

# Material Safety Data Sheet

QUICK IDENTIFIER (In Plant Common Name)

**CHEM-CALK 1100 SILICONE**

Manufacturer's Name **BOSTIK CONSTRUCTION PRODUCTS**  
Address **County Line and New Rds. \*  
Huntingdon Valley, PA 19006**  
Signature of Person Responsible for Preparation *John W. Duffly*  
Emergency Telephone No. **215-357-0756/58**  
Other Information Calls **215-674-5600**  
Date Prepared **11/18/85**

## SECTION 1 - IDENTITY

Common Name: (used on label) **Chem-Calk 1100 Silicone Sealant** Cas No. **Not Registered**  
(Trade Name & Synonyms)  
Chemical Name **Not Applicable** Chemical Family **Silicone (Polysiloxane)**  
Formula **Not Applicable**

## SECTION 2 - HAZARDOUS INGREDIENTS

Principal Hazardous Component(s) (chemical & common name(s))	%	Threshold Limit Value (units)
Alkyl Acetoxy Silane CAS-4253.34.3 and 17689.77.9	3.1	Not applicable
By Product - Acetic Acid CAS-64.19.7	<1.0	10 ppm (twa)
Mixed Aromatic Hydrocarbons "100" CAS-64742.95.6	5.1	50 ppm (twa)

## SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS (Fire & Explosion Data)

Boiling Point <b>&gt;311°F</b>	Specific Gravity (H <sub>2</sub> O=1) <b>1.5</b>	Vapor Pressure (mm Hg) <b>&lt;1.0</b>
Percent Volatile by Volume (%) <b>9</b>	Vapor Density (Air = 1) <b>&gt;1.0</b>	Evaporation Rate (BUAC = 1) <b>&lt;0.19</b>
Solubility in Water <b>Negligible</b>	Reactivity in Water <b>Not applicable</b>	
Appearance and Odor <b>Thick paste with vinegar odor</b>		

Flash Point <b>&gt;120°F</b>	Flammable Limits in Air % by Volume <b>1.0 - 6.5</b>	Extinguisher Media <b>Dry Chemical</b>	Auto-Ignition Temperature <b>&gt;450°F</b>
Special Fire Fighting Procedures <b>Fire Fighters should wear self-contained breathing apparatus and protective clothing</b>			

Unusual Fire and Explosion Hazards **None known**

## SECTION 4 - PHYSICAL HAZARDS

Stability  Unstable  Conditions  
Stable  to Avoid

Incompatibility  
(Materials to Avoid) None known

Hazardous  
Decomposition Products None known

Hazardous  May Occur  Conditions  
Polymerization Will Not Occur  to Avoid

## SECTION 5 - HEALTH HAZARDS

Threshold  
Limit Value 10 ppm (twa) for acetic acid; 50 ppm (twa) for mixed aromatic hydro-  
carbon

Signs and Symptoms of Exposure 1. Acute Overexposure Dizziness, nausea, headache, respiratory or skin irritation  
2. Chronic Overexposure Dermatitis, skin absorption leading to possible liver or kidney damage

Medical Conditions Generally Aggravated by Exposure Asthma or other respiratory disorders

Chemical Listed as Carcinogen or Potential Carcinogen National Toxicology Program Yes  No  I.A.R.C. Monographs Yes  No  OSHA Yes  No

OSHA Permissible Exposure Limit N/A. ACGIH Threshold Limit Value 50 ppm (twa) Other Exposure Limit Used N/A.

Emergency and First Aid Procedures

- Inhalation Remove to fresh air
- Eyes Flush with water at least 15 minutes, consult physician
- Skin Wash with soap and water
- Ingestion Call physician and poison control center immediately

## SECTION 6 - SPECIAL PROTECTION INFORMATION

Respiratory Protection (Specify Type) Adequate ventilation; organic vapor mask in confined areas

Ventilation Positive  Local Exhaust N/A. Mechanical (General) N/A. Special N/A. Other N/A.

Protective Gloves Yes - Solvent Resistant Eye Protection Safety glasses or goggles

Other Protective Clothing or Equipment Not Required

## SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions to be Taken in Handling and Storage Avoid direct heat, open flames or sparks

Other Precautions Store in cool, dry areas; keep container closed when not in use

Steps to be Taken in Case Material is Released or Spilled Cover spill with absorbent material. Place in appropriate waste container.

Waste Disposal Methods Dispose of as potentially hazardous waste in accordance with local, state and federal regulations.

### IMPORTANT

Do not leave any blank spaces. If required information is unavailable, unknown, or does not apply, so indicate.

N/A = NOT APPLICABLE