

HMIS RATING	
Health	2
Flammability	1
Reactivity	1

MATERIAL SAFETY DATA SHEET

NFPA 704 RATING	
Health	N/A
Flammability	N/A
Reactivity	N/A
NFPA 30B LEVEL	
N/A	

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1. PRODUCT IDENTIFICATION

PART NUMBER 80-775
PRODUCT NAME E-6000 Adhesive / Sealant
Clear, 3.7 Ounce Tube
CHEMICAL FAMILY N/A
DOT SHIPPING Consumer Commodity ORM-D

2. HAZARDOUS INGREDIENTS

Specific chemical identity, common names	OSHA PEL	ACGIH TLV	STEL	%
*Tetrachloroethylene (Perchloroethylene) (127-18-4)	25ppm	50ppm	-	66

All chemical compounds marked with an asterisk (*) are toxic chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372. You must notify each person to whom this mixture of trade name product is sold. This statement must not be detached. Any copy or redistribution of this Material Safety Data Sheet shall include this statement.

3. PHYSICAL DATA

BOILING POINT 250°F
VAPOR PRESSURE @ 68°F 13.0mm Hg
VAPOR DENSITY (Air = 1) Heavier than air
SOLUBILITY IN WATER Negligible
SPECIFIC GRAVITY (H₂O = 1) 1.3
EVAPORATION RATE (Ether = 1) Slower than ether
COATING V.O.C. 7.29 LB/GL (873g/l)
MATERIAL V.O.C. 7.29 LB/GL (873g/l)
APPEARANCE AND ODOR Viscous liquid / ether-like odor

4. FIRE AND EXPLOSION DATA

FLASH POINT None
UPPER EXPLOSIVE LIMIT (%) N/A
LOWER EXPLOSIVE LIMIT (%) N/A
EXTINGUISHING MEDIA CO₂, Dry Chemical, Foam, Water Fog
SPECIAL FIREFIGHTING PROCEDURES Firefighters should wear NIOSH approved positive pressure self-contained breathing apparatus.
Cool fire exposed containers with water.
FIRE AND EXPLOSION HAZARDS Product is non-flammable and non-explosive under normal conditions of use. At high temperatures, product decomposes to give off hydrochloric acid as gas plus other toxic and irritating vapors such as phosgene and chlorine. If containers are exposed to excessive heat, over-pressurization can result in bursting.

5. HEALTH EFFECTS DATA

SHORT TERM EFFECTS OF EXPOSURE

ROUTE OF ENTRY Skin, Eye, Inhalation, Ingestion
HEALTH HAZARDS

(Acute & Chronic) Tetrachloroethylene has been shown to increase rate of spontaneously occurring malignant tumors in lab rats and mice. Other long term inhalation studies in rats failed to show tumorigenic response. Prolonged exposure above PEL's and TLV's may result in liver and kidney damage.

SIGNS AND SYMPTOMS

OF OVEREXPOSURE Inhalation: Dizziness may occur at 200ppm, progressively higher levels can cause irritation of the respiratory tract, drunkenness, nausea, incoordination, unconsciousness, even asphyxiation in confined, poorly ventilated areas.
Skin: Redness, dryness, itching, irritation.
Eyes: product in eyes can cause discomfort, pain, and irritation. Vapors may irritate eyes at about 100ppm.
Ingestion: May irritate mouth and gastrointestinal tract along with other effects similar for inhalation.

5. HEALTH EFFECTS DATA (Continued)

MEDICAL CONDITIONS GENERALLY

AGGRAVATED BY EXPOSURE Pre-existing skin, eye, lung conditions.

FIRST AID PROCEDURES

EYES Flush with large amounts of water for 15 minutes.
If irritated, obtain medical attention.
SKIN CONTACT Wipe from skin, wash with soap and water.
If irritated, obtain medical attention.
INHALATION Remove to fresh air. If breathing has stopped, qualified personnel should administer artificial respiration.
INGESTION Do not induce vomiting. Call a physician. Give 1 or 2 glasses of water to drink.

Because rapid absorption may occur through the lungs if aspirated and cause systemic effects, the decision of whether to induce vomiting should be made by a physician. If lavage is performed, suggest endotracheal and/or esophageal control. Do not administer sympathomimetic drugs unless absolutely necessary. No specific antidote. Supportive care.

SPECIAL HEALTH EFFECTS

CARCINOGEN (OSHA Guidelines) Tetrachloroethylene is listed as a potential carcinogen by IARC and NTP. Tetrachloroethylene is not believed to pose a measurable carcinogenic risk to man when handled as recommended. This product contains a chemical known to the state of California to cause cancer.

6. REACTIVITY

STABILITY Stable
INCOMPATIBILITIES High Temperature, flame, sparks. Strong acids, oxidizing materials, caustic soda or potash.
Avoid contact with aluminum in confined areas.
HAZARDOUS DECOMPOSITION PRODUCTS Toxic/irritating gases and fumes. Hydrogen chloride, CO₂, simple hydrocarbons, phosgene, chlorine.
HAZARDOUS POLYMERIZATION Will not occur

7. PRECAUTIONS FOR SAFE HANDLING AND USE

PROTECTIVE EQUIPMENT

REQUIREMENTS Safety glasses or goggles. Gloves: Neo-prene-latex are recommended. Local exhaust. Ventilation sufficient to maintain vapor concentrations below TLV. Use only with adequate ventilation.

SPILL OR LEAK PROCEDURES Wipe up or soak up with inert material. Remove to outdoors. For large spills; evacuate area, contain liquid, transfer to closed metal containers.

WASTE DISPOSAL METHODS Recycle or incinerate non-hardened product. Material resulting from clean-up may be hazardous waste. Dispose of in accordance with federal, state, and local regulations.

HANDLING & STORAGE Use only with adequate ventilation. Vapors will collect in low places and other confined areas.

OTHER PRECAUTIONS If PEL's or TLV's are exceeded, use NIOSH approved air purifying organic cartridge respirator. In confined or poorly ventilated areas use positive pressure self contained breathing apparatus.

8. ADDITIONAL INFORMATION

Use self contained breathing apparatus if TLV limits are exceeded.

Do not smoke while using. Wash hands after use.

THE INFORMATION GIVEN AND THE RECOMMENDATIONS MADE HEREIN APPLY TO OUR PRODUCT(S) ALONE AND ARE NOT COMBINED WITH OTHER PRODUCT(S). SUCH ARE BASED ON OUR RESEARCH AND ON DATA FROM OTHER RELIABLE SOURCES AND ARE BELIEVED TO BE ACCURATE. NO GUARANTEE OF ACCURACY IS MADE. IT IS THE PURCHASER'S RESPONSIBILITY BEFORE USING ANY PRODUCT TO VERIFY THIS DATA UNDER THEIR OWN OPERATION CONDITIONS AND TO DETERMINE WHETHER THE PRODUCT IS SUITABLE FOR THEIR PURPOSES.

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