



GARLAND INDUSTRIES

Material Safety Data Sheet (MSDS)

Revised 02/11

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VOC Compliant
Contact Adhesive
CHEMICAL FAMILY: Neoprene
Product Name: Dura Walk Sealer
Product Code: 2510-5

TRANSPORTATION EMERGENCY ASSISTANCE / CALL CHEMTREC / 1-800-762-8225

HMIS HAZARD RATINGS

H:2 F:3 R:0 PP:I

DEGREE OF HAZARD: 4=EXTREME 3=HIGH 2=MODERATE 1=SLIGHT 0=INSIGNIFICANT

SECTION II - HAZARDOUS SUBSTANCES

| | % BY WT | PEL | TLV | OSHA | ACGIH |
|---|---------|-----|-----|---------|----------|
| Generic MDI homopolymer ⁽¹⁾ CAS # 39310-05-9 | | | 12 | 0.02ppm | 0.005ppm |
| Perchloroethylene ⁽¹⁾⁽²⁾ ; CAS# 127-18-4 | | | 75 | 25ppm | 25ppm |

(1) These chemicals are subject to SARA Title III reporting

(2) California Proposition 65 listed chemical

SECTION III - PHYSICAL DATA

BOILING RANGE: 250° F **WEIGHT PER GALLON:** 11.97 lbs/gal
VAPOR DENSITY (air=1): Heavier **VOC:** 0 grams/liter
% VOLATILE BY VOLUME: 70.5 % **EVAPORATION RATE (ether=1):** Slower

SECTION IV - FIRE & EXPLOSION HAZARD DATA

FLASH POINT: Not applicable

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

SPECIAL FIRE FIGHTING PROCEDURES: Firefighters must wear self contained breathing apparatus and full protective clothing. Cool containers with water fog. Do not spray pool fires directly; a solid stream of water directed into hot burning liquid can cause frothing. Boil over may occur when temperature of material approaches boiling point of solvent.

UNUSUAL FIRE & EXPLOSION HAZARD: Contamination of this product with water will generate carbon dioxide gas with possible build-up of pressure in confined spaces. It is unlikely that this product will explode due to mechanical impact.

SECTION V - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE: Inhalation of high concentrations can produce central nervous system depression. Skin contact can cause severe irritation, possible burns, defatting and dermatitis. Eye contact causes severe irritation, redness, tearing and blurred vision.

WARNING!: THIS PRODUCT CONTAINS PERCHLOROETHYLENE, A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

EMERGENCY & FIRST AID: If overcome by vapors, remove to fresh air and if breathing has stopped, give artificial respiration. Eye contact: Flush immediately with water and call a physician as soon as possible. Skin contact: Wash with soap and water and remove contaminated clothing. Ingestion: See a physician as soon as possible.

PRIMARY ROUTES OF ENTRY: Dermal or inhalation most likely.

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: Repeated exposure can cause allergic reaction with development of occupational asthma. Long term exposure to low vapor concentrations may cause chronically progressive pulmonary disease. Repeated skin contact can result in sensitization.

SECTION VI - REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID: Water contamination.

INCOMPATIBILITY: Water, alcohols, liquid chlorine, concentrated oxygen, NaOH, amines, alkaline materials and organometallic compounds.

HAZARDOUS DECOMPOSITION PRODUCTS: Burning may produce nitrogen oxides, hydrogen cyanide, carbon monoxide and/or carbon dioxide.

HAZARDOUS POLYMERIZATION: Reacts slowly with water to produce CO₂ gas.

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: In enclosed areas, cleanup personnel should wear self contained breathing apparatus. Cover spills with sawdust, vermiculite, or other absorbent material. Add an equal volume of a 6% ammonia solution in water and allow to react for 10 minutes. Collect into open containers and add more solution. Cover loosely to vent carbon dioxide gas generated.

WASTE DISPOSAL METHOD: Dispose in accordance with local, state, and federal regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Atmospheric levels should be maintained below the exposure guideline. When concentrations exceed the exposure guidelines use an approved positive-pressure supplied-air respirator, in confined or poorly ventilated areas, or during any spray application. An air-purifying respirator with organic vapor cartridges may be appropriate when the product is roller applied under well ventilated conditions.

VENTILATION: Explosion proof mechanical equipment capable of keeping vapor concentration below the PEL.

PROTECTIVE GLOVES: Chemical resistant gloves. Nitrile recommended

EYE PROTECTION: Safety goggles or face shield.

OTHER PROTECTIVE EQUIPMENT: Eye bath & safety shower should be available.

SECTION IX - SPECIAL PRECAUTIONS & TOXICOLOGICAL PROPERTIES

SPECIAL PRECAUTIONS TO BE TAKEN IN HANDLING & STORING: Keep containers Keep away from moisture. Open containers should be blanketed with dry nitrogen before resealing if there is no moisture contamination. If water contamination is suspected, do not reseal.

TOXICOLOGICAL PROPERTIES: Neither MDI nor polymeric MDI are listed by the NTP, IARC, or regulated by OSHA as carcinogens. Harmful or fatal if swallowed. Vapor harmful. May cause skin or eye irritation.

SECTION X - SPECIAL PRECAUTIONS & TOXICOLOGICAL PROPERTIES

SHIPPING NAME: TOXIC LIQUID, ORGANIC, N.O.S.,
(TETRACHLOROETHYLENE) 6.1, UN1897, PGIII

GROUND: For standard ground shipping see required labels and markings.
Authorized combination packaging: Metal receptacle in a 4G box.
Authorized single packaging: 1A1 or 1A2 pail or drum

Exceptions:

(173.153) Limited Quantities: Except by Aircraft. Inner packaging's not over 1 gal each packed in a strong outer packaging; max package weight 66 lbs. Labels are required.

AIR (CARGO ONLY): Max 58.1 gal per package
Max 2.64 gal per can in a 4G box or a 1A1 tight head pail
Packaging Instructions - 618

AIR (PASSENGER & CARGO): Max 15.8 gal per package
Max 1.32 gal per can in a 4G box or a 1A1 tight head pail

Packaging Instructions - 611

AIR (UPS): Special DOT Exemption packaging required

OCEAN: Max 181 lbs per package
Max 10.5 gal per metal container or 7.9 gal per plastic container in a 4G box or a 1H1 or 1H2 plastic pail or a 1A1 or 1A2 metal pail.

MISC: ERG# 160
NMFC: 149980.2

REQUIRED LABELS & MARKINGS (AIR, OCEAN AND STANDARD GROUND)

TOXIC LIQUID, ORGANIC N.O.S.
(TETRACHLOROETHYLENE)
UN1897



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