

MATERIAL SAFETY DATA SHEET

MFG. BY: SAFE ENCASEMENT SYSTEMS
EMERGENCY CONTACT:
[CHEMTREC] (800) 424-9300
ADDRESS: 7860 Dana Point Court,
Las Vegas, NV 89117-1927
Prepared: November 2000.
Information Phone: (888) 277-8834

SECTION I - PRODUCT ID.

PRODUCT NUMBER: SE-151
PRODUCT NAME: **Acrylic Urethane**
Architectural Sealant.
PRODUCT CLASS: Elastomeric Acrylic
Architectural Sealant.

SECTION II - HAZARDOUS INGREDIENTS

INGREDIENTS [CAS No] (% By Wt.) TLV PPM
Urethane Acrylic Resin [Proprietary] (25.2)
Functional Acrylic Elastomer [Proprietary] (8.3)
Liquid Hydrocarbon Mixture [8042-47-5] (5.3)
Aromatic Distillate [64742-95-6] (0.9) ¹⁰⁰
2-2-(Methoxyethoxy) Ethanol [111-77-3] (1.0)
Calcium Carbonate [471-34-1] (35.6)
Titanium Dioxide [13463-67-7] (0.9)
Fumed Silica [112945-52-5] (0.6)
Additives [Proprietary] (0.6)
Surfactants [Proprietary] (0.3)
Water [7732-18-5] (21.3)

SECTION III - PHYSICAL DATA

BOILING RANGE: 212°F.
VAPOR DENSITY: HEAVIER THAN AIR.
WEIGHT PER GALLON: 11.0 pounds.
EVAPORATIVE RATE: SLOWER THAN ETHER.
PERCENT VOLATILE: (by volume): 36.1%.
Theoretical VOC (pounds/gallon): 0.351

SECTION IV - FIRE and EXPLOSION HAZARD DATA

DOT CATEGORY: N/A
FLASH POINT: N/A
Lower Explosive Limit: N/A
Extinguishing Media: NON-COMBUSTIBLE, however for dry solids, use of water, foam, carbon dioxide, or dry chemical apparatus.
Unusual fire & explosion hazards: CLOSED CONTAINERS exposed to heat may rupture due to pressure build-up. CONTENTS may splatter if temperature exceeds boiling point (212°F). Dried films can burn.
Special fire fighting procedures: The use of SELF-CONTAINED breathing apparatus is recommended for fire fighters. WATER may be useful to cool fire exposed containers.

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE:
NOT ESTABLISHED.

EFFECTS OF OVEREXPOSURE (for Product):

EYES: Trace amounts of ammonia and residue monomer VAPORS MAY BE IRRITATING TO THE EYES ESPECIALLY IN POORLY VENTILATED AREAS.

SKIN: This product can cause Skin Irritation upon prolonged or repeated contact.

BREATHING: ADVERSE HEALTH EFFECTS FROM VAPORS in poorly ventilated areas may include IRRITATION OF THE MUCOUS MEMBRANES of the NOSE, THROAT, RESPIRATORY TRACT and symptoms of HEADACHE and NAUSEA.

SWALLOWING: Can cause GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING and DIARRHEA.

EMERGENCY AND FIRST AID PROCEDURES:

IF IN EYES: If this product comes in contact with eyes, FLUSH WITH LARGE QUANTITIES OF WATER for at least 15 minutes lifting upper and lower lids occasionally. SEEK MEDICAL ATTENTION.

IF ON SKIN: THOROUGHLY WASH EXPOSED AREAS WITH SOAP AND LARGE QUANTITIES OF WATER FOR AT LEAST 15 MINUTES. REMOVE CONTAMINATED CLOTHING and launder before use. Seek medical attention if skin irritation persists.

IF BREATHED: Individual may experience dizziness or light-headedness when working in poorly ventilated areas. SEEK AIR FREE FROM VAPORS.

IF SWALLOWED: IF VICTIM IS CONSCIOUS INDUCE VOMITING AT ONCE BY GIVING VICTIM TWO (2) GLASSES OF WATER TO DRINK AND PLACE FINGER AT BACK OF VICTIM'S THROAT. CALL PHYSICIAN IMMEDIATELY.

SECTION VI - REACTIVITY DATA

STABILITY: Stable under normal conditions.
Conditions to Avoid: *Keep from freezing.*
INCOMPATIBILITY (Materials to Avoid): None reasonably foreseeable.

HAZARDOUS POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION: thermal decomposition may yield oxides of carbon, toxic monomer fumes and oxides of nitrogen.

SECTION VII - SPILL AND LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Keep Spectators away. Flush spilled materials into suitable retaining area containers with large quantities of water. Small amounts of spilled material may be absorbed into appropriate absorbent. Prevent spilled mixture from entering sewers, storm drains, other unauthorized treatment/drainage systems and natural waterways.

WASTE DISPOSAL METHOD: Dispose of product in accordance with applicable local, county, state and federal regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: None required if GOOD ventilation is maintained. IF HIGH VAPOR CONCENTRATIONS - USE MSA/NIOSH APPROVED RESPIRATOR WITH FILTERS DESIGNED TO REMOVE VAPORS AND PARTICULATE.

VENTILATION: PROVIDE SUFFICIENT general mechanical or local EXHAUST VENTILATION to maintain exposure below TLV (s).

EYE PROTECTION: SAFETY GLASSES, chemical GOGGLES and/or FACE SHIELDS ARE RECOMMENDED to safeguard against potential eye contact, irritation and POSSIBLE CORNEAL DAMAGE.

OTHER PROTECTIVE EQUIPMENT: To prevent repeated or prolonged skin contact the user should wear impervious clothing and boots.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

- Keep product containers COOL, DRY and away from SOURCES OF IGNITION.
- USE and STORE this product with ADEQUATE VENTILATION.
- Keep product containers CLOSED when not in use.
- AVOID SUBJECTING this product to EXTREME TEMPERATURE VARIATIONS and FREEZING.
- LAUNDRER SATURATED CLOTHING BEFORE WEARING.
- Prudent handling practices should be exercised to AVOID UNNECESSARY EXPOSURE.

IMPORTANT INFORMATION (PERSONAL SAFETY)

WARNING: PROPOSITION 65:
(California's Safe Drinking Water and Toxic Enforcement Act of 1986)

Paints and Coatings, Solvents, Surface Preparation Materials, Patching, Caulking, Spackling and related products may contain detectable traces of various chemicals as unintended contaminants. Some of these trace amounts of chemicals are known to the State of California to cause cancer and/or birth defects or other reproductive harm. In the absence of extensive scientific testing and continuous monitoring to demonstrate no significant risk or no observable effect resulting from exposure to trace contaminants during normal use of this product, this warning is provided pursuant to California Health Code Section 25249.6.

SECTION X - PRECAUTIONARY WARNINGS

- 1) Read and adhere to all precautionary warning statements on the label for this complex mixture.
- 2) Avoid FREEZING this PRODUCT.
- 3) Make sure that this PRODUCT IS KEPT OUT OF THE REACH OF CHILDREN.

H M I S

Health	1
Flammability	0
Reactivity	0
P.P.E.	B

A5851

NOTES: N/A = NOT APPLICABLE. This form is "Essentially Similar" to OSHA Form - 174.

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