



AXIOM SEALANTS

Material Safety Data Sheet

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I. PRODUCT IDENTIFICATION

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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

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

III. PHYSICAL DATA

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

IV. FIRE & EXPLOSION DATA

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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

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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: 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 reach of children.

Threshold Limit Value:

10 ppm for acetic acid vapors. 15ppm as a 15 minute STEL
(ACGIH 1984-85)

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.

VI. EMERGENCY & FIRST AID

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 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.

STORAGE DATA

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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

X. SPECIAL PRECAUTIONS &

XI. SHIPPING DATA

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Technical Shipping Name: Caulking Compound
D.O.T. Hazard Classification: Non-Regulated
Frt. Class Pkg: Class 55, NMFC 76720



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