

# MATERIAL SAFETY DATA SHEET

LIFE-CALK (WHITE)

FILE NO.: 0001  
MSDS DATE: 02/19/2009

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Life Calk (White)  
**SYNONYMS:** Polysulfide Sealant, Polysulfide Caulk  
**PRODUCT CODES:** 1305, 1030, 1033, 1372

**MANUFACTURER:** Life Industries Corporation  
**DIVISION:** Manufacturing  
**ADDRESS:** 4060 Bridge View Drive  
N. Charleston, SC 29405

EMERGENCY PHONE (USA): 1-800-424-9300  
EMERGENCY PHONE (Outside USA): 1-703-527-3887  
OTHER CALLS: 1-800-262-8200  
FAX PHONE: (843)-566-1275

PRODUCT USE: Deck Sealant, Bedding Compound, General Sealant

## SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

### INGREDIENT(S):

#### 1.) Barium Hydroxide

<u>CAS NO.</u>	<u>% WT</u>	<u>% VOL</u>	<u>SARA 313 REPORTABLE</u>
17194-00-2	6-10	NA	NA

\*\*The values reported below are for barium concentration; the hydroxide present in anhydrous form does not contribute to the value.

	<u>ppm</u>	<u>mg/m3</u>
OSHA PEL-TWA:	NA	0.5
OSHA PEL STEL :	NA	NA
OSHA PEL CEILING:	NA	NA
ACGIH TLV-TWA:	NA	0.5
ACGIH TLV STEL:	NA	NA
ACGIH TLV CEILING:	NA	NA

#### 2.) Calcium Peroxide

<u>CAS NO.</u>	<u>% WT</u>	<u>% VOL</u>	<u>SARA 313 REPORTABLE</u>
1305-79-9	6-10	NA	NA

\*\*Exposure limits are not available.

#### 3.) Toluene

<u>CAS NO.</u>	<u>% WT</u>	<u>% VOL</u>	<u>SARA 313 REPORTABLE</u>
108-88-3	< 2%	NA	Yes

  

	<u>ppm</u>	<u>mg/m3</u>
OSHA PEL-TWA:	NA	100
OSHA PEL STEL :	NA	NA
OSHA PEL CEILING:	NA	150
ACGIH TLV-TWA:	50	NA
ACGIH TLV STEL:	NA	NA
ACGIH TLV CEILING:	NA	NA

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## SECTION 3: HAZARDS IDENTIFICATION

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**EMERGENCY OVERVIEW:** DANGER! Emits toxic fumes when exposed to open flames/excessively high temperatures.

**ROUTES OF ENTRY:** INGESTION, SKIN CONTACT, EYE CONTACT

### POTENTIAL HEALTH EFFECTS

**EYES:** May cause irritation.

**SKIN:** May cause irritation.

**INGESTION:** Not known. See section 4 for course of action.

**INHALATION:** Inhalation is not an expected hazard unless misted or heated to high temperatures.

**ACUTE HEALTH HAZARDS:** N/A

**CHRONIC HEALTH HAZARDS:** No information found.

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** NA

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## SECTION 4: FIRST AID MEASURES

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**EYES:** Immediately flush eyes with gentle but large stream of water for at least 15 minutes. Call a physician immediately.

**SKIN:** Immediately flush skin with plenty of water for at least 15 minutes. If irritation persist contact a physician.

**INGESTION:** If swallowed, DO NOT INDUCE VOMITING. Give large quantities of water. Never give anything by mouth to an unconscious person. Get medical attention immediately

**INHALATION (Burning Material):** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician immediately.

**NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:** Treat symptomatically and supportively.

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## SECTION 5: FIRE-FIGHTING MEASURES

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**EXTINGUISHING MEDIA:** Foam, CO<sub>2</sub>, dry chemical. DO NOT ATTEMPT TO EXTINGUISH WITH WATER.

**SPECIAL FIRE FIGHTING PROCEDURES:** In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Not considered to be an explosion hazard.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Sulfur Oxides, Carbon Oxides, Carbon Sulfide, Hydrogen Sulfide

**SECTION 5 NOTES:**

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

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**ACCIDENTAL RELEASE MEASURES:** Confine spill and place in a closed container. Wipe up excess with dry rags and place in a closed container.

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## SECTION 7: HANDLING AND STORAGE

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**HANDLING AND STORAGE:** Avoid contact with skin and eyes by using personal protective equipment; product is moisture sensitive (store in a dark, DRY place). BE SURE TO HAVE PROPER VENTILLATION TO MINIMIZE EXPOSURE TO VAPORS.

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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**ENGINEERING CONTROLS:** Use adequate ventilation to keep airborne concentrations low.

**RESPIRATORY PROTECTION:** Not generally required.

**EYE PROTECTION:** Goggles

**SKIN PROTECTION:** PVC or rubber gloves.

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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**APPEARANCE:** Thick White Paste

**ODOR:** Characteristic polysulfide odor, sulfur gives a distinct odor that most would consider "foul."

**PHYSICAL STATE:** Thick White Paste

**pH AS SUPPLIED:** NA

**pH (Other):**

**BOILING POINT:**

F: NA

C: NA

**MELTING POINT:**

F: NA

C: NA

**FREEZING POINT:**

F: NA

C: NA

**VAPOR PRESSURE (mmHg):** NA

**VAPOR DENSITY (AIR = 1):** NA

**SPECIFIC GRAVITY (H<sub>2</sub>O = 1):** NA

**EVAPORATION RATE:** NA

**BASIS (=1):**

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (con't)

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**SOLUBILITY IN WATER:** Insoluble

**PERCENT VOLATILE:** 2 %

BY VOL @

F: NA

C: NA

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## SECTION 10: STABILITY AND REACTIVITY

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**STABILITY:** Stable under ordinary conditions of use and storage.

**CONDITIONS TO AVOID (STABILITY):** NA

**INCOMPATIBILITY (MATERIAL TO AVOID):** Strong oxidizing agents.

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** Sulfur Oxides (Contact with water could produce sulfuric acid; this is only a concern for large amounts of material engulfed in flames).

**HAZARDOUS POLYMERIZATION:** Will not occur.

**CONDITIONS TO AVOID (POLYMERIZATION):** N/A

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## SECTION 11: TOXICOLOGICAL INFORMATION

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### TOXICOLOGICAL INFORMATION:

No toxicological information is available for this product.

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## SECTION 12: ECOLOGICAL INFORMATION

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### ECOLOGICAL INFORMATION:

No ecological information available.

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## SECTION 13: DISPOSAL CONSIDERATIONS

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Dispose of in a manner consistent with federal, state, and local regulations.

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## SECTION 14: TRANSPORT INFORMATION

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### U.S. DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME: NA

HAZARD CLASS: NA

ID NUMBER: NA

PACKING GROUP: NA

LABEL STATEMENT: NA

SECTION 14 NOTES: This product does not require DOT labeling considering that the major component of the material is non-regulated by the laws governing domestic and international transportation; the chemicals listed within this MSDS are in a physical state or in such low concentrations that they do not apply to this section.

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## SECTION 15: REGULATORY INFORMATION

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### U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): NA

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): NA

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): NA

311/312 HAZARD CATEGORIES: NA

313 REPORTABLE INGREDIENTS: NA

STATE REGULATIONS: NA

INTERNATIONAL REGULATIONS: NA

### SECTION 15 NOTES:

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## OTHER INFORMATION: SECTION 16: OTHER INFORMATION

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### European Risk Phrases:

R 25, R 36/38

### European Safety Phrases:

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**S2, S3, S24/25, S37/39, S41, S51**

**DISCLAIMER: The information and recommendations contained herein are based upon data believed to be correct. Life Industries Corporation assumes no liability for misinterpretation of the data contained within this form as any type of warranty or guarantee of the product.**

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