

**MATERIAL SAFETY DATA SHEET
FINISHES, COATINGS AND RELATED MATERIALS**

MANUFACTURER: POLOPLAZ.
1 Paradise Park Road
Jacksonville, Arkansas 72076
(501) 985-1172

EMERGENCY CONTACT (INFOTRAC #): 1-800-535-5053

Date: January 20, 2009
Prepared by: POLOPLAZ. Technical Staff
Supersedes Date: March 15, 2005

SECTION I: PRODUCT IDENTIFICATION

Product name: PoloPlaz Crosslinker
Product class: Water Based Floor Finish Catalyst

SECTION II: HAZARDOUS INGREDIENTS

Ingredient:	Polyfunctional Aziridine
CAS#:	064265-57-2
Weight percent:	99.7%
Vapor density	Heavier than air
TLV / ACGIH	No Data
Vapor pressure @ 20 C	No Data

SECTION III: HAZARDS IDENTIFICATION

HMIS® HAZARD RATING

HEALTH: 3 FLAMMABILITY: 1 REACTIVITY: 1

CEPA(Canada): Ingredients are on the DSL (Domestic Substances List)

DOT Shipping name: Not regulated by DOT

DOT Drum label: None

Emergency Overview

PALE YELLOW LIQUID; MILD AMINE ODOR;
GASTROINTESTINAL IRRITANT. RESPIRATORY SENSITIZER. SKIN IRRITANT.
RESPIRATORY IRRITANT. SKIN SENSITIZER. EYE CORROSIVE.

Potential Health Hazards

Skin: This product is a moderate skin irritant based on animal studies. This product induced skin sensitization in animal study. This product may induce skin sensitization in humans.

Ingestion: The acute oral toxicity of this material is between 500 and 5000 mg/kg. Relative to other materials, this material is classified as slightly toxic by ingestion. In humans, irritation of the mouth, pharynx, esophagus, and stomach can develop following ingestion of this material.

Inhalation: Vapors and/or aerosols of this material will probably irritate mucous membranes, eyes, nose, and respiratory passages. This material may induce respiratory allergy/sensitization. Symptoms include: cough, tightness in chest, and/or asthmatic wheezing.

Chronic Exposure: Aziridine based crosslinkers caused mutations and chromosomal aberrations in several in vitro and in vivo genotoxicity studies. Based on these studies and animal carcinogenicity data on similar substances, this material should be treated as a potential carcinogen.

SECTION IV: FIRST AID MEASURES

Eye contact: Immediately flush with plenty of water for 15 minutes & call a physician.

Skin contact: In case of contact with skin, wash thoroughly with soap and water. Remove & wash contaminated clothing before reuse. (Discard contaminated shoes.)

Inhalation: Remove victim to fresh air. If breathing is difficult, give oxygen. If breathing has stopped, give artificial respiration. Call a physician immediately.

Ingestion: Call a Physician immediately. Induce vomiting promptly using Physician's instructions. Never give anything by mouth to an unconscious person.

Note to physician

Medical personnel should evaluate persons with chronic pulmonary disease before those workers handle this product.

SECTION V: FIRE FIGHTING MEASURES & DATA

Flammable Properties

Flash point: > 100 °C (>212 °F) Seta Flash cc

Extinguishing agents:

Water fog, foam, carbon dioxide, dry chemicals, halogenated agents. Water may be used to cool closed containers to prevent pressure buildup.

Special hazards during firefighting:

Heat/impurities may increase temperature/build pressure/rupture closed containers, spreading fire, increasing risk of burns injuries.

Special protection equipment for fire-fighters:

Wear self-contained breathing apparatus with full facepiece and full protective clothing. If contact occurs with material or its solutions, immediately flush with water and remove contaminated clothing.

SECTION VI: ACCIDENTAL RELEASE MEASURES

Spill or leak procedures:

Stop spill at source. Dike area & contain. Clean up remainder with absorbent materials. Dispose of collected materials according to Federal, State, & Local Regulations. Decontaminate with 1% acetic acid solution or one part white vinegar to four parts water.

Waste disposal methods: Recycle or dispose of observing Federal, State, & Local Regulations. If questions exist, contact the proper agencies.

SECTION VII: HANDLING & STORAGE

Handling:

Use only with adequate ventilation. Avoid prolonged or repeated breathing of vapor or spray mist. Do not get in eyes, on skin or clothing. Wear OSHA standard goggles or face shield. Consult Safety equipment supplier. Wear gloves, apron & footwear impervious to this material. Wash clothing before reuse.

Storage:

Keep container tightly closed & upright when not in use to prevent leakage. Do not flame cut, braze, or weld. Isolate from oxidizers, heat & open flame. Avoid contamination and freezing conditions.

SECTION VIII: EXPOSURE CONTROLS & PERSONAL PROTECTION

Exposure controls:

If engineering controls do not maintain airborne concentrations below recommended exposure limits, an approved respirator must be worn. Respirator type: organic vapor. If respirators are used, a program should be instituted to assure compliance with OSHA Standard 29 CFR 1910.134.

Ventilation:

Use local, general & mechanical exhaust necessary to keep vapor levels below TLV if established, otherwise adequate to reduce exposure to airborne particles.

Personal protection:

Wear OSHA Standard goggles or face shield.

Consult Safety Equipment Supplier. Wear gloves, apron & footwear impervious to this material.

Wash clothing before reuse.

SECTION IX: PHYSICAL DATA

Appearance: Liquid, pale yellow

Boiling Range: no data

Weigh per gallon: 8.91 Lb

Vapor pressure: no data

Odor: mild amine

Specific gravity: 1.07

VOC's: 0.04lbs/gall 4.800gms/ltr

Vapor density: Heavier than air

SECTION X: REACTIVITY DATA

Conditions to avoid:

Avoid contamination with acidic materials, heat, direct sunlight, ultraviolet radiation, strong oxidizing conditions and freezing conditions.

Materials to avoid:

Acidic materials, anhydrides, strong oxidizers

Hazardous decomposition products:

Oxides of carbon and nitrogen.

Hazardous reaction:

Hazardous polymerization may occur if mixed with acidic materials.

SECTION XI: DISPOSAL

Disposal methods:

Incinerate in approved facility. Do not incinerate in closed containers. Dilute with clean, low viscosity fuel. Unused material should not be released to the environment. Discarded product is not a hazardous waste according to RCRA, but may be regulated by other jurisdictions.

OTHER COMMENTS

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