

Material Safety Data Sheet

Date last reviewed: January 1, 2008

I. General Information

Chemical Name & Synonyms Proprietary Mixture	Trade Name & Synonyms CPU 647 Component Polyurethane Barrier Coating Part A
Chemical Family Resin Solution	Formula Mixture
Proper DOT Shipping Name Not Regulated	DOT Hazard Classification Not Regulated
Manufactured for: Dumond Chemicals, Inc.	Information Phone Number (212) 869-6350
Address 1501 Broadway, New York, NY 10036	Emergency Number: (800) 535-5053 (Infor Trac)

II. Ingredients

Principal Hazardous Components	CAS #	%t	PEL	TLV	Other
*n-Methyl-2-Pyrrolidone	872-50-4	1-5	None Established	None Established	10 ppm TWA skin AIHA WEEL
Propylene Glycol Propyl Ether	1569-01-3	1-2	None Established	None Established	
Proprietary Ingredients	Proprietary	1-35	None Established	None Established	
Water	7732-18-5	50-65	None Established	None Established	

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

III. Physical Data

Boiling Point (°F) Not available	Specific Gravity (H ₂ O =1) Greater than 1
Vapor Pressure (mm Hg @ 20°C) 0.5 @ 77 F° (n-methyl-2-pyrrolidone)	Percent Volatile by Volume (%) 1.33 lbs/gal (as used) = VOC content
Vapor Density (Air=1) 3.4 (n-methyl-2-pyrrolidone)	Evaporation Rate (Butyl Acetate =1) Not available
Solubility in Water Complete	pH Not available
Appearance & Odor White liquid with a mild odor.	

IV. Fire & Explosion Hazard Data

Flash Point (Test Method) Not flammable	Autoignition Temperature Not applicable		
Flammable Limits	LEL N/A	UEL N/A	
Extinguishing Media Use media appropriate for 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 Emits toxic fumes under fire conditions.			
HMIS Ratings	Health: 2*	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 <u>Acute Effects:</u> Eyes: Direct contact may cause irritation, redness and swelling. Skin: May cause irritation. Contact with open sores or cuts may cause burning of the skin. Widespread/prolonged contact may cause absorption with symptoms similar to ingestion. Inhalation: Mists and vapors may cause irritation of the eyes, mucous membranes and upper respiratory tract. Ingestion: May cause gastrointestinal irritation, nausea, vomiting and diarrhea. <u>Chronic Effects:</u> Prolonged skin contact may cause dermatitis.	
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, inhalation, ingestion	
Emergency First Aid Eye: Immediately flush eyes 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. Restore breathing. Get immediate 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 acids and oxidizers.			
Hazardous Polymerization	X	May Occur Will Not Occur	Conditions to Avoid N/A
Hazardous Decomposition Carbon dioxide, carbon monoxide and oxides of nitrogen.			

VII. Environmental Protection Procedures

Spill Response Wear appropriate protective clothing. Collect with an inert absorbent. Wash 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 Wear chemical safety glasses/goggles.	Skin Protection Use 4H gloves to prevent skin contact.
Respiratory Protection (Specific Type) For spray application, an approved supplied air or S may be required.	Ventilation Recommended If exposure limits are exceeded, local exhaust may be required.
Other Protection For operations where contact can occur, a safety shower and an eye wash facility should be available.	

IX. Special Precautions

Hygienic Practices in Handling & Storage Store in a cool, well ventilated area away from oxidizers and other incompatible substances.
Work Practices Avoid eye and skin contact. Avoid breathing vapors. Wash thoroughly after handling.
Other Precautions Use appropriate protective equipment. Empty containers retain residue and may be hazardous.