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## Material Safety Data Sheet

### 1. PRODUCT IDENTIFICATION

**Product Name:** 51D PIPE JOINT COMPOUND 1PT  
**Item No:** 80045  
**Product Type:** Sealant

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Percent	ACGIH 8 Hr. TWA:	OSHA 8 Hr. TWA:
KAOLIN 1332-58-7	30-40	2 mg/m <sup>3</sup> dust	10 mg/m <sup>3</sup> dust; 5 mg/m <sup>3</sup> respir.
VEGETABLE OIL 68187-84-8	15-25	Not Listed	Not Listed
ROSIN 8050-09-7	15-25	sensitizer; reduce exposure to as low as possible	15 mg/m <sup>3</sup> total dust; 5 mg/m <sup>3</sup> respir.
2-PROPANOL 67-63-0	10-20	400 ppm TWA; 983 mg/m <sup>3</sup> TWA	400 ppm TWA
TALC 14807-96-6	1-10	2 mg/m <sup>3</sup> respir. dust TWA	2 mg/m <sup>3</sup> TWA
SILICA, QUARTZ 14808-60-7	0.1-1.0	0.1 mg/m <sup>3</sup> TWA respirable	0.1 mg/m <sup>3</sup> TWA respirable

### 3. HAZARDS IDENTIFICATION

**Toxicity:** May cause eye, skin and respiratory irritation. Oral LD50 greater than 5000 mg/kg.  
**Primary Routes of Entry:** Eye and skin contact, ingestion, inhalation.  
**Signs and Symptoms of Exposure:** Excessive accidental exposure may cause headache, dizziness, nausea and mild respiratory irritation. Overexposure may cause eye and skin redness.

Ingredients	Percent	NTP:	ACGIH Carcinogens	IARC:
SILICA, QUARTZ 14808-60-7	0.1-1.0	Known Carcinogen	Not known	Group 1; Vol. 68; 1997

**Medical Conditions Recognized as Being Aggravated by Exposure:** Preexisting eye, skin and respiratory disorders may be aggravated by overexposure to this product.

### 4. FIRST AID MEASURES

**Ingestion:** If swallowed, DO NOT induce vomiting. Keep individual calm. Obtain medical attention.  
**Inhalation:** If inhaled, remove to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. If breathing is difficult give oxygen. Get medical attention..  
**Skin Contact:** Remove contaminated clothing. Wash area with soap and water. If irritation persists, seek medical attention.  
**Eye Contact:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

### 5. FIRE FIGHTING MEASURES

**Flash Point (°F/C):** 76 degrees F. Method: Tag Closed Cup  
**Recommended Extinguishing Media:** Carbon Dioxide, Dry Chemicals, Foam.  
**Special Fire-Fighting Procedures:** Firefighters should wear self-contained breathing apparatus. Water spray may be ineffective on flames but should be used to keep fire-exposed containers cool.  
 Aldehydes, Oxides of carbon. Carboxylic acids  
**Hazardous Products Formed by Fire or Thermal Decomposition:**  
**Unusual Fire/Explosion Hazards:** Closed containers may rupture or explode when exposed to extreme heat.  
**Lower Explosive Limit:** 2.3

Upper Explosive Limit: 12.7

**6. ACCIDENTAL RELEASE MEASURES**

**Spill Procedures:** Eliminate all sources of ignition. Maintain good ventilation. Take up with an inert absorbent. Store in a closed waste container until disposal. Residues may be cleaned up with isopropyl alcohol.

**7. HANDLING AND STORAGE**

**Storage:** Store away from heat, sparks or open flame. Do not store at temperatures above 120 degrees F.  
**Handling:** Avoid contact with skin and eyes. Do not inhale vapors. Keep container closed when not in use.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Eyes:** Safety glasses or goggles.  
**Skin:** Rubber or plastic gloves  
**Ventilation:** General; local exhaust ventilation as necessary to control any air contaminants to within their exposure limits during the use of this product.  
**Respiratory Protection:** An approved respirator (i.e. NIOSH, etc.) should be worn when exposures are expected to exceed the applicable limits.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance:** Black paste  
**Odor:** Alcohol Odor  
**Boiling Point (°F):** 180 degrees F.  
**pH:** Does not apply  
**Solubility in Water:** Partial  
**Specific Gravity:** 1.28 @ 25 degrees C.  
**VOC Content(Wt.%):** 17% by weight  
**Vapor Pressure:** 33 mm Hg @ 68 degrees F.  
**Vapor Density (Air=1):** 2.07  
**Evaporation Rate:** Not available

**10. STABILITY AND REACTIVITY**

**Chemical Stability:** Stable at normal conditions  
**Hazardous Polymerization:** WILL NOT OCCUR  
**Incompatibilities:** Strong oxidizers.  
**Conditions to Avoid:** Do not expose to heat or store at temperatures above 120 F.  
**Hazardous Products Formed by Fire or Thermal Decomposition:** Aldehydes, Oxides of carbon. Carboxylic acids

**11. TOXICOLOGICAL INFORMATION**

See Section 3

**12. ECOLOGICAL INFORMATION**

No data available

**13. DISPOSAL CONSIDERATIONS**

**Recommended Method of Disposal:** Disposal should be made in accordance with federal, state and local regulations.  
**US EPA Waste Number:** D001 as per 40CFR 261.21

**14. TRANSPORTATION INFORMATION**

DOT (49CFR 172)

**Domestic Ground Transport**

**DOT Shipping Name:** Consumer Commodity (Not more than five liters)  
**Hazard Class:** ORM-D  
**UN/ID Number:** None  
**Marine Pollutant:** None

**IATA**

**Proper Shipping Name:** Consumer Commodity (Not more than 500 ml)  
**Class or Division:** Class 9  
**UN/NA Number:** ID 8000

**IMDG**

**Proper Shipping:** Resin Solution, Flammable, Limited Quantity  
**Hazard Class:** Class 3.3  
**UN Number:** UN 1866

**15. REGULATORY INFORMATION**

**SARA 313 Chemicals:** The following component(s) is listed as a SARA Section 313 Toxic Chemical.

**SARA 313 Information**

NONE

**CALIFORNIA PROP 65:**

No California Prop 65 chemicals are known to be present.

**TSCA Inventory Status:**

**Listed on Inventory:** **YES** All components of this product are listed (or exempt) on the EPA TSCA inventory.

**16. OTHER INFORMATION**

**Estimated NFPA Rating:** HEALTH 2, FLAMMABILITY 3, REACTIVITY 0

**Estimated HMIS Classification:** HEALTH 2, FLAMMABILITY 3, PHYSICAL HAZARD 0

NFPA is a registered trademark of the National Fire Protection Assn.

HMIS is a registered trademark of the National Paint and Coatings Assn.

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