Safety Data Sheet

1. Product Identifier and Company Identification

Product name : **Desert Crete Liquid Polymer**
HBCC SDS number : CD01507
Synonym : Styrene Acrylic Polymer Solution; Poly-Slo Release
Product use and Restrictions : Refer to label or call

Manufacturer Contact Address :

Corporate Headquarters
Hill Brothers Chemical Company
1675 North Main Street
Orange, California 92867
714-998-8800
800-821-7234

Corporate Safety & Compliance
Hill Brothers Chemical Company
7121 West Bell Road, Suite 250
Glendale, Arizona 85308
623-535-9955 - Office
623-535-9944 - Fax

Emergency telephone Number (Chemtrec) : 800-424-9300
Website : http://hillbrothers.com

2. Hazard Identification

Classification : None
Signal Word : None
Pictogram(s) : None
Hazard Statements : None

Precautionary Statements

Response : None
Prevention : None
Storage : None
Disposal : None

3. Composition / Information on Ingredients

CAS Number	Ingredient Name	Weight %
Proprietary	Styrene Acrylic Emulsion	<30%
7732-18-5	Water	>70%

4. First Aid Measures

Ingestion : Do not induce vomiting unless advised to do so by a physician. Never give anything by mouth to an unconscious person. GET MEDICAL ATTENTION IMMEDIATELY.

Inhalation	:	Remove victim to fresh air and administer artificial respiration, if required. GET MEDICAL ATTENTION, if needed.
Skin	:	Flush skin with plenty of water. If rash develops, get medical attention. Remove contaminated clothing and wash before reuse.
Eyes	:	Immediately flush with plenty of water for at least 15 minutes. GET MEDICAL ATTENTION, if discomfort persists.
Medical Conditions	:	N/A
Effects of Overexposure	:	May cause anesthesia, headache, nausea, or dizziness.
Summary of Acute Health Hazards	:	N/A
Ingestion	:	May be harmful if swallowed.
Inhalation	:	Concentrated vapors can cause dizziness, headache and nausea. May cause irritation to lungs, nose and throat.
Skin	:	May be irritating to skin upon repeated or prolonged contact.
Eyes	:	May be slightly irritating to eyes.
Note to Physicians	:	N/A
Summary of Chronic Health	:	N/A

5. Fire Fighting Measures

Extinguishing	:	Use foam, carbon dioxide or dry chemical. Use of water may cause fire to spread due to components that float on water.
Special Exposure Hazards	:	Material can splatter above 100°C/212°F. Polymer film can burn. Spilled polymer can be very slippery.
Special Protective Equipment for Firefighters	:	N/A
Fire Fighting Procedures	:	N/A
NFPA Rating	:	Health - 1 Flammability - 0 Instability - 0

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

Uniform Fire Code Rating : N/A

6. Accidental Release Measures

Personal Percautions : N/A

Emergency Procedures : N/A

Methods of Containment And Clean-Up : If recovery is not feasible, admix with dry soil, sand or non-reactive absorbent (sodium bisulfate) and place in a container or dumpster pending disposal. Transfer to container by suction, preparatory for later disposal. Flush area with water spray. Wash contaminated property (e.g., automobiles) quickly before the material dries. Clean-up personnel must be equipped with self-contained breathing apparatus and butyl rubber protective clothing. For large spills, recover spilled material with a vacuum truck.

7. Handling and Storage

Safe Handling : Store in a cool, dry, well-ventilated area. Monomer vapors can be evolved when material is heated during processing. Keep away from: oxidizers. Avoid freezing temperatures during storage. Minimize contact with atmospheric air to prevent inoculation with microorganisms. If headspace ventilation is required, use air to reduce skin formation on emulsion surface.

Storage : Do not store in iron or other reactive metal containers. Spilled polymer can be very slippery. Keep from freezing, material may coagulate, minimum storage temperature is 34°F, maximum is 120°F.

Work/Hygienic Practices : Employees who handle Desert Crete Liquid Polymer should wash their hands thoroughly before eating, drinking, smoking, or using toilet facilities. Do NOT place food, coffee or other drinks in the area where dusting or splashing of solutions is possible.

Ventilation : Local is preferable, but mechanical is acceptable.

8. Exposure Controls / Personal Protection

Occupational Exposure Limits :

Chemical Name: Mixture				
Exposure Limits (TWAs) in Air				
CAS Number	IDLH	ACGIH TLV	OSHA PEL	STEL
No regulated Substances	N/A	N/A	N/A	N/A

Protective Equipment : Protective rubber gloves are advisable.

Eye Protection : Chemical safety goggles or a face shield should be used.

Respiratory Protection : N/A

9. Physical and Chemical Properties

Appearance: Milky colored liquid	**Odor:** Sweet Odor
Odor Threshold: N/A	**pH:** 9.0-10.0
Melting Point / Freezing Point: N/A	**Initial Boiling Point / Range:** >212° F
Flash Point: N/A	**Evaporation Rate (BuAc=1):** N/A
Flammability: N/A	**Lower / Upper Explosive Limit:** N/A
Vapor Pressure (mmHg): N/A	**Vapor Density (Air=1):** <1
Relative Density: 8.48 lbs/gal	**Solubility in Water:** Infinite
Partition Coefficient: N/A	**Autoignition Temperature:** N/A
Decomposition Temperature: N/A	**Viscosity:** N/A
% Volatiles: 70-75% by volume	**Specific Gravity (Water=1):** 1.01-1.03
Molecular Weight: N/A	**VOC:** ~0 g/l

10. Stability and Reactivity

Reactivity : N/A

Chemical Stability : Stable

Possibility of Hazardous Reactions or Polymerizations : Hazardous polymerization will not occur

Conditions to Avoid : N/A

Incompatible Materials : Mineral acids (i.e. sulfuric, phosphoric, etc.), alkalis (i.e. sodium or potassium hydroxide, etc.), reactive metals (i.e. sodium, calcium, zinc, etc.)

Hazardous Decomposition Products : Thermal decomposition may yield acrylic monomers, carbon monoxide and carbon dioxide in a fire.

11. Toxicological Information

Acute and Chronic Effects : See Section 4

Routes of Exposure

Ingestion : Yes
Inhalation : Yes
Skin : Yes
Eyes : Yes

Symptoms related to Physical, Chemical & Toxicological Characteristics : Contact with skin or eyes may cause irritation. Breathing of the vapor may irritate the nose and throat.

Numerical Measures of Toxicity : N/A

Chronic Toxicity : N/A

Carcinogenicity : N/A

Product Name: Mixture					
ACGIH	**IARC**	**EPA**	**NIOSH**	**NTP**	**OSHA**
No	No	No	No	No	No

TARGET ORGANS : N/A

12. Ecological Information

Ecotoxicity : N/A

Persistence and Degradability : N/A

Bioaccumulative Potential : N/A

Product / Ingredient	Log $_{Pow}$	BCF	Potential
-	-	-	-

Mobility in Soil : N/A

13. Disposal Considerations

Disposal of Container : Coagulate emulsion with ferric chloride alternating with lime. Dispose of in accordance with applicable local, county, state and federal regulations.

14. Transport Information

This product is not regulated as a hazardous material, substance or dangerous good.

15. Regulatory Information

SARA 302 Extremely Hazardous Substance (EHS) : No chemicals in this product are listed as an Extremely Hazardous Substance (EHS) under Section 302 of EPCRA.

SARA 304 Extremely Hazardous Substance (EHS) : No chemical in this product is listed as an Extremely Hazardous Substance (EHS) which would require reporting under Section 304 of EPCRA if released to the environment in quantities at or above the RQ (reportable quantity).

SARA 311/312 Hazard Classifications :

Sara 311/312 Hazards				
Acute	Chronic	Flammability	Pressure	Reactivity
No	No	No	No	No

SARA 313 Supplier Notification : No chemicals in this product are subject to the reporting requirements of Section 313 of EPCRA (40 CFR 372) and Section 6607 of the Pollution Prevention Act.

CERCLA Hazardous Substance : No chemical in this product is listed as a CERCLA hazardous substance subject to release reporting requirements to the National Response Center (NRC).

Clean Air Act (CAA) : No chemical in this product is listed as an air pollutant under the U.S. Clean Air Act, Section 112(r) (40 CFR 61).

California Prop 65 : This product does not contain any chemicals known to the state of California to cause cancer and birth defects or other reproductive harm.

Label Warning : This product does not require hazard label warnings.

TSCA (Toxic Substances Control Act) : All chemical substances in this product are listed on the U.S. TSCA Inventory List.

16. Other Information

Revision date : 05/17/2015
Supersedes : 10/08/2009
First Issue : 03/31/1992

Chemical Family/Type : Acrylic Styrene Copolymer Emulsion

Section(s) changed since last revision : MSDS to First Issue SDS Conversion

IMPORTANT! Read this SDS before use or disposal of this product. Pass along the information to employees and any other persons who could be exposed to the product to be sure that they are aware of the information before use or other exposure. This SDS has been prepared in accordance with the Globally Harmonized System of Chemical and Labeling of Chemicals (GHS) Fifth Edition and the OSHA Hazard Communication Standard [29 CFR 1910.1200]. The SDS information is based on sources believed to be reliable. Available data, safety standards, and government regulations are subject to change and the

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