

AXIOM 25™ SEALANTS

Material Safety Data Sheet

January 2008



I. PRODUCT IDENTIFICATION

Product Name: Axiom 25
Chemical Family: Silicone
Chemical Name: Acetoxy Cure Silicone Sealant
T.S.C.A. Status: Yes
Chemical Formula: Mixture

II. HAZARDOUS INGREDIENTS

Components: % Current TLV:
Alkylacetoxy silane mixture Less than 5 N.E.

III. PHYSICAL DATA

Appearance: Viscous Paste
Color: Pigmented
Odor: Acetic acid-like
Specific Gravity: Approximately 1.04 g/ml
Bulk Density: Approximately 8.66 lbs./gal.
Solubility in Water: Insoluble

IV. FIRE & EXPLOSION DATA

Flash Point F° C°): Approximately 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 hours)
Human Effects of Overexposure: Acetic acid emitted during the normal curing of this product will produce a sharp vinegar-like odor in the area of use. The odor gradually diminishes as the sealant cures. The acetic acid vapors may irritate the eyes, nose, and throat, particularly in an enclosed or poorly ventilated area. Contact lenses wearers should remove contact lenses before product use. Do not handle contact lenses while any residual sealant remains on fingers. Direct contact with the uncured product will irritate the eyes and the mouth. Skin irritation may occur if contact is repeated and prolonged. Keep out of the reach of children. Threshold Limit Value: 10 ppm for acetic acid vapors. 15 ppm as a 15 minute STEL (ACGIH 1984-85)

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. Consult a physician immediately.

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.

NIOSH approved organic vapor cartridge respirator can be used. Observe the manufacturer's directions concerning the use of respiratory protection.

Ventilation: No special requirements. Local exhaust or 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: Acetic acid is generated by hydrolysis

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

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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