

Material Safety Data Sheet

033

Non Flammable Seam Cement

SECTION I - PRODUCT IDENTIFICATION

Manufacturer's Name: Roberts Capitol, Inc

Address: 300 Cross Plains Blvd.
Dalton, GA 30721

Telephone No.: (800) 424-9300 (Chemtec) Business Phone No.: 706-277-5294

Product Class: Non-Flammable Synthetic Rubber Adhesive in solvent Solution

Product Identity: 033 Seam Cement

HMIS: H=3 F=2 R=1

SECTION 11 - HAZARDOUS COMPONENTS

	(BY Wt.)	PEL	TLV	CAS No.
Methylene Chloride	77.0	25 ppm	25 ppm	75-09-2

Sara Title III: Reportable

Methylene Chloride

Methylene Chloride is listed under California's Proposition 65.

SECTION III - PHYSICAL DATA

Initial Boiling Point: 104 ° F
Vapor Pressure: 355 mm Hg @ 68°F
Vapor Density: 2.93
Specific Gravity: 1.22
Percent Volatiles: 77.00

SECTION IV - FIRE AND EXPLOSION DATA

Flash Point: 1033°F
Explosive Limit: LEL: 14% @ 25C UEL: 22% @ 25C
Note: Forms flammable vapor-air mixtures above 100C (212F).
Extinguishing Media: Water fog.

HAZARDOUS DECOMPOSITION PRODUCTS: May form toxic materials: carbon dioxide and carbon monoxide, hydrogen chloride, chlorine, phosgene, various hydrocarbons, etc.

SPECIAL FIRE FIGHTING PROCEDURES: Water may be used to keep fire-exposed containers cool until fire is out. Wear self-contained breathing apparatus with full-face piece operated in pressure-demand or other positive pressure mode when fighting fires.

UNUSUAL FIRE AND EXPLOSION HAZARD: Never use welding or cutting torch on or near cans (even empty) because resultant pressure could rupture. Empty cans should be incinerated.

SECTION V - HEALTH HAZARD DATA

Permissible Exposure Level: 25 ppm
Threshold limit value: 25 ppm

EFFECTS OF EXPOSURE: **Eyes:** Can cause severe irritation, redness, tearing, blurred vision. **Skin:** Prolonged or repeated contact can cause moderate irritation, defatting, and dermatitis. **Breathing:** Excessive inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, headache, possible unconsciousness, and even asphyxiation. **Swallowing:** Can cause gastrointestinal irritation, nausea, vomiting, and diarrhea. Do not eat or drink in areas where chlorinated solvents are stored or used.

Chronic Exposure:

Can cause headache, mental confusion, depression, liver effects, kidney effects, bronchitis, loss of appetite, nausea, lack of balance, and visual disturbances. Can cause dermatitis upon prolonged skin contact. Methylene chloride may cause cancer in humans.

FIRST AID: **Skin:** Soap and water. **Eyes:** Flush immediately with water, lifting upper and lower lids occasionally. **Ingestion:** Do not induce vomiting. Call physician or transport to an emergency facility. **Inhalation:** If affected, remove individual to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration. **USE ONLY WELL VENTILATED AREAS.**

SECTION VI - REACTIVITY DATA

Hazardous Polymerization: None known.

Stability: Stable.

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Absorb liquid on paper, vermiculite, floor absorbent, or other absorbent material and transfer to hood. Allow volatile portion to evaporate in hood. Allow sufficient time for vapors to completely clear hood duct work. Dispose of remaining material in accordance with applicable regulations.

SECTION VIII - PROTECTIVE EQUIPMENT

VENTILATION: Adequate ventilation is essential to prevent vapor buildup. Open all available windows and entrances to insure good ventilation. Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below TLV. **RESPIRATOR PROTECTION:** Adequate ventilation is normally sufficient. If TLV of the product or any component is exceeded or eyes begin to water or dizziness or headaches are experienced, increase fresh air supply, wear an NIOSH approved respirator, or leave the area. Engineering or administrative controls should be implemented to reduce exposure. **PROTECTIVE GLOVES:** Wear protective gloves to prevent skin contact. **EYE PROTECTION:** Wear glasses or protective goggles to avoid splashes.

OTHER PROTECTIVE EQUIPMENT: None required. **WASH HANDS THOROUGHLY WITH SOAP AND WATER**

SECTION IX - SPECIAL PRECAUTIONS:

Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in the data sheet must be observed.

WARNING! Contains Methylene Chloride. Aluminum equipment should not be used for storage or transfer. Contact with aluminum parts in a pressurized fluid system may cause violent reactions. Methylene Chloride is a substance which is classified as a group 2B (a substance considered to be "possibly" carcinogenic to humans) substance by the International Agency for Research on Cancer (IARC). According to ACGIH, Methylene Chloride is an "animal carcinogen" (category A3). Methylene Chloride is listed under California's Proposition 65.

KEEP OUT OF REACH OF CHILDREN. Use only in applications as stated on the label. Do not take internally. Close container after each use. Avoid skin and eye contact. Do not store in aluminum products. Contact with aluminum parts in a pressurized fluid system may cause violent reactions. Protect against physical damage. Store in a cool, dry place (50F - 90F). Keep away from excessive heat. Protect from freezing.

X. REGULATORY INFORMATION:

Hazardous Waste 40CFR261: Yes

Hazardous Waste Number: F002

All components are in TSCA inventory.

Note: RCRA hazardous waste if discarded in its produced form. EPA Hazardous Waste number: F002.

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===== **XI.SHIPPING DATA** =====

D.O.T. Proper Shipping Name (49CFR172.101-102): Adhesive.

D.O.T. Hazard Classification (49CFR 172.101-102):

Class: 6.1 Packing Group: III

D.O.T. Labels Required (49CFR172.101-102): Keep Away From Food.

D.O.T. Placards Required (CFR172.504): Keep Away From Food.

Poison Constituent (49CFR172.203(K)): None.

Bill of Lading Description: Adhesive, N.O.S (Methylene Chloride), semi-liquid.

UN/NA Code: 1593

Chapco believes the data set forth herein are accurate as of the date hereof, and makes no warranty with respect thereto and expressly disclaims all liability for reliance thereon. Such data are offered solely for your consideration, investigation and verification.

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By: M King