

Material Name: Super Calstik, CalBond

**Section 1 - Chemical Product and Company Identification**

Product Name: Super Calstik, CalBond  
CAS# Mixture/None Assigned  
Generic Name: Adhesive (Industrial)  
Formula: Mixture  
Chemical Name: Mixture

Manufacturer Information  
Industrial Insulation Group, LLC  
2100 Line Street  
Brunswick, Ga. 31520  
Emergency: 800-872-0338

Trade Names: Super Calstik; CalBond

**Section 2 - Composition / Information on Ingredients**

CAS #	Component	Percent
1317-65-3	Calcium Carbonate	40 – 60%
9003-55-8	Styrene-Butadiene polymer	15 – 25%
9003-04-7	Sodium Polyacrylate	1 – 5%
1317-80-2	Titanium dioxide	1 - 10%
1344-09-8	Sodium silicate	15 – 30%

Component Related Regulatory Information  
This product may be regulated, have exposure limits or other information identified as the following: Nuisance particulates.

**Section 3 - Hazards Identification**

Emergency Overview

APPEARANCE AND ODOR: Yellow or white, liquid. Faint odor.

Rubber gloves should be worn to prevent skin contact and irritation. Skin irritation may be treated by gently washing affected area with soap and warm water.

Goggles or safety glasses with side shields are recommended. Eye irritation may be treated by flushing eyes with large amounts of water. If irritation persists, contact a medical professional.

In the event of fire, use normal fire fighting procedures to prevent inhalation of smoke and gases from other products.

Potential Health Effects

Summary

May cause skin or eye irritation upon prolonged or repeated contact.

Inhalation

Not applicable

Skin

Temporary irritation, and dry skin may occur.

Absorption

Not applicable

Ingestion

This product is not intended to be ingested or eaten under normal conditions of use. If ingested, it may cause temporary irritation to the gastrointestinal (GI) tract, especially the stomach.

Eyes

Temporary irritation (itching) or redness may occur.

Target Organs  
Skin and eyes.  
Primary Routes of Entry (Exposure)  
Skin and eyes.  
Medical Conditions Aggravated by Exposure  
Pre-existing skin or eye diseases or conditions

#### Section 4 - First Aid Measures

First Aid: Inhalation  
Not applicable  
First Aid: Skin  
Wash gently with soap and warm water.  
First Aid: Ingestion  
If the material is swallowed, get immediate medical attention or advice -- Give several glasses of water or milk.  
First Aid: Eyes  
Do not rub or scratch your eyes. Dust particles may cause the eye to be scratched. Flush eyes with large amounts of water for 5-15 minutes. If irritation persists, contact a medical professional.  
First Aid: Notes to Physician  
This product is a mechanical irritant, and is not expected to produce any chronic health effects from acute exposures. Treatment should be directed toward removing the source of irritation with symptomatic treatment as necessary.

#### Section 5 - Fire Fighting Measures

Flash Point:	Not applicable	Method Used:	Not applicable
Upper Flammable Limit (UFL):	Not applicable	Lower Flammable Limit (LFL):	Not applicable
Auto Ignition:	Not determined	Flammability Classification:	Not determined
Rate of Burning:	Not determined		

General Fire Hazards  
There is no potential for fire or explosion.  
Extinguishing Media  
No special procedures are expected to be necessary for this product. Normal fire fighting procedures should be followed to avoid inhalation of smoke and gases.  
Fire Fighting Equipment/Instructions  
No special procedures are expected to be necessary for this product. Normal fire fighting procedures should be followed to avoid inhalation of smoke and gases.

#### Section 6 - Accidental Release Measures

Containment Procedures  
Spilled material is slippery and should not be walked on. Mix with dry absorbent and clean up.  
Clean-Up Procedures  
Wastes are not hazardous as defined by the Resource Conservation and Recovery Act (RCRA; 40 CFR 261). Comply with state and local regulations for disposal of these products. If you are unsure of the regulations, contact your local Public Health Department, or the local office of the Environmental Protection Agency (EPA).

#### Section 7 - Handling and Storage

Handling Procedures  
Use protective equipment as described in Section 8 of this material safety data sheet when handling uncontained material.  
Storage Procedures  
Do not store in aluminum tanks, as alkalinity will attack aluminum. Avoid freeze/thaw in storage. Avoid storage at temperatures above 35°C (95°F). The material thickens in high temperature storage

#### Section 8 - Exposure Controls / Personal Protection

A: Component Exposure Limits  
Calcium Carbonate(1317-65-3)  
ACGIH: 10 mg/m3 TWA  
OSHA: total dust: 15 mg/m3 TWA; respirable fraction: 5 mg/m3 TWA  
Sodium Silicate (1344-09-8)  
ACGIH: inhalable particulate: 10 mg/m3 TWA; respirable particulate: 3 mg/m3 TWA (related to Particulates not otherwise classified (PNO))  
OSHA: total dust: 15 mg/m3 TWA; respirable fraction: 5 mg/m3 TWA (related to Particulates not otherwise regulated)

Sodium Polyacrylate (9003-04-7)  
 Exposure limits not established

Styrene Butadiene Polymer (9003-55-8)  
 Exposure limits not established

Titanium Dioxide (1317-80-2)  
 ACGIH: 10 mg/m3 TWA  
 OSHA: total dust: 10 mg/m3 TWA

**PERSONAL PROTECTIVE EQUIPMENT**

Personal Protective Equipment: Eyes/Face  
 Safety glasses with side shields are recommended to keep dust out of the eyes.

Personal Protective Equipment: Skin  
 Rubber gloves should be used to help prevent excessive skin contact. Dried material is difficult to wash off.

Personal Protective Equipment: Respiratory  
 Not applicable

Ventilation  
 General dilution ventilation should be provided as necessary as vapors may be offensive to some individuals. The need for ventilation systems should be evaluated by a professional industrial hygienist, while the design of specific ventilation systems should be conducted by a professional engineer.

Personal Protective Equipment: General  
 No additional information available.

**Section 9 - Physical & Chemical Properties**

Appearance:	Yellow or white	Odor:	Faint odor
Physical State:	Liquid	pH:	10.7
Vapor Pressure:	Not applicable	Vapor Density:	Not applicable
Boiling Point:	Not applicable	Melting Point:	Not determined
Solubility (H2O):	Miscible when wet	Specific Gravity:	Not applicable
Freezing Point:	Not applicable	Solids Content	62% by weight
Evaporation Rate:	Not applicable	Viscosity:	7200 to 8500 cps
Percent Volatile:	0	VOC:	Not applicable

**Section 10 - Chemical Stability & Reactivity Information**

Chemical Stability  
 This is a stable material. This product is not reactive.

Chemical Stability: Conditions to Avoid  
 Freeze/thaw causes the product to separate.

Incompatibility  
 Reacts with acid to form a gel. Will stain aluminum when wet.

Hazardous Decomposition  
 None identified.

Hazardous Polymerization  
 Will not occur.

**Section 11 - Toxicological Information**

Acute and Chronic Toxicity

A: General Product Information  
 The primary acute health effects of this product include mechanical irritation of the skin and eyes and skin dryness as a result of contact with amorphous silica.

B: Component Analysis - LD50/LC50  
 No LD50/LC50's are available for this product's components.

Carcinogenicity

A: General Product Information  
 The Occupational Safety and Health Administration (OSHA), National Toxicology Program (NTP), International Agency for Research on Cancer (IARC), and American Conference of Governmental Industrial Hygienists (ACGIH) have not classified this product in its entirety as a carcinogen.

B: Component Carcinogenicity

Calcium Carbonate (1317-65-3)  
 ACGIH: A4 - Not Classifiable as a Human Carcinogen

Styrene-Butadiene polymer (9003-55-8)  
 IARC: Monograph 19, Supplement 7; 1987 (Group 3 (not classifiable))

Titanium dioxide (1317-80-2)  
 ACGIH: A4 - Not Classifiable as a Human Carcinogen  
 IARC: Monograph 47; 1989 (Group 3 (not classifiable))

Chronic Toxicity  
 May cause skin irritation upon prolonged or repeated contact.

## Section 12 - Ecological Information

### Ecotoxicity

#### A: General Product Information

No data available for this product.

#### B: Component Analysis - Ecotoxicity - Aquatic Toxicity

No ecotoxicity data are available for this product's components.

## Section 13 - Disposal Considerations

### US EPA Waste Number & Descriptions

#### A: General Product Information

This product, as supplied, is not regulated as a hazardous waste by the U.S. Environmental Protection Agency (EPA) under Resource Conservation and Recovery Act (RCRA) regulations. Comply with state and local regulations for disposal. If you are unsure of the regulations, contact your local Public Health Department, or the local office of the EPA.

#### B: Component Waste Numbers

No EPA Waste Numbers are applicable for this product's components.

### Disposal Instructions

Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.

## Section 14 - Transportation Information

### US DOT Information

Shipping Name: This product is not classified a hazardous material for transport.

## Section 15 - Regulatory Information

### US Federal Regulations

#### A: General Product Information

No information on this product as a whole.

#### B: Component Analysis

None of this products components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), or CERCLA (40 CFR 302.4).

### State Regulations

#### A: General Product Information

No information available for the product.

### Other Regulatory Information

#### A: General Product Information

No information available for the product.

#### B: TSCA Status

This product and its components are listed on the TSCA 8(b) inventory.

None of the components listed in this product are listed on the TSCA Export Notification 12(b) list.

### Component Analysis - WHMIS IDL

No components are listed in the WHMIS IDL.

### WHMIS Classification

This material is classified as Class E--Corrosive Material based on its pH of 12.5-13.

### International Regulations

#### A: General Product Information

##### Canada Workplace Hazardous Materials Information System (WHMIS):

Product classified as a manufactured article as defined in HPA section 11(1).

#### B: Component Analysis - WHMIS IDL

No components are listed in the WHMIS IDL.

## Section 16 - Other Information

### Other Information

Prepared for:

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As of the date of preparation of this document, the foregoing information is believed to be accurate and is provided in good faith to comply with applicable federal and state law(s). However, no warranty or representation with respect to such information is intended or given.

