

M Solvent Safety Data Sheet

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SECTION I – PRODUCT AND COMPANY INFORMATION

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Updated: 1/5/2018

Product Name: M Solvent
 CAS Number: MIXTURE
 Hazard Rating: Health: 2 Fire: 1 Reactivity: 0 PPI: D **M Solvent**

Company Identification: 410 Pike Road • Huntingdon Valley, PA 19006
 Telephone/Fax: 1. 800.220.1966 • 215.357.2754

FOR CHEMICAL EMERGENCIES: INFOTRAC 1.800.535.5053

Trade Name: M Solvent
 Product Code: M Solvent
 DOT Hazard Class: 6.1
 UN Number: 2810
 Shipping Name: TOXIC LIQUIDS, ORGANIC, NOS
 Packing Group: III
 Contains: (DICHLOROMETHANE, TRICHLOROETHYLENE)

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SECTION II – HAZARDOUS INFORMATION

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Ingredient Name	CAS Number	Percent	TSCA
METHYLENE CHLORIDE	75-09-2	75-90	Y
TRICHLOROETHYLENE	79-01-6	10-30	Y

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SECTION III – PHYSICAL DATA

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Form: CLEAR, TYPICAL ODOR
 Boiling Range: 104.øF
 Evaporation Rate: Faster than n-Butyl Acetate
 % Volatile Weight: 100.%
 % Volatile Volume: 100.%
 Specific Gravity: 1.34
 Weight/Volume Measure: 10.99999 EPA Method 24 VOC: 0
 g/L
 Photo Chem Reactive Only VOC: 0.

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SECTION IV – FIRE AND EXPLOSION HAZARD DANGER

Flammability Class: III B
Flash Range: Not Applicable
Explosive Range: Not Applicable

EXTINGUISHING MEDIA:

Foam, dry chemical, carbon dioxide, water spray or fog.

SPECIAL FIREFIGHTING PROCEDURES:

Avoid breathing smoke. Use air supplied rescue equipment for enclosed area. Water tends to spread burning liquid if large amounts used.

UNUSUAL FIRE & EXPLOSION HAZARDS:

Container may vent and/or rupture due to fire. Although this material does not have a flash point, it can burn at room temperature.

SECTION V – HEALTH HAZARD DATA

PERMISSIBLE EXPOSURE LEVEL:
SEE SECTION VIII.

EFFECTS OF OVEREXPOSURE:

INHALATION: May cause dizziness, nausea, upper respiratory irritation, drowsiness, mental depression or narcosis, difficulty in breathing, irregular heartbeats. Chronic effects of overexposure to solvent vapors could lead to permanent effects to the nervous system, body organs and slight liver damage on excessive exposure. Use with adequate ventilation. Can cause cardiac arrest and irregular heartbeats when inhaled in massive amounts as for euphoria.

EYES: Irritation.

SKIN: Removal of skin oils, irritation, dermatitis, sensitization.

INGESTION: May be harmful if swallowed; can cause gastrointestinal tract effects.

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Methylene Chloride has been shown to cause cancer in certain laboratory animals. Repeated and/or prolonged exposure to high concentrations has induced liver and kidney and possible cardiac toxicity in experimental animals.

FIRST AID:

INHALATION: Get fresh air, if necessary, call Physician.

SKIN: Wash with mild soap and water, apply a mild cream.

Eyes: Flush with water for at least 15 minutes.

Ingestion: Call Poison Center immediately.

NOTE TO PHYSICIAN: Adrenalin should never be given to person overexposed to methylene chloride!!!

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SECTION VI – REACTIVITY DATA
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Stability: This product is stable
Hazardous Polymerization: Hazardous polymerization will not occur

INCOMPATIBILITY:

Aluminum

CONDITIONS TO AVOID:

Highly alkaline materials, i.e.; sodium hydroxide, aluminum.

HAZARDOUS DECOMPOSITION PRODUCTS:

CO, CO₂, hydrogen chloride and phosgene

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SECTION VII – SPILL OR LEAK PROCEDURES
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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Ventilate area. Avoid breathing vapors. Contain spill if possible. Wipe up or absorb with suitable material and shovel up. Prevent entry into sewers and waterways.

WASTE DISPOSAL METHOD:

Material is designated as hazardous waste until all solvents and vapors have evaporated. Dispose of in accordance with local, state, and federal regulations. Dried adhesive may be disposed of as ordinary waste.

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SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits:

	ACGIH TLV	ACGIH TLV-C	ACGIH STEL	OSHA STEL	OSHA PEL
METHYLENE CHLORIDE	50.00 PPM	N/est	N/est	125.00 PPM	25.00 PPM
TRICHLOROETHYLENE	50.00 PPM	N/est	100.00 PPM	N/est	100.00 PPM

RESPIRATORY PROTECTION:

If vapors exceed PEL use air supplied, NIOSH approved, respirator.

VENTILATION:

Sufficient to keep workroom concentration below PEL.

PROTECTIVE GLOVES:

Chemical resistant gloves.

EYE PROTECTION:

Safety glasses. Face shield as necessary if spraying.

OTHER PROTECTIVE EQUIPMENT:

Use chemical resistant apron or other clothing if needed to avoid repeated or prolonged skin contact.

SECTION IX – SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Keep container closed when not in use. Store at 60–95 degrees F out of sun. Use adequate ventilation to avoid breathing vapors when cover is removed. Do not smoke when vapors are present.

OTHER PRECAUTIONS:

For professional or industrial use only. Follow label instructions. Keep out of the reach of children. Not for consumption. No smoking. Do not breathe fumes. Avoid contact with body. Turn off all pilot lights, flames, stoves, heaters, electric motors, welding equipment and other sources of ignition. Close all containers when not in use. Empty containers must not be washed and re-used for any purpose. Contact lens wearers take appropriate precautions. Wash hands thoroughly after handling. For spray applications, use only with approved spray equipment. For flammable products, vapors may cause flash fire or ignite explosively. To prevent buildup of vapors, use adequate ventilations (e.g. open all windows and doors to achieve cross-ventilation). Containers may be hazardous when empty. Never use welding or cutting torch on or near container.

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SECTION X – ADDITIONAL REGULATORY INFORMATION
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–SARA TITLE III SECTION 313:

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right to Know Act of 1986 and of 40 CFR 372:

Ingredient Name	CAS Number	Percent
METHYLENE CHLORIDE	75-09-2	75-90
TRICHLOROETHYLENE	79-01-6	10-30

–PROP 65 (CARCINOGEN)

WARNING: This product contains a chemical known to the state of California to cause cancer.

Ingredient Name	CAS Number	Percent
METHYLENE CHLORIDE	75-09-2	75-90
TRICHLOROETHYLENE	79-01-6	10-30

The following ingredients are registered for TSCA 12B

Ingredient Name	CAS Number	Percent
TRICHLOROETHYLENE	79-01-6	10-30

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DISCLAIMER
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***** NOTICE *****

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