

Material Safety Data Sheet

SC-5004 SILICONE PRIMER

Date of Preparation: 03/31/2003

Revision: 03/31/2003

Section 1 - Chemical Product and Company Identification

Product Name: SC-5004 SILICONE PRIMER

Product Class: Elastomer adhesive

Chemical Type: Polysiloxane in organic solvents

Manufacturer: BJB Enterprises, Inc., 14791 Franklin Avenue, Tustin, CA 92780, Phone (714) 734-8450, Fax (714) 734-8929, (M-Th: 8-4:30, F: 7:30-4), Emergency Phone: Chemtrec (800) 424-9300 or (703) 527-3887

Section 2 - Composition / Information on Ingredients

Ingredient Name	CASRN
1. Organopolysiloxane resin	NL
2. Tin Salts	NL
3. n-Butyl alcohol	71-36-3
4. Methyl alcohol	67-56-1
5. Ethyl alcohol	64-17-5
6. VM & P Naphtha	64741-41-9

Trace Impurities: N/A

Ingredient	OSHA PEL		ACGIH TLV		NIOSH REL		OTHER LIMITS
	TWA	STEL	TWA	STEL	TWA	STEL	
#1	NE	NE	NE	NE	NE	NE	NE
#2	NE	NE	NE	NE	NE	NE	NE
#3	100 ppm	NE	50 ppm	NE	NE	NE	NE
#4	200 ppm	250 ppm	200 ppm	250 ppm	NE	NE	NE
#5	1000 ppm	NE	1000 ppm	NE	NE	NE	NE
#6	150 ppm	NE	150 ppm	NE	NE	NE	NE

Section 3 - Hazards Identification

☆☆☆☆☆ Emergency Overview ☆☆☆☆☆

Appearance: Clear liquid; Odor: Solvent odor; Avoid skin contact. Avoid breathing vapors. May cause eye and skin irritation. Harmful if inhaled. Harmful if ingested. Use in well-ventilated areas. Burning material will generate fumes containing carbon monoxide.

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PPE†

†Sec. 8

Potential Health Effects

Primary Entry Routes: Eye and skin contact; inhalation of vapors, accidental ingestion.

Acute Effects

Inhalation/Ingestion: May cause irritation. High concentrations may induce nausea, torpor, headache, narcosis, liver damage, and/or kidney damage. Considered toxic by ingestion. May induce blindness.

Eye: May cause irritation and redness.

Skin: May cause irritation and possible sensitization to further exposure.

Medical Conditions Aggravated by Long-Term Exposure: None known.

Section 4 - First Aid Measures

Inhalation: Remove to fresh air environment.

Ingestion: If swallowed, call a physician immediately. Remove stomach contents by gastric suction or induce vomiting only as directed by medical personnel. Never give anything by mouth to an unconscious person.

Eye Contact: Flush eyes with clean, lukewarm water for 15 minutes. Obtain medical attention if irritation develops.

Skin Contact: Remove contaminated clothing and wash affected areas well with soap and water. Launder contaminated clothing before use.

Note to Physicians: Treat any ill effects symptomatically.

Section 5 - Fire-Fighting Measures

Flash Point/Method: 35°F (2°C) TCC

Flammability Classification: Class I-B

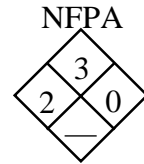
Extinguishing Media: Foam, dry chemical extinguisher, carbon dioxide (for Class B fire).

Unusual Fire or Explosion Hazards: Vapors confined in a poorly ventilated area may be ignited by a spark or flame. Vapors may travel considerable distances to source of ignition. Containers may rupture or explode under fire conditions. Hazardous decomposition may be formed. Material can accumulate static charges, which can cause an incendiary electrical discharge. Empty containers retain product residue and can be dangerous. Pressure build up in closed containers under high heat or fire may rupture container.

Hazardous Combustion Products: Burning material will generate fumes containing carbon monoxide.

Fire-Fighting Instructions: Cool fire exposed containers with water spray. Remove containers from fire area if possible. Do not release runoff from fire control methods to sewers or waterways.

Fire-Fighting Equipment: Firefighters should wear positive pressure self-contained breathing apparatus (SCBA) and consider use of unmanned hose holders or monitor nozzles for fighting large fires.



Section 6 - Accidental Release Measures

Spill /Leak Procedures: Remove all sources of ignition (flame, hot surfaces, and electrical, static or frictional sparks). Avoid breathing vapors. Use self-contained breathing equipment. Provide adequate ventilation and wear personal protective equipment. Evacuate personnel as a precaution. Prevent product spill from entering sewers, streams, or drinking water supplies. Collect liquid or soak up with inert filler or an absorbent, such as dry earth, sand, or oil absorbent (sweeping) compound. Collect material into suitable containers for flammable materials for disposal. Use non-sparking tools. Wash area with dilute ammonia solution.

Containment: For large spills, dike ahead of liquid spill for later neutralization, absorption, clean up, and disposal.

Section 7 - Handling and Storage

Handling Precautions: Avoid contact with eyes, skin and clothing. Avoid breathing vapor over open container. Avoid heat or ignition sources. Drums of this material should be grounded and bonded when pouring. Do not puncture, drag or slide container. Empty drums should not be reused. Do not get in eyes. Avoid skin contact. Prevent prolonged breathing of vapor or spray mists. Do not handle until the manufacturer's safety precautions have been read and understood. Do not weld or flame-cut an empty drum.

Storage Requirements: Do not store or use near heat or open flame. Refer to OSHA 29CFR Part 1910.106 for specific storage requirements. Store drum out of sun and away from heat. Avoid unnecessary contact. Containers should be tightly sealed to prevent contamination with foreign materials. Keep closure tight and container upright to prevent leakage.

Shelf life: 6 months from date of shipment under manufacturers recommended storage conditions.

Section 8 - Exposure Controls / Personal Protection

Eye Protection Requirements: Safety goggles or glasses are recommended. Plastic face shield should be worn for complete face protection.

Skin Protection Requirements: Impermeable gloves should be worn. Employees should wash their hands and face before eating, drinking, or using tobacco products.

Ventilation/Respiratory Requirements: Exhaust ventilation recommended. An organic vapor cartridge or fresh air supplied respirator (NIOSH certified) may be necessary for certain applications. Consider the type of application, environmental concentrations, and other materials being used concurrently when determining respirator use and selection. Observe OSHA regulations for respirator use (29 CFR 1910.134).

Additional Protective Measures: Safety showers and eye wash stations should be easily accessible to the work area. Training is important. Follow all label precautions.

Section 9 - Physical and Chemical Properties

Physical State: Liquid

Appearance and Odor: Clear; Solvent odor

Vapor Pressure: 30 mm Hg at 77°F (25°C)

Vapor Density (Air = 1): Lighter

Specific Gravity (H₂O=1): 0.83

pH: N/A

Water Solubility: Negligible

Boiling Point: 165°F (74°C)

Evaporation Rate (nBuAc = 1): Slower

% Volatile: <90

V.O.C. (ref EPA meth 24): 850 gm/liter

Section 10 - Stability and Reactivity

Stability: Stable at room temperature in closed containers under normal storage and handling conditions.

Polymerization: Hazardous polymerization will not occur.

Chemical Incompatibilities/Conditions to Avoid: Strong acids, bases, halogens, and ammonia gas. Avoid high temperatures.
Hazardous Decomposition: Thermal oxidative decomposition can produce fumes containing carbon monoxide.

Section 11- Toxicological Information

Component toxicological information:

<u>Chemical Name</u>	<u>Oral LD50</u>	<u>Dermal LD50</u>	<u>Inhalation LC50</u>
n-Butyl alcohol	2,460 mg/kg, rat	4,200 mg/kg, rabbit	8,000 ppm 4 hr., rat

Section 12 - Ecological Information

No Ecological Information Available

Section 13 - Disposal Considerations

Waste Disposal Method: Dispose of in accordance with all RCRA and EPA regulations for ignitable waste. Before attempting clean-up refer to hazard caution information in other sections of the MSDS form.

Section 14 – Transport Information

Shipping Name: Adhesives	DOT (USA): Regulated
Technical Shipping Name: N/A	Class 3, PG II
Hazard Class: 3	IATA/ICAO: Regulated
ID No.: UN1133	Class 3, PG II
Packing Group: II	IMO/IMDG: Regulated
Label: Flammable liquid	Class 3.2, PG II

Section 15 - Regulatory Information

U.S. Federal Regulations:

OSHA:

This document has been prepared in accordance with the MSDS requirements of the OSHA Hazard Communication Standard.

SARA TITLE III:

Sections 311/312 Hazard Classification: Fire Hazard, Immediate Health Hazard, Delayed Health Hazard

Section 313: This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

n-Butyl alcohol	CAS Number – 000071-36-3
Methyl alcohol	CAS Number – 000067-56-1

TSCA: This product or its components are listed in or exempt from the TSCA inventory requirements.

This product contains the following substances subject to export notification under Section 12 (b) of TSCA:

None

State Regulations:

California (Proposition 65):

This product contains the following substances known to the State of California to cause cancer:

None

This product contains the following substances known to the State of California to cause adverse reproductive effects:

None

Section 16 - Other Information

Reason for Issue: New Issue

Prepared By: S.F. Marks

Approval Date: 03/31/2003

Supersedes Date: N/A

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