

MATERIAL SAFETY DATA SHEET
U.S. Department of Labor
Occupational Safety & Health Administration

OZ CATALYST

SECTION 1 - IDENTIFIERS

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 TRADE NAME: OZ Catalyst
 CHEMICAL FAMILY: Latent Aliphatic Polyamine

SECTION 2 – HAZARD IDENTIFICATION & EMERGENCY OVERVIEW

Emergency Overview: Toxic gases/fumes may be emitted during burning or thermal decomposition. Closed container may rupture under extreme heat.

Effects of Overexposure:

SKIN: Not expected to be irritating.

EYES: May cause redness, swelling and tearing of the eyes. Vapor may irritate.

BREATHING: May cause irritation to the upper respiratory tract in high concentrations or at high temperatures.

SWALLOWING: Highly damaging to the digestive tissue lining. Harmful or fatal if swallowed.

SECTION 3 - COMPOSITION

COMPONENT	CAS #	APPROX %	TLV
Urethane Bisoxazolidine	59719-67-4	90	
Aromatic 100	64742-95-6	10	

KNOWN CARCINOGENS OR MUTAGENS - TYPE & DEFINITION – None known

SECTION 4 – FIRST AID MEASURES

SKIN: Remove contaminated clothing and wash affected areas with soap and water. Wash contaminated clothing before reuse. Get medical attention if irritation develops.

EYES: Flush with clear water for 15 minutes and seek immediate medical attention.

BREATHING: Remove to fresh air. If breathing is difficult, get oxygen.

SWALLOWING: Do NOT induce vomiting. Get medical attention.

SECTION 5 – FIRE & EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): 132°F Pensky Marten C.C.

FLAMMABLE LIMITS: Lel 0.9; Uel 6.0

EXTINGUISHING MEDIA: All extinguishing media are suitable; water spray for large fires.

SPECIAL FIRE FIGHTING PROCEDURES: Full emergency equipment with self-contained breathing apparatus and full protective clothing should be worn. During a fire, irritating, toxic gasses and smoke are present from decomposition/combustion.

UNUSUAL FIRE & EXPLOSION HAZARDS: Closed container may explode when exposed to extreme heat. Use cold water spray to cool containers.

DECOMPOSITION PRODUCTS: By fire: CO, CO², HDI, NOX and possibly amines and cyanides.

SECTION 6 – SPILL OR LEAK PROCEDURES

Remove ignition sources from spill area and evacuate non-essential personnel. Ventilate the area and equip clean-up crew with appropriate protective equipment. Dike or impound spilled material and control further spillage if feasible. Cover spill with absorbent material, collect and place in a clean, dry container. Handle as combustible waste.

SECTION 7 – HANDLING & STORAGE

Containers should be tightly sealed to prevent contamination with foreign materials and moisture. Material is combustible - avoid heat and open flames. Store between 50° and 100°F.

SECTION 8 – PERSONAL PROTECTION/EXPOSURE CONTROLS

RESPIRATORY PROTECTION (SPECIFY TYPE): Local exhaust ventilation must be utilized during curing to prevent the build-up of isobutylaldehyde vapors which are extremely flammable. Respiratory protection is not required while handling this product under normal conditions of use.

EYE PROTECTION: Safety glasses or goggles. Contact lenses should not be worn while using this product.

SKIN PROTECTION: Impermeable gloves are recommended.

OTHER PROTECTIVE EQUIPMENT: Eye wash station or fresh clean water.

PERSONAL HYGIENE: Wash contaminated clothing before re-use. Wash thoroughly after using this product.

SECTION 9 - PHYSICAL DATA

BOILING POINT (F)	500°	SPECIFIC GRAVITY (H ₂ O=1)	1.05
VAPOR PRESSURE	9.75	PERCENT, VOLATILE BY VOLUME	10
VAPOR DENSITY (AIR=1)	>1	EVAPORATION RATE (N.B.A.=1)	<1
SOLUBILITY IN WATER	Insoluble	pH (5% SLURRY)	Alkaline

APPEARANCE & ODOR - Clear to slightly yellow liquid with a sweet odor.

SECTION 10 - REACTIVITY DATA

STABILITY: Stable.

INCOMPATIBILITY (MATERIALS TO AVOID): Water.

HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO₂, HDI, NOX and possibly amines and cyanides.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Avoid heat and open flames - material is combustible.

SECTION 11 – TOXICOLOGICAL INFORMATION

See reference data for individual components.

SECTION 12 – ECOLOGICAL INFORMATION

See reference data for individual components.

SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose of in accordance with local, state and federal regulations. Do NOT heat or cut empty container with electric or gas torch

SECTION 14 – TRANSPORT INFORMATION

PROPER SHIPPING NAME:	Paint
HAZARD CLASS:	3
PACKING GROUP:	3
ID #:	UN 1263
RQ:	None

TRANSPORT LABELS REQUIRED: Flammable liquid (in the U.S., this material may be re-classified as a combustible liquid and is not regulated in containers less than 119 gallons via surface transportation).

SECTION 15 – REGULATORY INFORMATION

See reference data for individual components.

SECTION 16 – OTHER INFORMATION (HMIS RATING)

Health	1
Flammability	2
Physical Hazard	0
Personal Protection	G

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