



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

ANDEK ACCELERATOR

SECTION 1 – IDENTIFIER

MANUFACTURER: Andek Corporation
ADDRESS: 850 Glen Avenue, P.O. Box 392, Moorestown, NJ 08057 USA
TELEPHONE: 1-856-786-6900
In an emergency, contact CHEMTREC toll-free at 1-800-424-9300
Outside the United States call 1-703-527-388
TRADE NAME: Andek Accelerator
CHEMICAL FAMILY: Latent Aliphatic Polyamine

SECTION 2 - HAZARD IDENTIFICATION & EMERGENCY OVERVIEW

EMERGENCY OVERVIEW: Toxic gases may be given off during burning or thermal decomposition. Closed container may forcibly rupture under extreme heat or when contents have been contaminated with water.
EFFECTS OF OVEREXPOSURE:
SKIN: Liquid may irritate skin
EYES: Contact may cause severe damage; vapor may irritate
BREATHING: Inhalation may cause headache, dizziness, nausea and irritation of respiratory tract
SWALLOWING: May be harmful or fatal if swallowed

SECTION 3 - COMPOSITION

COMPONENT	CAS #	APPROX %	TLV
A 100	64742-95-6	60	
Di Butyl Tin Di Laureate	77-58-7	25	
1,1,3,5,5-Pentamethyl-Diethylene Triamine	3030-47-5	15	

KNOWN CARCINOGENS OR MUTAGENS – TYPE & DEFINITION – None

SECTION 4 – FIRST AID MEASURES

EFFECTS OF OVEREXPOSURE:
SKIN: None known.
EYES: May cause redness, swelling and tearing of the eyes. Vapor may irritate.
BREATHING: May cause irritation to the upper respiratory tract.
SWALLOWING: Highly damaging to the digestive tissue lining. Harmful or fatal if swallowed.

SECTION 5 – FIRE & EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): 170°F Pensky Marten C.C.

FLAMMABLE LIMITS: Not established.

EXTINGUISHING MEDIA: Dry chemical; carbon dioxide; high expansion (proteinic) chemical foam; 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

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

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

PRECAUTIONS TO BE TAKEN IN HANDLING:

Containers should be tightly sealed to prevent contamination with foreign materials and moisture.

Material is combustible - avoid heat and open flames. Store between 32° and 122° 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 (H₂O=1)	1.1
VAPOR PRESSURE	9.75	PERCENT, VOLATILE BY VOLUME	100
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): A combination of isocyanates and water-isobutyraldehyde vapors are produced.

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 existing federal, state, and local environmental laws.

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	2
Flammability	2
Physical Hazard	1
Personal Protection	H

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