

TRADE NAME: Multilith Deglazing Solvent DATE: February, 1988
Ink/Glaze Remover 83-7-788001
 I. Name/Synonym: Chlorinated Hydrocarbon Part Number: 83-4-788004

Manufactured/Distributed by: MULTIGRAPHICS DIVISION
DISCONTINUED: APRIL, 1988 AM INTERNATIONAL, INC.
1800 West Central Road
Mt. Prospect, Illinois 60056

Emergency Phone - Day - (708) 870-5121
 Night - (708) 398-1900

II. INGREDIENTS - Confidential Information for Safety/Health Use Only
 (ALL EXPOSURE LIMITS ARE PPM UNLESS OTHERWISE NOTED)

Chemical Name	CAS#	OSHA PEL	ACGIH, NIOSH TLV, EXPOSURE LIMITS		NTP, IARC OSHA CARCINOGEN	WT %
			TWA	STEL		
<u>Methylene Chloride</u>	<u>75-09-2</u>	<u>500</u>	<u>50</u>	<u>500</u>	<u>No*</u>	<u>100</u>
<u>*Found to be carcinogenic in some laboratory animals.</u>						

III. PHYSICAL PROPERTIES

Boiling Point ('F): 104'F Specific Gravity (H₂O = 1): 1.320
 Vapor Pressure (mm Hg.): 355 Melting Point: N/A
 Vapor Density (Air = 1): 2.93 Evaporation Rate: 14.50
 Solubility in Water: 2g/100g @25'C (butyl acetate = 1)

Appearance/Odor: Clear liquid, distinct odor pH: N/A

IV. FIRE AND EXPLOSION HAZARD

Flash Point (Method): None (T.C.C.) Flammable Limits: LEL: 12 UEL: 19

Extinguishing Media: Use water spray to cool fire exposed tanks and containers.

Special Fire Fighting Procedure: Fire fighters should wear positive pressure self-contained breathing apparatus with face piece and full protective clothing.

Unusual Fire/Explosion Hazards: Open flame can produce phosgene and hydrogen chloride. Containers may rupture violently during a fire.

N/A = Not Applicable
 N/E = Not Established

V. REACTIVITY DATAStability: StableConditions to Avoid: Will dissolve paints and many synthetic fibers.Incompatibility, Materials to Avoid: Methyl-n-Nitroso-Urea, Potassium Hydroxide, Potassium Tert-Butoxide, Sodium and Potassium alloy, finely powdered aluminum and magnesium.Hazardous Decomposition Products: May release phosgene, HClHazardous Polymerization: Will not occur.VI. SPILL OR LEAK PROCEDURE/WASTE DISPOSALRemove all heat and ignition. Small spills - wipe clean with rags and towels; large spills - wear suitable mask - evaporates rapidly.Disposal: Hazardous waste - disposal as hazardous waste per EPA regulations. DO NOT pour down drain.VII. HEALTH HAZARD DATA

- A) Routes of entry, signs and symptoms of overexposure, acute and chemical effects.

METHYLENE CHLORIDE is stored in body fat and metabolized to carbon monoxide, which increases and sustains carboxyhemoglobin levels in the blood reducing its oxygen carrying capacity.Eye: Extreme pain if splashed in eyes.Skin: Prolonged contact will defat skin and may cause irritation or dermatitis.Inhalation: Strong narcotic effect.Ingestion: Stomach discomfort, can cause kidney damage.Target Organ: skin, CNS, eyes, CVS, kidneys, liver

- B) Carcinogenicity:
- Found to be carcinogenic in some lab animals.

- C) Medical conditions generally aggravated by normal exposure:
-
- None

- D)
- Emergency and First Aid

Eye: Flush with large quantities of water for at least 15 minutes.Skin: Wash with water.Inhalation: Move to fresh air.Ingestion: Do not induce vomiting; take to hospital or emergency room for further treatment.

VIII. SPECIAL PROTECTION INFORMATION

Respiration Protection: Atmospheric levels should be maintained below the exposure guideline. When respiratory protection is required for certain operations, use an approved air-purifying respirator. The effectiveness of an air purifying respirator is limited. Use it only for a single short-term exposure. For emergency and other conditions where the exposure guideline may be greatly exceeded, use an approved positive pressure self-contained breathing apparatus. In confined or poorly ventilated areas, use an approved positive pressure self-contained breathing apparatus.

Ventilation - Local Exhaust: Only to remain below 50% of TLV.

Other: N/A

Protective Gloves: Viton or Polyethylene Eye Protection: Prot. Glasses

Other Protection: Viton or polyethylene gloves, apron to prevent absorption onto clothing. Where contact with liquid is likely, use chemical goggles.

IX. SPECIAL PRECAUTIONS

Handling and Storage: Store in cool place.

Other: Read and follow directions on label. Do not reuse container.