



# MATERIAL SAFETY DATA SHEET

## CrystalFin®

Product Number(s): 12010-12090 Gloss  
 12110-12190 Semi-Gloss  
 12210-12290 Satin  
 12310-12390 Matte

HMIS Information  
 Health 1  
 Flammability 0  
 Reactivity 0

Manufacturer: Daly's Wood Finishing Products  
 3525 Stone Way North  
 Seattle, WA 98103

Preparer's Name: H. Paulson  
 Date Prepared: 10/25/00  
 Date Reviewed: 08/07/03

Emergency Telephone Number:  
 Chemtel (24 Hour): 800-255-3924

### SECTION I - PRODUCT IDENTITY

**Chemical Name:** Aqueous Polyurethane/Acrylic Resin Mixture.

**Chemical Formula:** N/A Product is a mixture.

**Shipping Classification:** Not Regulated

### SECTION II - HAZARDOUS INGREDIENTS

Chemical & Common Name:	CAS Number:	Wt. %:	OSHA PEL:	ACGIH TLV:	OTHER:
Dipropylene Glycol Monomethyl Ether	34590-94-8	3	100ppm	100ppm	
N-Methyl-2-Pyrrolidone*	872-50-4	2-3	Not Established	100ppm recommended	
Propylene Glycol Monobutyl Ether*	5131-66-8	2	Not Established	Not Established	
Dibutyl Phthalate*	84-74-2	1	5mg/m <sup>3</sup>	5mg/m <sup>3</sup>	

\*Denotes a reportable toxic chemical under EPA SARA Title III, Section 313 (40 CFR 372).

### SECTION III - PHYSICAL CHARACTERISTICS

<b>Boiling Range:</b>	212°F	<b>% Volatile by Volume:</b>	74-75%
<b>Specific Gravity:</b>	1.0-1.1	<b>Evaporation Rate (BuOAc=1):</b>	<1
<b>Vapor Pressure (mm Hg):</b>	=water	<b>Maximum Volatile</b>	
<b>Vapor Density (Air=1):</b>	>1	<b>Organic Content (V.O.C.):</b>	367 gr/L
<b>Solubility (specific solvents):</b> Completely soluble in water, alcohol; insoluble in most petroleum solvents.			
<b>Appearance &amp; Odor:</b> Milky white liquid; very little odor.			

### SECTION IV - FIRE & EXPLOSION DATA

<b>Flash Point (Setaflash):</b>	Product is non-flammable.	<b>Flammable Limits (% in Air):</b>	N/A
<b>Extinguishing Media:</b>	Product is non-flammable		
<b>Special Firefighting Procedures:</b>	Product is non-flammable		
<b>Unusual Fire &amp; Explosion Hazards:</b> None known.			
<b>Reactivity:</b>	Product is stable.		
<b>Conditions to Avoid:</b>	Keep from freezing.	<b>Hazardous Polymerization:</b>	Will not occur.
<b>Incompatibilities (materials to avoid):</b>	None known.		
<b>Hazardous Decomposition Products:</b>	Usual products of combustion: CO <sub>2</sub> , and oxides of nitrogen.		

### SECTION V - HEALTH HAZARDS

**Primary Routes of Entry:** Eye contact, inhalation, ingestion, skin contact.

**ACUTE HEALTH EFFECTS:**

**EYE CONTACT:** May cause redness, irritation.

**INHALATION:** May cause respiratory tract irritation.

**INGESTION:** May cause nausea, gastrointestinal irritation, or vomiting.

**SKIN CONTACT:** May cause irritation.

**EMERGENCY FIRST AID PROCEDURES:**

**EYE CONTACT:** Wash with clean water for at least fifteen minutes; get medical attention.

**INHALATION:** Remove to fresh air. If not breathing, administer artificial respiration. Get medical aid immediately.

**INGESTION:** DO NOT INDUCE VOMITING. Give water or milk to drink; get medical attention.

SECTION V - HEALTH HAZARDS(cont'd)

**SKIN CONTACT:** Wash area with soap and water.

**CHRONIC HEALTH EFFECTS:** Not listed as a carcinogen by the NTP, IARC, or OSHA. No adverse long term affects are known.

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** Pre-existing skin conditions could be aggravated by repeat exposure.

SECTION VI - SPILL OR LEAK PROCEDURES

**Steps to be taken in case material is spilled or released:** Soak up spill with absorbent material. Let dry and dispose of.

**Waste disposal method:** Dispose of in accordance with all federal, state and local regulations.

SECTION VII - SPECIAL PROTECTION DATA

**Respiratory protection:** None required with normal use. If spraying, wear a NIOSH-approved respirator for organic vapors, and ensure workers are trained in proper use.

**Ventilation:** Local exhaust to keep vapor concentration below TLV.

**Protective Gloves:** Rubber or plastic, if prolonged contact is likely.

**Eye Protection:** Goggles or face shield, if eye contact is likely.

**Other protective clothing or equipment:** Plastic apron, if contact is likely; eyewash station should be available.

SECTION VIII - HANDLING & STORAGE DATA

**Precautions to be taken in handling and storage:** Read and observe all precautions on product label.

**Other precautions:** Store in original container; keep tightly closed. Do not reuse container for other purposes.

**KEEP OUT OF REACH OF CHILDREN.**

SECTION IX - OTHER INFORMATION

Daly's, Inc. certifies that this MSDS meets the requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200 and EPA SARA Title III Section 313 Supplier Notification (40 CFR 372):

<u>C.A.S. Number</u>	<u>Chemical or Common Name</u>	<u>% by Weight</u>
84-74-2	Dibutyl Phthalate	1
5131-66-8	Propylene Glycol Monobutyl Ether	2
872-50-4	N-Methyl-2-Pyrrolidone*	2-3

\*CA PROP 65: Known to the State of California to cause cancer and or reproductive toxicity.

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