

# MATERIAL SAFETY DATA SHEET

ISSUE DATE: 4/10/95

REVISED DATE: 9/18/02

Supercedes: Any previous M.S.D.S. on this product

EMERGENCY TELEPHONE NUMBER: CHEM-TEL, INC 1-800-255-3924

## I. IDENTIFICATION

**PRODUCT NAME:** SOLVENT BASED SEALANT  
**PRODUCT CLASS:** Solvent Based Sealant (Caulking)

C.L. Ward & Family Inc.

1460 Delbert's Drive

Monongahela, PA 15063

**DOT SHIPPING INFORMATION:** Flammable Liquid, N.O.S.,3, UN 1993,PG III.  
(Hexane CAS 110-54-3)

## II. HAZARDOUS INGREDIENTS

<u>MATERIAL:</u>	<u>CAS NUMBER</u>	<u>WEIGHT</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Toluene	108-88-3+	20	100ppm	377mg/m <sup>3</sup>
Hexane	110-54-3	30	50ppm	176mg/m <sup>3</sup>

Toluene is subject to the reporting requirement of Section 313, SARA, Title III and is regulated by California's Proposition 65 as a reproductive toxicant. It is listed in subpart Z, OSHA: found at 1910:1000-.1101.

All ingredients in this product are on the TSCA inventory. There are no other hazardous ingredients in quantities greater than 1%. The ingredients in SOLVseal are not classed as carcinogens by OSHA, NTP or IARC.

## III. PHYSICAL DATA

**APPEARANCE:** Gray paste

**SOLUBILITY IN WATER:** Not soluble

**SPECIFIC GRAVITY:** (water = 1) 1.03

**BOILING POINT:** 150°F

**VOLATILE BY VOLUME (%):** 50

**VAPOR DENSITY:** (Air = 1) 3

**VAPOR PRESSURE:** 180 (MM Hg.)

**EVAPORATION RATE:** (BAC = 1) 12

**ODOR:** Mild solvent odor

**PHYSICAL STATE:** Paste

**Ph:** N/A

**VOC CONTENT:** 445 gm/liter

## IV. HEALTH HAZARD DATA

**ROUTE OF EXPOSURE:** Primarily by inhalation, skin contact, eye contact.

### EFFECTS OF OVEREXPOSURE:

**Inhalation:** May cause the following; headache, nausea and irritation of nose, throat and lungs. Excessive inhalation of vapor will cause central nervous system depression, dizziness, drowsiness, fatigue, unconsciousness and even death.

**Skin Contact:** Repeated or prolonged skin contact may cause slight dryness and skin irritation (defatting).

**Eye Contact:** May cause mild irritation to the eyes, symptoms may include stinging, tearing, and redness.

This product has no known chronic effects.

## V. EMERGENCY AND FIRST AID PROCEDURES

**INHALATION:** If overexposure to vapors occurs, remove victim from the adverse environment. If breathing is difficult administer oxygen. If breathing has stopped, give artificial respiration. Keep person warm, quiet and seek medical attention.

**SKIN CONTACT:** Wash area of contact thoroughly with soap and water. If irritation persists, consult a physician. Remove contaminated clothing. Launder contaminated clothing before reusing.

**EYE CONTACT:** Flush immediately with running water for fifteen minutes. Lifting upper and lower lids occasionally. Seek medical attention.

**INGESTION:** Consult a physician immediately. Have list of ingredients available. DO NOT INDUCE VOMITING. Aspiration of material into the lungs due to vomiting can cause chemical pneumonitis which can be fatal.

## VI. FIRE AND EXPLOSION HAZARD

**FLASHPOINT:** <0°F

**EXTINGUISHING MEDIA:** If water fog is ineffective, use CO<sub>2</sub>, dry chemical or foam.

**SPECIAL PROCEDURES:** Firemen should wear equipment to protect against noxious fumes. Self-contained breathing apparatus may be needed. May produce carbon oxides.

## VII. SPILL OR LEAK PROCEDURES

Keep away from heat, sparks, open flame and all other ignition sources. Vapor is heavier than air. Vapors may cause flash fire. Ventilate area to reduce the vapor concentration below TLV. Absorb the spill with vermiculite, earth or other inert substances. Transfer to a suitable container for deposit.

**Waste Disposal Method:** It may be deposited in landfill in accordance with federal, state and local regulations.

## VIII. SPECIAL PROTECTION

**VENTILATION:** Local exhaust ventilation should be provided to keep worker exposures within allowable limits.

**EYE PROTECTION:** Personal protective equipment should be worn when there is a reasonable probability of injury.

**PROTECTIVE GLOVES:** Impervious neoprene gloves.

**RESPIRATORY PROTECTION:** Not required under normal conditions. Use NIOSH/MSHA approved organic vapor respirators when vapor concentrations exceed the TLV. Do not use respirator in lieu of adequate ventilation.

## IX. CARCINOGENIC ASSESSMENT

\* - Indicates IARC, NTP or OSHA carcinogen.

+ - Specific chemical is listed in SARA-313; shown at typical percentage.

Other: One or more ingredients in this formulation are listed on the California Proposition 65 list of chemicals. The listing of ingredient(s) above is in compliance with the Federal Hazard Communication Standard (29 CFR-910. 1200) requirements. Ingredients below de minimus concentrations, or not considered hazardous under the Standard, are generally excluded.

## X. REACTIVITY DATA

**STABILITY:** Stable under normal conditions of handling and use.

**INCOMPATIBILITY:** Avoid strong oxidants like liquid chlorine or concentrated oxygen.

**CONDITIONS TO AVOID:** Heat source may build up pressure in closed containers.

**HAZARDOUS DECOMPOSITION PRODUCT:** Burning may produce toxic fumes and oxides of carbon.

**HAZARDOUS POLYMERIZATION:** Will not occur.

## XI. SPECIAL PRECAUTIONS

**HANDLING AND STORAGE:** Store in closed containers. Guard against inhalation of excess vapors, ingestion, and contact with skin and eyes. Change soiled work clothes frequently. Clean hands after handling. Precautions also apply to emptied containers. Keep containers away from extreme heat and cold. Do not take internally. In an emergency, call a physician.

**KEEP OUT OF REACH OF CHILDREN.**

This information is taken from sources or based upon data believed to be reliable; however, C.L. WARD & FAMILY INC. makes no warranty as to the absolute correctness or sufficiency of any of the foregoing or that additional or other measures may not be required under particular conditions. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist, as all materials may present unknown health hazards.