



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

OZ CATALYST

SECTION 1 - IDENTIFIERS

MANUFACTURER: Andek Corporation
ADDRESS: 850 Glen Avenue, Moorestown, NJ 08057
TELEPHONE: 1-856-786-6900
In an emergency, contact CHEMTREC 1-800- 424-9300;
Outside the United States call +1-703-527-3887
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

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

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 Pinsky 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

ACUTE ORAL TOXICITY	Moderate
ACUTE INHALATION TOXICITY	Moderate
ACUTE DERMAL TOXICITY	Moderate
SENSITIZATION	Possible
MUTAGENICITY	Negative
CARCINOGENICITY	Not Classifiable

SECTION 12 ECOLOGICAL INFORMATION

BIODEGRADATION	Partial
TOXICITY TO FISH	Moderate
TOXICITY TO AQUATIC INVERTEBRATES	Not Determined
TOXICITY TO MICRO ORGANISMS	Moderate
ATMOSPHERIC OXIDATION OF VOLATILES	Degrades Slowly
BIOACCUMULATION	Not Determined
TOXICITY TO PLANTS	Not Determined

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:	III
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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