

Material Safety Data Sheet

I. PRODUCT IDENTIFICATION

PRODUCT NAME: **Sirosil 50™**
CHEMICAL FAMILY: Silicone
CHEMICAL NAME: Oxime cure silicone sealant
T.S.C.A. STATUS: Yes
CHEMICAL FORMULA: Mixture

II. HAZARDOUS INGREDIENTS

COMPONENTS:	%	CURRENT TLV:
Alkyloximinosilane mixture	Less than 6	N.E.

III. PHYSICAL DATA

APPEARANCE: Viscous Paste
COLOR: Pigmented
ODOR: Slight solvent-like
SPECIFIC GRAVITY: Approx. 1.03 g/ml
BULK DENSITY: Approx. 8.60 lbs./gal
SOLUBILITY IN WATER: Insoluble

IV. FIRE & EXPLOSION DATA

FLASH POINT F° (C°): Approx. 464° F (240° C)
EXTINGUISHING MEDIA: Dry Chemical, Water Spray, Foam, CO₂

SPECIAL FIRE FIGHTING PROCEDURES / UNUSUAL FIRE OR EXPLOSION HAZARDS:

Firefighters should wear self contained breathing apparatus. Under fire conditions irritating and / or toxic vapors or gases may be present.

V. HEALTH EFFECTS DATA

**ANIMAL TOXICITY ORAL,
LD50 (INGESTION):** Greater than 5000 mg/kg (rat)
EYE EFFECTS: Moderately irritating (rabbit)
SKIN EFFECTS: Not irritating (rabbit; 24 hr.)

HUMAN EFFECTS OF OVEREXPOSURE:

Uncured product may cause skin irritation if contact is repeated or prolonged. Direct contact with the eyes or mouth will cause irritation. Cured sealant is not irritating to either the eyes or the skin. Contact lens wearers should remove contact lenses before product use. Do not handle contact lenses while any sealant residue remains on the fingers. This is a low odor product, however if applied in enclosed or poorly ventilated areas, the vapors may cause eye, nose and throat irritation. the odor will gradually diminish as the sealant cures. Keep out of the reach of children.

THRESHOLD LIMIT VALUE:

None established for this product

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VI. EMERGENCY & FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with running water for 15 minutes Consult a physician.
SKIN CONTACT: Remove uncured product with a dry cloth or towel. Wash thoroughly with soap and water.
INHALATION: Remove to fresh air. If breathing is difficult, give oxygen.
INGESTION: Consult a physician immediately.

VII. EMPLOYEE PROTECTION RECOMMENDATIONS

EYE PROTECTION: None normally required. However, when applied to overhead surfaces, safety glasses are suggested.
SKIN PROTECTION: None required under ordinary conditions of use
RESPIRATORY PROTECTION: None required unless vapor concentrations are excessive. ANIOSH approved organic vapor cartridge respirator can be used. Observe the manufacturers directions concerning the use of respiratory protection.
VENTILATION: No special requirements. Local exhaust of dilution air will help dissipate vapors in enclosed or poorly ventilated spaces.

VIII. REACTIVITY DATA

STABILITY: Stable
POLYMERIZATION: Will occur slowly
INCOMPATIBILITY (MATERIALS TO AVOID): Water, Acid, Alkali
HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition will produce CO, CO₂ and oxides of silicon.

IX. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Cover with dry absorbent material such as sand or dirt. Scoop up and place in appropriate container.
WASTE DISPOSAL METHOD: Landfill or incinerate in accordance with Federal, State or local environmental control regulations

X. SPECIAL PRECAUTIONS & STORAGE DATA

STORAGE TEMPERATURE (MIN / MAX): Ambient / 80° F (27° C)
AVERAGE SHELF LIFE: One year in original sealed container
SPECIAL SENSITIVITY (HEAT, LIGHT, MOISTURE): Moisture excessive heat.
PRECAUTIONS TO BE TAKEN IN HANDLING & STORING: Store in dry area away from heat

XI. SHIPPING DATA

TECHNICAL SHIPPING NAME: Caulking Compound
D.O.T. HAZARD CLASSIFICATION: Non- Regulated
FRT. CLASS PKG: Class 55, NMFC 76720

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