

MATERIAL SAFETY DATA SHEET

ISSUE DATE: 4/10/95

REVISED DATE: 6/18/09

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

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

I. IDENTIFICATION

PRODUCT NAME: SOLVseal

PRODUCT CLASS: Solvent Based Sealant (Caulking)

DUCTMATE INDUSTRIES, INC.

210 5th St.

Charleroi, PA 15022

PROPER DOT SHIPPING NAME: Flammable Liquid, N.O.S., 3, PG III.

DOT HAZARD CLASSIFICATION: UN 1993

II. HAZARDOUS INGREDIENTS

<u>PRINCIPAL COMPONENTS:</u>	<u>CAS NUMBER:</u>	<u>WEIGHT:</u>	<u>THRESHOLD LIMIT VALUE:</u>
Toluene	108-88-3	17%	50 ppm
Acetone	67-64-1	11%	750 ppm
Methyl Acetate	79-20-9	10%	200 ppm
Hexane	110-54-3	5%	50 ppm

These chemicals are subject to the reporting requirements of Section 313, SARA, Title III.

All ingredients in this product are on the TSCA inventory.

The ingredients in SOLVseal are not classed as carcinogens by OSHA, NTP or IARC.

HAZARD RATING: Health - 2, Flammability - 3, Reactivity - 0

<u>OTHER COMPONENTS:</u>	<u>CAS NUMBER:</u>	<u>WEIGHT:</u>
Hydrocarbon Resin	68240-01-7	18%

III. PHYSICAL DATA

APPEARANCE: Soft gray paste, mild odor.

SOLUBILITY IN WATER: Not soluble

SPECIFIC GRAVITY: (water = 1) 1.04

BOILING POINT: 150°F

VOLATILE BY VOLUME (%): 40

VAPOR DENSITY: (Air = 1) 3

VAPOR PRESSURE: 180 (mmHg.)

EVAPORATION RATE: (BAC = 1) 12

Ph: N/A

VOC CONTENT: 414 gm/liter

IV. HEALTH HAZARD DATA

PERMISSIBLE EXPOSURE LEVEL: 50 ppm

THRESHOLD LIMIT VALUE: 50 ppm

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

EFFECTS OF AVUTE 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. Aspiration of material into the lungs can cause chemical pneumonitis, which can be fatal.

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

Eye Contact: May cause severe irritation to the eyes, symptoms may include stinging, tearing, blurred vision and redness.

Swallowing: Can cause gastrointestinal irritation, nausea, vomiting, and diarrhea. Aspiration of material into the lungs can cause chemical pneumonitis, which can be fatal.

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.** Seek medical attention. Aspiration of material into the lungs due to vomiting can cause chemical pneumonitis which can be fatal.

VI. FIRE AND EXPLOSION HAZARD

FLASHPOINT (TEST METHOD): Tag closed cup. <0°F

FLAMMABLE LIMITS: LEL: 1.0%

UEL: 16.0%

EXTINGUISHING MEDIA: Foam, dry chemical CO₂, water fog or spray.

SPECIAL PROCEDURES: Firemen should wear equipment to protect against noxious fumes. Avoid breathing of vapor or fumes.

UNUSUAL FIRE & EXPLOSION HAZARDS: Heat may build up pressure in closed containers. Cool with water spray.

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 an approved site 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.

OTHER PROTECTION: Eye wash, safety shower.

X. REACTIVITY DATA

STABILITY: Stable under normal conditions of handling and use.

INCOMPATIBILITY: N/A

CONDITIONS TO AVOID: None.

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

HAZARDOUS POLYMERIZATION: Will not occur.

MATERIALS TO AVOID: Strong oxidants like liquid chlorine.

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, DUCTMATE INDUSTRIES, 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.

