



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

ROOFDX SL PART A

SECTION 1 - IDENTIFIERS

MANUFACTURER: Andek Corporation
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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: Roofdx SL PART A
CHEMICAL FAMILY: Urethane Prepolymer Solution

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: May cause dermal sensitization. May be absorbed through skin.
EYES: Contact may cause severe damage. Vapor may irritate.
BREATHING: Inhalation may cause headache, dizziness, nausea and irritation. Inhalation of spray mist may be toxic.
SWALLOWING: Harmful or fatal if swallowed.

SECTION 3 - COMPOSITION

COMPONENT	CAS #	APPROX %	TLV
Isophorone Di-isocyanate Homopolymer	53880-05-0	65.0	N/A
Naphtha, Light Aromatic Solvent	64742-95-6	20.0	N/A
Methyl Amyl Ketone	110-43-0	14.0	50.0ppm TWA
Isophorone Di-isocyanate	4098-71-9	<1.0	0.005 ppm TWA

KNOWN CARCINOGENS OR MUTAGENS - TYPE & DEFINITION – None known

SECTION 4 – FIRST AID MEASURES

SKIN: Clean thoroughly with waterless hand cleaner, followed with soap and water.
EYES: Flush with clear water for 15 minutes and seek immediate medical attention.
BREATHING: Move victim to fresh air and give artificial respiration or oxygen if needed.
SWALLOWING: DO NOT induce vomiting. Seek immediate medical attention.

SECTION 5 – FIRE & EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): 105°F. Closed Cup (ASTM D50).
FLAMMABLE LIMITS: Lel 0.9; Uel 6.0.
EXTINGUISHING MEDIA: Carbon dioxide; dry chemical; foam.
SPECIAL FIRE FIGHTING PROCEDURES: If excessive fumes or smoke is encountered, wear self-contained breathing apparatus and full protective equipment.
UNUSUAL FIRE & EXPLOSION HAZARDS: Sealed containers may build up pressure if exposed to heat (fire). Water can be used to cool the exterior of the containers.
DECOMPOSITION PRODUCTS: Oxides of carbon and nitrogen, possible HCN and polyurethane combustion compounds.

SECTION 6 – SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
Cover with a layer of sand or other suitable absorbent. Use protective measures as outlined in Section 8 below. Avoid contact with skin, eyes and clothing.

SECTION 7 – HANDLING & STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING:

CAUTION: Flammable liquid. Keep away from all sources of ignition. Use with adequate ventilation. Avoid prolonged or repeated contact with skin. Avoid contact with moisture.

SECTION 8 – PERSONAL PROTECTION/EXPOSURE CONTROLS

RESPIRATORY PROTECTION (SPECIFY TYPE): In confined spaces use fresh air hood or NIOSH certified organic vapor canister unit. If used indoors, ventilate well using a general or local exhaust ventilation.

EYE PROTECTION: Wear chemical splash goggles or face shield. Do not wear contact lenses while working with this material.

SKIN PROTECTION: Nitrile rubber gloves to prevent skin contact.

OTHER PROTECTIVE EQUIPMENT: Coveralls and/or apron, rubber shoes or boots, eye wash station or fresh running water should be readily available.

PERSONAL HYGIENE: Wash hands thoroughly after handling and especially before eating or smoking. Shower at the end of work shift. Wash contaminated clothing before reuse.

SECTION 9 – PHYSICAL DATA

BOILING POINT (F)	312°	SPECIFIC GRAVITY (H ² O=1)	0.92
VAPOR PRESSURE	10	PERCENT, VOLATILE BY VOLUME	34%
VAPOR DENSITY (AIR=1)	4.8	EVAPORATION RATE (N.B.A.=1)	0.25
SOLUBILITY IN WATER	Insoluble	pH (5% SLURRY)	Neutral

APPEARANCE & ODOR - Clear liquid with sweet, perfume-like odor.

SECTION 10 – REACTIVITY DATA

STABILITY: Stable.

INCOMPATIBILITY (MATERIALS TO AVOID): Water (moisture); alcohols; amines; strong acids and bases.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon and nitrogen, possible HCN and polyurethane combustion compounds.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Excessive heat and/or wet conditions.

SECTION 11 TOXICOLOGICAL INFORMATION

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

SECTION 12 ECOLOGICAL INFORMATION

BIODEGRADATION	Slow
TOXICITY TO FISH	Slight
TOXICITY TO AQUATIC INVERTEBRATES	Slight
TOXICITY TO MICRO ORGANISMS	Slight
ATMOSPHERIC OXIDATION OF VOLATILES	Degrades Rapidly
BIOACCUMULATION	Minimal
TOXICITY TO PLANTS	Slight

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.

SECTION 15 – REGULATORY INFORMATION

See reference data for individual components



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SECTION 16 – OTHER INFORMATION (HMIS RATING)

Health	2
Flammability	2
Physical Hazard	1
Personal Protection	H

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