

Material Safety Data Sheet

I. PRODUCT IDENTIFICATION

PRODUCT NAME: Duo-Sil[®]
CHEMICAL NAME: Urethane Acrylic Emulsion Polymers
T.S.C.A. STATUS: Yes
CHEMICAL FORMULA: Mixture

II. HAZARDOUS INGREDIENTS

COMPONENTS:	%	CAS Reg. #
Acrylic polymer	95 max.	Nonhaz
Titanium dioxide	3 max.	13463-67-7
Mineral spirits	3 max.	8032-32-4
Urethane Polymer	< 3	Nonhaz

III. PHYSICAL DATA

APPEARANCE: Viscous Paste
COLOR: Pigmented
ODOR: Slight
SPECIFIC GRAVITY: Approx. 1.07 g/ml
BULK DENSITY: Approx. 8.93 lbs./gal
SOLUBILITY IN WATER: Soluble
CARB VOC 1.19 Wt. %, 13.0 g/L
SCAQMD VOC 35.5 g/L

IV. FIRE & EXPLOSION DATA

FLASH POINT F° (C°): Not applicable
EXTINGUISHING MEDIA: Not applicable
SPECIAL FIRE FIGHTING PROCEDURES / UNUSUAL FIRE OR EXPLOSION HAZARDS:

Firefighters should wear self contained breathing apparatus and full protective gear. Material can splatter above 212°F (100° C). Polymer film can burn at these temperatures.

V. HEALTH EFFECTS DATA

ANIMAL TOXICITY ORAL, LD50 (INGESTION): Greater than 5000 mg/kg (rat)
EYE EFFECTS: Moderately irritating (rabbit)
SKIN EFFECTS: Slightly irritating to the skin. (rabbit)

HUMAN EFFECTS OF OVEREXPOSURE:
Inhalation: vapor or mist can irritate nose, throat and lungs and cause headache, nausea, dizziness and mild intoxication.
Skin Contact: slightly irritating to the skin with some drying, splitting and cracking on repeat contact.
Eye Contact: moderately irritating to eyes.

WORKPLACE EXPOSURE LIMITS:
STEL 10 mg/m³ TD resp 125 ppm MS

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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. If swallowed dilute by giving 2 glasses of water to drink. Never give anything by mouth to an unconscious person.

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 not occur

INCOMPATIBILITY (MATERIALS TO AVOID): Not applicable

HAZARDOUS DECOMPOSITION PRODUCTS: Not applicable

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): Min. 34°F (-1°C), Max. 140°F (60°C)

AVERAGE SHELF LIFE: One year in original sealed container

SPECIAL SENSITIVITY (HEAT, LIGHT, MOISTURE): Excessive heat or cold.

PRECAUTIONS TO BE TAKEN IN HANDLING & STORING: Store in dry area away from heat or cold

XI. SHIPPING DATA

TECHNICAL SHIPPING NAME: Caulking Compound

D.O.T. HAZARD CLASSIFICATION: Non- Regulated

FRT. CLASS PKG: Class 55, NMFC 76720