

Material Safety Data Sheet

Date last reviewed: January 1, 2008

I. General Information

Chemical Name & Synonyms Proprietary Blend	Trade Name & Synonyms Peel Away 2
Chemical Family Solvent Mixture	Formula Mixture
Proper DOT Shipping Name Containers 1 gal. (4 L) or smaller: ORM-D Containers larger than 1 gal. (4 L): Dichloromethane Mixture, 6.1, UN1593, PG III	DOT Hazard Classification Class 6.1, PG III
Manufacturer Dumond Chemicals, Inc.	Manufacturer's Phone Number (212) 869-6350
Manufacturer's Address 1501 Broadway, New York, NY 10036	Emergency Number: (800) 457-4280

II. Ingredients

Principal Hazardous Components	CAS #	Percent	PEL	TLV
Methylene Chloride* ¹ (Dichloromethane)	75-09-2	65-70	25 ppm TWA 125 ppm STEL	50 ppm TWA
Methanol*	67-56-1	3-5	200 ppm TWA (skin)	200 ppm TWA (skin)
Non-hazardous Ingredients	N/A	25-32	None Established	None Established

*SARA 313: Methylene Chloride and Methanol are regulated chemicals under SARA Title III, Section 313.

¹Refer to OSHA 1910.1052, 1915.1052 and 1926.1152 for further information.

III. Physical Data

Boiling Point (°F) 104°F (Methylene Chloride)	Specific Gravity (H ₂ O =1) 1.134
Vapor Pressure (mm Hg) @ 20° C 350	Percent Volatile by Volume (%) 70
Vapor Density (Air=1) 2.9	Evaporation Rate (Butyl Acetate =1) 27.5
Solubility in Water 2%	pH N/A
Appearance & Odor White paste, viscous, slight ether-like odor.	

IV. Fire & Explosion Hazard Data

Flash Point (Test Method) None to Boiling (CC)	Autoignition Temperature None		
Flammable Limits	LEL 14%	UEL 22%	
Extinguishing Media Water fog, dry chemical, carbon dioxide, foam, halon.			
Special Fire Fighting Procedures Wear full emergency equipment and NIOSH approved positive pressure SCBA. Cool fire exposed containers with water.			
Unusual Fire & Explosion Hazards Concentrated vapors above the LEL may ignite with spark or high intensity ignition source. Decomposition products are toxic. At elevated temperatures containers may rupture.			
HMIS Ratings	Health: 3*	Flammability: 1	Reactivity: 0

V. Health Hazard Data

OSHA Permissible Exposure Limit See Section II	ACGIH Threshold Limit Value See Section II
Carcinogen - NTP Program Yes, NTP-R	Carcinogen - IARC Yes, Group 2B
Symptoms of Exposure <u>Acute Effects:</u> Eyes: May cause severe irritation with possible corneal damage. Skin: May cause severe irritation and burns. May be absorbed through the skin in toxic amounts. Inhalation: May cause respiratory irritation, dizziness, headache, cardiac disturbances, unconsciousness or death. Ingestion: May cause gastrointestinal irritation, CNS depression, blindness or death. <u>Chronic Effects:</u> Prolonged or repeated exposure may cause CNS and optic nerve effects or dermatitis. Methylene chloride has been found to cause cancer in laboratory animals.	
Medical Conditions Aggravated By Exposure: Chronic respiratory, heart and skin diseases.	
Primary Route(s) of Entry Eye, skin, inhalation, ingestion	
Emergency First Aid Eye: Immediately flush with water for 15 minutes. Get immediate medical attention. Skin: Remove contaminated clothing. Wash thoroughly with soap and water for 15 minutes. Get medical attention. Inhalation: Remove to fresh air. Restore breathing. Get immediate medical attention. Ingestion: If conscious, give 2 glasses of water and induce vomiting. Never give anything to a person who is unconscious or drowsy. Get immediate medical attention.	

IV. Reactivity Data

Stability	X	Unstable Stable	Conditions to Avoid Open flames, hot glowing surfaces, electric arcs
Incompatibility Caustic soda, strong oxidizers, chemically active metals, nitric acid.			
Hazardous Polymerization	X	May Occur Will Not Occur	Conditions to Avoid N/A
Hazardous Decomposition Carbon monoxide, carbon dioxide, hydrogen chloride and phosgene.			

VII. Environmental Protection Procedures

Spill Response	Wear appropriate protective equipment and SCBA if needed. Cover with absorbent and place into a closable container for disposal. Prevent runoff to drains, sewers or waterways. Report spill as required.
Waste Disposal Method	Dispose of in accordance with all state, local and federal regulations.

VIII. Special Protection Information

Eye Protection Chemical safety goggles/faceshield required.	Skin Protection Vitron, PVA or nitrile gloves.
Respiratory Protection (Specific Type) Supplied Air (Refer to OSHA 1910.1910, 1915.1052, or 1926.1152)	Ventilation Recommended Provide adequate general or local exhaust to maintain concentrations below the PEL.
Other Protection Impervious apron, boots, safety shower, eye wash as needed.	

IX. Special Precautions

Hygienic Practices in Handling & Storage	Store in a cool, well ventilated area away from oxidizers and caustics.
Work Practices	Avoid eye and skin contact. Avoid breathing vapors. Use only with adequate ventilation. Refer to OSHA's Methylene Chloride Standard, 1910.1052, 1915.1052 and 1926.1152 for further information.
Other Precautions	Avoid use where carbon monoxide may be present (i.e. garages, loading docks). Keep away from open flames, electric arcs, and hot surfaces.