



MATERIAL SAFETY DATA SHEET

CrystalFin® Crosslinker

Product Number(s): 1252

HMIS Information
Health 3*
Flammability 1
Reactivity 1

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: Polyfunctional Azirdine/Solvent Mixture. **Chemical Formula:** N/A Product is a mixture.
Shipping Classification: Combustible Liquid, N.O.S. (Glycol Ether) NA 1993, PGIII

SECTION II - HAZARDOUS INGREDIENTS

Chemical & Common Name:	CAS Number:	Wt. %:	OSHA PEL:	ACGIH TLV:	OTHER:
Dipropylene Glycol Monomethyl Ether	34590-94-8	73	100ppm	100ppm	
1-Azirdinepropanoic acid, 2-methyl-2-ethyl-2[3-(2-methyl-1aziridinyl)-1-oxopropoxy-methyl]-1, 3-propandiyl ester*	64265-57-2	27	Not Established	Not Established	

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

SECTION III - PHYSICAL CHARACTERISTICS

Boiling Range:	363°F	% Volatile by Volume:	75%
Specific Gravity:	.98	Evaporation Rate(BuOAc=1):	<1
Vapor Pressure (mm Hg):	0.55mm	Maximum Volatile	
Vapor Density (Air=1):	>1	Organic Content (V.O.C.):	715 gr/L
Solubility (specific solvents):	Soluble in most petroleum solvents; slightly soluble in water.		
Appearance & Odor:	Yellow liquid; characteristic glycol ether odor.		

SECTION IV - FIRE & EXPLOSION DATA

Flash Point (Setaflash): 175°F
Flammable Limits (% in Air): No Data Available.
Extinguishing Media: Water fog, alcohol-resistant foam, CO₂, dry chemical
Special Firefighting Procedures: Fight as a volatile fire. Do not enter enclosed or confined fire spaces without proper protective equipment.
Unusual Fire & Explosion Hazards: Flammable vapors released when heated above the flash point. May react with water to release energy.
Reactivity: Product is stable. **Hazardous Polymerization:** May occur if mixed with acidic materials.
Conditions to Avoid: Ignition sources, oxidation.
Incompatibilities (materials to avoid): Acidics, anhydrides, strong oxidizers.
Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, nitrous oxides.

SECTION V - HEALTH HAZARDS

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

ACUTE HEALTH EFFECTS:

EYE CONTACT: Corrosive, may cause redness, irritation.
INHALATION: May cause anesthetic or narcotic effects.
INGESTION: May cause nausea, gastrointestinal irritation, or vomiting.
SKIN CONTACT: May cause irritation; prolonged contact may cause sensitization.

EMERGENCY FIRST AID PROCEDURES:

EYE CONTACT: Flush with clean water for at least fifteen minutes; get medical attention.
INHALATION: Move individual to fresh air. If breathing has stopped, apply artificial respiration; get medical attention.
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. Remove contaminated clothing.

CHRONIC HEALTH EFFECTS: Not listed as a carcinogen by the NTP, IARC, or OSHA. Similar chemicals are known to cause cancer in lab animals. Exercise due caution.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Sensitizer for allergic persons.

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.

Eye Protection: Goggles or face shield.

Other protective clothing or equipment: Plastic apron, or similar protective clothing.

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):

CAS Number	Chemical & Common Name	Wt.%
64265-57-2*	1-Azirdinepropanoic acid, 2-methyl- 2-ethyl-2[3-(2-methyl-1aziridinyl)- 1-oxopropoxy-methyl]-1, 3-propandiyl ester	27

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

Daly's Wood Finishing Products

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