

Duo-Sil® 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	50 max.	Nonhaz
Titanium dioxide	15 max.	13463-67-7
Inorganic filler	70 max	Mixture
Mineral spirits	5 max.	8032-32-4
Urethane Polymer	< 5	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

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 TD resp
 10 mg/m³ 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