



PERMATEx INDUSTRIAL
A Division of Loctite Corporation
P.O. Box 11915
705 N. Mountain Road
Newington, CT 06111
(203) 527-5211

MATERIAL SAFETY DATA SHEET

I. PRODUCT IDENTIFICATION

Product Name ACTIVATOR (AEROSOL) Item No. 80437, -38
Product Type _____ Part No. 80437, -38

II. COMPOSITION

| <u>Ingredients</u> | <u>% by Wt.</u> | <u>Hazard</u> |
|------------------------------|-----------------|----------------------|
| 1,1,1-Trichloroethane* | 98+ | See Section IV. ↓ |
| Organo-Copper Salt | <1 | |
| Trialkylammonium Carboxylate | <1 | |
| Aliphatic Carboxylic Acid | <1 | |

Propellant: Carbon Dioxide

*1,1,1-Trichloroethane (methyl chloroform) has been shown to cause reproductive affects and kidney and liver damage in experimental animals on prolonged inhalation. It is our best technical judgment that, with proper precautions, normal use of this product poses no such hazards.

III. CHEMICAL AND PHYSICAL PROPERTIES

| | |
|---|---|
| Vapor Pressure <u>100 mm at 70°F (base)</u> | Specific Gravity <u>1.32 at 70°F (base)</u> |
| Vapor Density <u>~4.5 (base)</u> | Boiling Point <u>~170°F (base)</u> |
| Solubility in Water <u>Nil</u> | pH <u>dn</u> |
| Appearance <u>Green liquid</u> | Odor <u>Sharp</u> |

IV. TOXICITY AND HEALTH HAZARD

Toxicity
Eye irritant. Possible skin irritant. TLV 1,1,1-Trichloroethane: 350 ppm

Symptoms of Overexposure Headache, nausea, dizziness. Narcosis at high concentrations.

Emergency Treatment Procedures

Ingestion: Do not induce vomiting. Keep individual calm. Obtain medical attention.

Inhalation: Remove to fresh air. If symptoms persist, obtain medical attention.

Skin Contact: Flush with water.

Eye Contact: Flush thoroughly with water. Obtain medical attention.

Personal Protection

Eyes: Safety glasses or goggles recommended.

Skin: Rubber or plastic gloves recommended.

Ventilation: Provide adequate local ventilation to maintain vapor concentration below TLV.

Everett Industrial Supply, Inc.
2201 Pacific — P. O. Box 209
Everett, Washington 98203
Everett 201-1-5111
From Seattle Office

ACTIVATOR (AEROSOL)

V. FLAMMABILITY AND EXPLOSIVE PROPERTIES

Flash point None Method T.C.C.
Explosive Limits (% by volume in air) Lower 10 % Upper 15 %
Recommended Extinguishing Agents CO2, Foam, Dry chemical
Hazardous Products Formed by Fire or Thermal Decomposition: Toxic Chlorides
Unusual Fire or Explosion Hazards: None known.
Compressed Gasses Name Carbon dioxide
Pressure at Room Temperature 65 psi

VI. REACTIVITY DATA

Stability Stable Unstable
Hazardous Polymerization May Occur Will Not Occur
Hazardous Decomposition Products (non-thermal)
None known

Incompatibility Caustics and active metals.

VII. SPILL OR LEAK AND DISPOSAL PROCEDURES

Steps to be taken in case of spill or leak: Allow to evaporate with good ventilation. Soak up residue in inert absorbent.

Recommended methods of disposal: Follow EPA and local regulations for disposal of chlorinated hydrocarbons. Do not incinerate pressurized can. Hazardous Waste Number U226.

VIII. STORAGE AND HANDLING PROCEDURES

Storage: Store below 110°F
Handling: Avoid prolonged breathing of vapor. Keep away from eyes.

IX. SHIPPING REGULATIONS

Type or Class DOT ORM-D
IATA Class 2, Subsidiary Risk 6.1
Proper Shipping Name DOT Consumer Commodity
IATA Aerosol, non-flammable, n.o.s.

Prepared By: Martin Hauser
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Date: October 1, 1985

