

GLID-STRIP® Paint & Varnish Remover No. 74

FIRE & EXPLOSION HAZARD DATA

DOT Proper Shipping Name: Methylene Chloride, UN 1593

Hazard Class: ORM-A

Extinguishing Media: Dry chemical or foam

Unusual Fire and Explosion Hazards: This product is nonflammable and nonexplosive under normal conditions of use. At high temperatures, this product decomposes to give off hydrochloric acid as gas plus other toxic and irritating vapors such as phosgene. If storage containers are exposed to excessive heat, over-pressurization of the containers can result.

Special Fire Fighting Procedures: Water may be used to cool and protect exposed containers.

HEALTH HAZARD DATA

Primary Route(s) of Exposure: Inhalation
Skin Contact

Effects of Overexposure:

Inhalation: Irritation of respiratory tract. Prolonged inhalation may lead to mucous membrane irritation, loss of appetite, fatigue, drowsiness, dizziness and/or lightheadedness, headache, uncoordination, nausea, vomiting, coughing, mental apathy, central nervous system depression, respiratory problems, intoxication, confusion, anesthetic effect or narcosis, unconsciousness. Metabolism to carbon monoxide results in carboxyhemoglobinemia, reducing the oxygen carrying capacity of the blood and producing lightheadedness, confusion, and headache.

Skin Contact: Irritation of skin. Prolonged or repeated contact can cause dermatitis, defatting, severe skin irritation.

Eye Contact: Irritation of eyes. Prolonged or repeated contact can cause blurred vision, tearing of eyes, redness of eyes, severe eye irritation, corneal injury.

Ingestion: Amounts ingested incidental to consumer and industrial handling are not likely to cause injury; however, ingestion of larger amounts may cause lung inflammation and damage due to aspiration of material into lungs.

Notice: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

Notice: Contains methylene chloride which has been shown to cause cancer in certain laboratory animal tests. Risk to your health depends on level and duration of exposure.

Notice: Contains Methanol which may be fatal or cause blindness if swallowed. Cannot be made nonpoisonous.

Emergency and First Aid Procedures:

Inhalation: Remove to fresh air. Restore and support continued breathing. Get emergency medical attention. Have trained person give oxygen if necessary. Get medical help for any breathing difficulty.

Skin Contact: Wash off quickly with plenty of water, then soap and water; remove contaminated clothing. Wash contaminated clothing before reuse.

Eye Contact: Flush immediately with large amounts of water, especially under lids, for at least 15 minutes. Obtain emergency medical treatment.

Ingestion: If swallowed, obtain medical treatment immediately.

Medical Conditions Aggravated By Exposure: This product is not expected to aggravate existing medical conditions; however, ingredients contained in this product have been reported to aggravate preexisting eye, skin, respiratory dis-

orders, lung disorders, cardiac abnormalities, blood disorders, kidney disorders, liver disorders.

Supplemental Health Information: Inhalation studies published by the National Toxicology Program (NTP), reports "clear evidence" of carcinogenicity in mice and female rats. Two epidemiological studies showed no evidence of human carcinogenicity or any other health effects related to methylene chloride exposure. The collective evidence of several animal studies and human experience suggest there is little carcinogenic risk for man under controlled conditions of occupational exposure.

Exposure to materials in this product have been associated with possible liver damage, kidney damage. Excessive inhalation of solvent vapors under uncontrolled conditions may lead to unconsciousness, respiratory failure, asphyxiation, and even death.

REACTIVITY DATA

Stability: Stable

Incompatibility: Oxidizers

Acids

Bases

Aldehydes

Alkyl Halides

Halogens

Amines

Magnesium

Conditions to Avoid: Elevated temperatures

Contact with oxidizing agent

Hazardous Decomposition Products: Carbon Monoxide

Carbon Dioxide

Phosgene

Hydrogen Chloride

Hazardous Polymerization: Will not occur

SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled: Comply with all applicable health and environmental regulations.

Ventilate area.

Spills may be collected with absorbent materials.

Waste Disposal: Dispose in accordance with all applicable regulations. Avoid discharge to natural waters.

SPECIAL PROTECTION INFORMATION

Respiratory Protection: Control environmental concentrations below applicable standards. Where respiratory protection is required, use only NIOSH/MSHA approved respirators in accordance with OSHA Standard 29 CFR 1910.134.

Ventilation: Provide dilution ventilation or local exhaust to prevent build-up of vapors.

Personal Protective Equipment: Eye Wash

Safety Shower

Safety Glasses or Goggles

Impervious Gloves

SPECIAL PRECAUTIONS

Handling and Storage: Store below 100°F, away from sources of heat and direct sunlight.

Other Precautions: Use only with adequate ventilation. Do not take internally. Keep out of reach of children. Avoid contact with skin and eyes, and breathing of vapors. Wash hands thoroughly after handling, especially before eating or smoking. Keep containers tightly closed and upright when not in use. Empty containers may contain hazardous residues.



MATERIAL SAFETY DATA SHEET

The information contained herein is based on data available at the time of preparation of this data sheet and which The Glidden Company believes to be reliable. However, no warranty is expressed or implied regarding the accuracy of this data. The Glidden Company shall not be responsible for the use of this information, or of any product, method or apparatus mentioned and you must make your own determination of its suitability and completeness for your own use, for the protection of the environment, and the health and safety of your employees and users of this material.

Complies with OSHA hazard communication standard 29CFR1910.1200.

74 HMIS Rating	
Health	*3
Flammability	0
Reactivity	1

*See Health Hazard Data for chronic health information.

Prepared
November, 1988

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NO. 74

PRODUCT CODE NO.	74
Ingredients, Wt. %	
• Methane, Dichloro- (1)	78-83
• Solvent Naphtha (Petroleum), Light Aliph.	1-5
• Methanol (1)	1-5
• 2-Propanol	2-7
• 2-Propanone (1)	4-9
Physical Data	
% Volatile by Vol.	96.1
Wt. per Gallon, lbs.	9.9
Boiling Range, °F.	104-290
Flash Point, °F.	N.A.
Lower Explosive Limit	N.A.

• Hazardous Ingredients as defined by OSHA, ACGIH or The Glidden Company.

(1) SARA SECTION 313 CHEMICAL

(2) SARA SECTION 302 EHS

CHEMICAL NAME/COMMON NAME	CAS. NO.	ACGIH-TLV		OSHA-PEL 8-HOUR TWA	LEL	V.P.
		8-HOUR TWA	STEL			
Methane, Dichloro/Methylene Chloride	75-09-2	50 ppm	Not Established	500 ppm ▲	12.0	420 @ 68°F
Solvent Naphtha (Petroleum), Light Aliph./VMSP Naphtha	64742-89-8	300 ppm	Not Established	500 ppm ☆	0.9	30 @ 68°F
Methanol/Methyl Alcohol	67-56-1	Skin 200 ppm	Skin 250 ppm	200 ppm	6.0	96 @ 68°F
2-Propanol/Isopropyl Alcohol	67-63-0	400 ppm	500 ppm	400 ppm	2.0	33 @ 68°F
2-Propanone/Acetone	67-64-1	750 ppm	1000 ppm	1000 ppm	2.6	186 @ 68°F

Carcinogenicity Listed By: NTP? Yes IARC Monograph? No OSHA Regulated? No

LEL—The lower explosive limit is the lowest concentration (% of volatiles in air) that will produce a flash of fire when an ignition source is present.

V.P.—Vapor pressure in millimeters of mercury at the indicated temperature.

N.A.—Not applicable.

ppm—Parts per million.

NTP listing due to Methylene Chloride.

☆ As Petroleum Distillates.

▲—Acceptable Ceiling Concentration—1,000 ppm

Acceptable maximum peak above the acceptance ceiling concentration for an 8-hour shift—2,000 ppm/5 minutes in any 2 hours.

Skin—Additional exposure, over and above airborne exposure, may result from skin absorption