

Material Safety Data Sheet

Date last reviewed: May 2, 2001

I. General Information

Chemical Name & Synonyms Proprietary Blend	Trade Name & Synonyms Peel Away 4
Chemical Family Organic Acid	Formula Mixture
Proper DOT Shipping Name Containers 1 gal. (4 L) or smaller: ORM-D Containers larger than 1 gal. (4 L): Acetic Acid Solution, 8, UN2790, PGIII	DOT Hazard Classification Class 8, PGIII (Corrosive Material)
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 #	%	PEL	TLV	Other
Acetic Acid 30%	64-19-7	70-80	10 ppm TWA	10 ppm TWA 15 ppm STEL	N/A
*n-Methyl-2-Pyrrolidone	872-50-4	10-15	None Established	None Established	10 ppm TWA skin AIHA WEEL
Non-hazardous Ingredients	N/A	Balance	None Established	None Established	N/A

*SARA 313: n-Methyl-2-Pyrrolidone is a regulated chemical under SARA Title III, Section 313.

III. Physical Data

Boiling Point (°F) 194	Specific Gravity (H ₂ O =1) 1.2
Vapor Pressure (mm Hg) 11.8 (acetic acid)	Percent Volatile by Volume (%) 88
Vapor Density (Air=1) 3.2 (n-methyl-2-pyrrolidone)	Evaporation Rate (Butyl Acetate =1) 0.97 (acetic acid)
Solubility in Water Soluble	pH Approximately 3.0
Appearance & Odor Light tan, viscous liquid with a characteristic odor of vinegar.	

IV. Fire & Explosion Hazard Data

Flash Point (Test Method) None to boiling	Autoignition Temperature Not established		
Flammable Limits None	LEL N/A	UEL N/A	
Extinguishing Media This material is not combustible. Use media appropriate for the surrounding fire.			
Special Fire Fighting Procedures Wear full emergency equipment and NIOSH approved positive pressure SCBA. Cool fire exposed containers with water.			
Unusual Fire & Explosion Hazards At elevated temperatures containers may rupture.			
HMIS Ratings	Health: 3	Flammability: 0	Reactivity: 0

V. Health Hazard Data

OSHA Permissible Exposure Limit See Section II	ACGIH Threshold Limit Value See Section II
Carcinogen - NTP Program No	Carcinogen - IARC No
Symptoms of Exposure Acute Effects: Eyes: Vapors may cause irritation. Liquid may cause severe burns. Skin: May cause irritation. Inhalation: Mists and vapors may cause irritation to the eyes, mucous membranes and upper respiratory tract. Ingestion: May cause gastrointestinal burns, vomiting, diarrhea, headache and abdominal pain. Chronic Effects: Prolonged skin contact may cause burns. Widespread/prolonged contact may cause absorption with symptoms similar to ingestion.	
Medical Conditions Aggravated By Exposure: Individuals with chronic respiratory or skin diseases may be at risk from exposure.	
Primary Route(s) of Entry Eye, skin, ingestion	
Emergency First Aid Eye: Flush with water for 15 minutes. Get immediate medical attention. Skin: Wash thoroughly w/soap & water. Remove contaminated clothing. Get medical attention for irritation. Inhalation: Remove to fresh air. Get medical attention. Ingestion: If conscious, give 2 glasses of water. Do not induce vomiting. Get immediate medical attention.	

IV. Reactivity Data

Stability	X	Unstable Stable	Conditions to Avoid N/A
Incompatibility Strong mineral acids, alkalis, oxidizers or reducing agents.			
Hazardous Polymerization	X	May Occur Will Not Occur	Conditions to Avoid N/A
Hazardous Decomposition Carbon monoxide, carbon dioxide and oxides of nitrogen.			

VII. Environmental Protection Procedures

Spill Response Wear appropriate protective clothing. Neutralize with baking soda. Collect into closable containers. Flush spill area with water. Prevent runoff from entering sewers or waterways. Report spills 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	Skin Protection Rubber or neoprene gloves
Respiratory Protection (Specific Type) If exposure limit is exceeded, wear an organic vapor respirator or SCBA.	Ventilation Recommended Good general room ventilation required. If exposure limits are exceeded, local exhaust may be required.
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 other incompatible substances.
Work Practices Prevent eye and skin contact. Avoid breathing vapors. Use only with adequate ventilation and appropriate equipment.
Other Precautions Wash thoroughly after use. Empty containers retain residues and may be hazardous.