thermal decomposition may produce hydrogen cyanide acid, nitrogen oxides, carbon oxides.
- Hazardous Polymerization** : Will not occur
- Conditions to Avoid** : None currently known
- Incompatible Materials** : Oxidizing agents may cause exothermic reactions.

11. Toxicological Information

- Acute Toxicity (Oral LD50)** : >5,000 mg/kg (rat). May be harmful if swallowed.
- Acute Toxicity (Dermal LD50)** : >5,000 mg/kg (rabbit). May be harmful in contact with skin.
- Acute Toxicity Inhalation LC50** : No LC50 available. Not expected to be toxic by inhalation. May be harmful if inhaled.
- Likely Routes of Exposure** : Eyes, skin
- Skin Irritation** : Causes mild skin irritation.
- Eye Irritation** : Causes eye irritation.
- Skin Sensitization** : Not sensitizing
- Carcinogenic** : Not listed by IARC, NTP or OSHA.
- Chronic Effects** : None currently known.
- Other Hazards** : None currently known.

12. Ecological Information

- Ecotoxicity** : No information found
- Persistence and Degradability** : No information found
- Bioaccumulative Potential** : No information found
- Mobility in Soil** : No information found
- Other Adverse Effects** : No information found

13. Disposal Considerations

- Waste Disposal Method** : This material must be disposed of according to Federal, State or Local procedures under the Resource Conservation and Recovery Act.

14. Transport Information

- UN Proper Shipping Name** : Not regulated by DOT, IATA or IMDG.
- Transport Hazard Class** : None
- UN Identification Number** : None
- Packaging Group** : None
- Environmental Hazards** : No information found
- Transport in Bulk** : No information found
- Special Precautions for Transportation** : No information found
- Freight Classification** : Adhesives, Adjuvants, Spreaders or Stickers, N.O.I. (NMFC Item 42652, Class 60)

15. Regulatory Information



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National Fire Protection Association Rating :

Health: 0 Fire: 1 Reactivity: 0
Rating Level: (4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Minimum)

S.A.R.A Title III Hazard Classification (Yes/No) :

Immediate(Acute) Health: N
Delayed (Chronic) Health: N
Sudden Release of Pressure: N
Fire: N
Reactive: N

16. Other Information

Data of Preparation/Revision : 07-May-2015