



## MATERIAL SAFETY DATA SHEET

For industrial use only

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### 1. PRODUCT AND COMPANY INFORMATION

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Product Name: Basecrete  
Product Type: Acrylic Emulsion  
Manufacturer: Basecrete Technologies LLC  
6148 Clark Center Ave  
Sarasota, FL 34238  
Info @ BasecreteUSA.com  
+1 941 312 5142  
Print Date: August 2015

EMERGENCY TELEPHONE NUMBER

**For Emergency Medical Assistance call;**

**Health & Safety Information Services: 1-866-303-6949**

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### 2. HAZARDS IDENTIFICATION

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Form: Liquid  
Odor: Slight acrylate

## 2. HAZARDS IDENTIFICATION cont.

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OSHA/HCS status: While this material is not considered hazardous by the OSHA Hazard Communication Standard {29 CFR 1910, 1200}, this MSDS contains valuable information critical to the safe handling and proper use of the product. This MSDS should be retained and available for employees and other users of this product.

Emergency overview: **NOT EXPECTED TO PRODUCE SIGNIFICANT ADVERSE HEALTH EFFECTS WHEN THE RECOMMENDED INSTRUCTIONS FOR USE ARE FOLLOWED.**

### Potential acute health effects;

Inhalation: Exposure to airborne concentrations above statutory or recommended Exposure limits may cause irritation of the nose, throat and lungs.

Ingestion: Not expected to be harmful under normal conditions of use.

Skin: May cause irritation with prolonged or repeated contact.

Eyes: May cause eye irritation.

### Potential chronic health effects

Chronic effects: No known significant effects or critical hazards.

Carcinogenicity: No known significant effects or critical hazards.

Mutagenicity: No known significant effects or critical hazards.

Teratogenicity: No known significant effects or critical hazards.

Developmental effects: No known significant effects or critical hazards.

Fertility effects: No known significant effects or critical hazards.

Target organs: Review Section 2 and 11 for any additional assessments.

### Over-exposure signs/symptoms

Inhalation: No specific data.

Ingestion: No specific data.

Skin: No specific data.

Eyes: No specific data.

Medical conditions aggravated by over-exposure: None Known

See section 11 for more detailed information on health effects and symptoms.

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### 3. COMPOSITION / INFORMATION ON INGREDIENTS

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There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, which are classified as hazardous to health or the environment and hence require reporting in this section.

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### 4. FIRST AID MEASURES

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**Eye contact:** Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.

**Skin contact:** Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.

**Inhalation:** Move exposed person to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms occur.

**Ingestion:** Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention if symptoms occur.

**Notes to physician:** No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

**See section 11 for more detailed information on health effects and symptoms.**

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## 5. FIREFIGHTING MEASURES

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Flammability of the product:	In a fire or if heated, an increase in pressure will occur and the container may burst.
Extinguishing media:	Use an extinguishing agent suitable for the surrounding fire.
Non Suitable Extinguishing media:	None known.
Special exposure hazards:	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Hazardous combustion products:	No specific data.
Special protective equipment for fire-fighters:	

**Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.**

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## 6. ACCIDENTAL RELEASE MEASURES

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Personal precautions:	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see section 8).
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## 6. ACCIDENTAL RELEASE MEASURES cont.

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Environmental precautions: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Large spill: Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see section 1 for emergency contact information and section 13 for waste disposal.

Small spill: Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble or absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

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## 7. HANDLING AND STORAGE

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Handling: Put on appropriate personal protective equipment (see section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

## **7. HANDLING AND STORAGE cont.**

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Storage: Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

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## **8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

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### **Control parameters**

Exposure limits are listed below, if they exist.

Exposure Controls: None

Engineering measures: No special ventilation requirements. Good general ventilation should be sufficient to control worker exposure to airborne contaminants. Refer to the current edition of Industrial Ventilation: A Manual of Recommended Practice for information on the design and use of exhaust systems.

Hygiene measures: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION cont.

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### Individual Protection measures

Eye/face protection:	Safety glasses with side-shields. Eye protection used must be compatible with any respiratory protection system employed
Skin / Hand Protection:	Neoprene gloves may provide protection against permeation
Respiratory Protection:	None required under normal operating conditions.  A respiratory protection program meeting OSHA 1910.134 and ANSI Z88.2 requirements or equivalent must be followed whenever workplace conditions warrant a respirators use.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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### Appearance;

Physical state	Liquid
Color	White milky
Odor	Mild
Odor threshold	no data available
PH	8 – 10
Boiling Point	100° C / 212° F
Flash point	non combustible
Flammability	not applicable
Upper/lower explosion limit	not applicable
Vapor pressure	no data available
Relative Density	1.01 – 1.03
Water Solubility	Dilutable
Auto ignition temperature	Not applicable
Partition coefficient n-octanol/water	Not available
Viscosity	Dynamic- 10 - 800 mPa's
Typical % solids	46-50% (m)

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## 10. STABILITY AND REACTIVITY

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Stability	The product is stable. Under normal conditions of storage and use, hazardous polymerization will not occur.
Conditions to avoid	Strong oxidizer
Materials to avoid	No specific data
Hazardous decomposition Products	Under normal conditions of storage and use, hazardous decomposition products should not be produced

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## 11. STABILITY AND REACTIVITY

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There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

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## 12. ECOLOGICAL INFORMATION

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Environmental effects:	No known significant effects or critical hazards.
Other adverse effects:	No known significant effects or critical hazards.

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## 13. DISPOSAL CONSIDERATIONS

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Waste disposal: The generation of waste should be avoided or minimized wherever possible. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.



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## 14. TRANSPORT INFORMATION

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DOT	Not regulated for transport
Sea Transport ( IMO-IMDG0 )	Not regulated for transport
Air Transport ( IATA/ICAO )	Not regulated for transport

This information is not intended to convey all specific regulatory requirements relating to this product. Additional information can be obtained through an authorized sales or customer service representative. It is the responsibility of the transporting organization to follow all applicable laws and regulations relating to the transportation of the material.

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## 15. REGULATORY INFORMATION

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### **OSHA Hazard Communication Standard;**

This product is considered non-hazardous under the OSHA Hazard Communication Standard (29CFR1910.1200)

### **Superfund Amendments and Reauthorization act Of 1986 Title III Sect. 311 & 312**

This product is not a hazardous chemical under 29CFR1910.1200, and therefore is not covered by title III of SARA

### **Superfund Amendments and Reauthorization act Of 1986 Title III Section 313**

This product does not contain a chemical which is listed in Section 313 at or above the minimum concentrations

### **United States TSCA Inventory**

All components of this product are in compliance with the inventory listing requirements of the US Toxic Substances Control Act Chemical Substance Inventory.

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## 15. OTHER INFORMATION

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### Hazard Rating System HMIS

Health	Flammability	Physical Hazard
1	0	0

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**15. OTHER INFORMATION cont.**

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Prepared by	Product Safety & Regulatory Compliance Group
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**Notice**

The information provided herein was believed by Basecrete Technologies LLC to be accurate at the time of preparation and prepared from sources believed to be reliable. However no warranty, express or implied, is given. Basecrete Technologies LLC recommends that every customer study this MSDS carefully and consult appropriate expertise as required becoming aware of and fully understanding the data contained in this MSDS and any hazards associated with this product. Regulatory requirements are subject to change and may differ between various locations. It is the responsibility of the buyer/user of this product to ensure that his activities comply with all federal, state, provincial or local laws.