



# Material Safety Data Sheet

**IMPORTANT:** Provide this information to employees, customers, and users of this product. Read this MSDS before handling or disposing of this product. This product is covered by the OSHA Hazard Communication Standard and this document has been prepared in accordance with requirement of this standard. All abbreviated terms used in this MSDS are further described in Section 16.

## Section 1 - Chemical Product/Company Information

**Product Name:** Silicone Sealant

**Brand Name:** BLD

**Model Number:** BLD-880

**Revision Date:** 30/06/2020

**Supersedes:** 30/06/2020

**Manufacture:** Shandong Baolongda Industry Group Co., Ltd.

NO.008 Yinglong Road, Longshan High-tech Industrial Park, Linqu County,  
Shandong Province, 262618, China.

+86 (536) 3350888(non-emergency matters)

## Section 2 - Composition/Information on Ingredients

Chemical Name	CAS No	WT%
Dimethyl Siloxane, Hydroxy-terminated	31692-79-2	>55%
Nano calcium carbonate	471-34-1	40%

## Section 3 - Hazards Identification

Emergency Overview And Potential Hazards:

This material is not hazardous under OSHA criteria. This material is not hazardous under WHMIS criteria.

**Physical Hazards:** No known physical hazards.

**Acute Health Effects**

**Route Of Entry Or Possible Contact:** eyes, skin, ingestion

**Eyes:** Direct contact May cause slight eye irritation.

**Skin:** No acute toxic effects are expected.

**Inhalation:** Inhalation is not expected due to low vapor pressure.

**Ingestion:** Not expected in industrial use.

**Additional Information On Acute Health Effects:**

The toxicological evaluation is based on test results with a similar product.



## Section 4-First Aid Measures

**General Condition:** Get medical attention if irritation or other symptoms occur. Before seeking medical attention remove contaminated clothing and shoes. Take a copy of the Safety Data Sheet when going for medical treatment.

**First Aid-Eye Contact:** Immediately hold eyelids apart and flush with plenty of water for at least 15 min.

**First Aid-Skin Contact:** Wipe off excess material with cloth or paper. Use a waterless hand cleaner to remove as much of the remaining material as possible. Wash with soap and water.

**First Aid-Inhalation:** Material cannot be inhaled under normal conditions. No special measures required.

**First Aid-Ingestion:** No special treatment is required.

## Section 5-Fire Fighting Measures

**Fire/Explos, Hazard:** Product is non-flammable.

**Hazardous Combustion:** Combustion products include oxides of carbon, silicon dioxide and formaldehyde.

**Hazardous decomposition or Byproducts:** Oxides of carbon, silicon dioxide and formaldehyde.

**Fire Fighting Precautions:** Fire fighters should wear full protective clothing and self-contained breathing apparatus.

**Extinguishing Media:** Use dry chemical, carbon dioxide or foam to extinguish fire. Use water spray to cool storage tanks, pipelines and fire-exposed surfaces.

**Hazchem Code:** None Allocated.

## Section 6-Accidental Release Measures

**6.1 Personal precautions:** Ensure adequate ventilation. Avoid skin and eye contact. Do not take internally.

**6.2 Environmental Precautions:** Do not allow large quantities to enter drains or surface waters.

**6.3 Methods for Clearing up:** Wipe up or scrape up and contain for salvage or disposal. Final cleaning may require use of steam, solvents or detergents.

## Section 7-Handling and Storage

**Handling:** Be sure of adequate air ventilation. Avoid skin and eye contact. Avoid breathing vapor. Do not take internally. Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking or smoking.

**Storage:** Use reasonable care and store away from oxidizing materials. Keep container closed and store away from water or moisture.



## Section 8-Exposure Control/Personal Protection

### 8.1 Engineering Control:

Local Ventilation: None should be needed.

General Ventilation: Recommended

### 8.2 Personal Protective Equipment for Routine Handling:

Hand protection: Chemical protective gloves should be worn.

Respiratory Protection: No respiratory protection needed.

Suitable Respirator: None should be needed.

Eye Protection: Use chemical worker's goggle.

Skin Protection: Wash at mealtimes and end of shift. If skin contact occurs, change contaminated clothing as soon as possible.

Hygiene Measures: Keep a good hygiene practice. Wash after handling, especially before eating, drinking and smoking.

Wash at mealtimes and end of shift. If skin contact occurs, change contaminated

### 8.3 Personal Protective Equipment for Spills:

Respiratory Protection: No respiratory protection needed.

Eye Protection: Use chemical worker's goggle

Skin Protection: Wash at mealtimes and end of shift. If skin contact occurs, change contaminated clothing as soon as possible.

Precautionary Measure: Avoid skin and eye contact. Do not take internally. Use reasonable care.

Comments: Product evolves acetic acid when exposed to water or humid air. Provide ventilation during use to control acetic acid within exposure guidelines or use respiratory protection.

## Section 9-Physical and Chemical Properties

**Appearance:** Paste

**Melting Point:** Not available

**Boiling Point:** Not available

**Specific Gravity:** 1.38 g/ml

**Solubility in Water:** Not available

**PH:** Not available

**Odor:** Oxime odor

**Explosive Property:** Not available

## Section 10-Stability and Reactivity

**Conditions to Avoid:** Extremes of temperature and direct sunlight.

**Hazardous Reaction:** Hazardous polymerization will not occur.

**Hazardous Decomposition Products:** Carbon oxide and trace of incompletely burned carbon compounds, silicon dioxide and formaldehyde.

**Stability:** Stable under normal conditions of storage and handling.



## Section 11-Toxicological Information

### 11.1 Acute Oral Toxicity:

Low ingestion hazard in normal use.

### 11.2 Acute Dermal Toxicity:

May cause moderate irritation

### 11.3 Acute Inhalation Toxicity:

Irritates respiratory passages very slightly

### 11.4 Sub-Acute:

No known applicable information.

### 11.5 Other Health Hazard information:

No known applicable information.

## Section 12-Ecological Information

### 12.1 Environmental Fate and Distribution

Solid material, insoluble in water. No adverse effects are predicted.

### 12.2 Environmental Effects

No adverse effects on aquatic organisms are predicted.

Bioaccumulation: No bioaccumulation potential

### 12.3 Fate and Effect in Waste Water Treatment Plants

No adverse effects on bacteria are predicted.

## Section 13-Disposal Information

**Disposal Information:** Dispose of material in accordance with all federal, state and local regulations. State and Local regulations/restrictions is complex and may differ from Federal regulations. Responsibility for proper waste disposal is with the owner of the waste.

## Section 14-Transportation Information

Sea Transport (IMDG): Not subject to IMDG code. Air.

Transport (IATA): Not subject to IATA regulations.

Special Requirements and Additional Information: None.

## Section 15-Regulatory Information

### 15.1 Toxic Chemicals:

No subject chemicals

### 15.2 Observational Chemicals:

No subject chemicals

### 15.3 Prohibited Chemicals:

No subject chemicals

## Section 16-Other Information

**IMPORTANT ADVICE:** This MSDS summarizes our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including its use in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact Shandong Baolongda Industry Group Co., Ltd. Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request.

**Company Name:** Shandong Baolongda Industry Group Co.,Ltd.

**Date:** 30/06/2020