



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

**ROOFDX SL (PART A)**

**SECTION I – IDENTIFIER**

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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 1-703-527-3887  
TRADE NAME: RoofdX SL - Part A  
CHEMICAL FAMILY: Urethane Prepolymer Solution

**SECTION II - COMPOSITION**

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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 III – PHYSICAL DATA**

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COMPONENT	CAS #	APPROX %	TLV
Isophorone Diisocyanate Homopolymer	53880-05-0	65.0	N/A
Naptha, 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	0.005ppmTWA

KNOWN CARCINOGENS OR MUTAGENS – TYPE & DEFINITION-None known

**SECTION IV - FIRE & EXPLOSION HAZARD DATA**

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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 V - HEALTH HAZARD DATA**

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FLASH POINT (METHOD USED): 97°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 VI – SPILL OR LEAK PROCEDURES

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Cover with a layer of sand or other suitable absorbent. Use protective measures as outlined in Section VIII below. Avoid contact with skin, eyes and clothing.

## SECTION VII – HANDLING & STORAGE

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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 VIII – PERSONAL PROTECTION/EXPOSURE CONTROLS

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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 IX – PHYSICAL DATA

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BOILING POINT (F)	312°	SPECIFIC GRAVITY (H20=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 X – REACTIVITY DATA

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STABILITY: Stable.  
INCOMPATABILITY (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 XI - TOXICOLOGICAL INFORMATION

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See reference data for individual components.

## **SECTION XII - ECOLOGICAL INFORMATION**

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See reference data for individual components.

## **SECTION XIII – DISPOSAL CONSIDERATIONS**

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Dispose of in accordance with local, state and federal regulations.

## **SECTION XIV - TRANSPORT INFORMATION**

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PROPER SHIPPING NAME: Paint  
HAZARD CLASS: 3  
PACKING GROUP: III  
ID #: UN 1263  
RQ: None  
TRANSPORT LABELS REQUIRED: Flammable liquid.

## **SECTION XV - REGULATORY INFORMATION**

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See reference data for individual components.

## **SECTION XVI - OTHER INFORMATION (HMIS RATING)**

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Health	2
Flammability	2
Physical Hazard	1
Personal Protection	H

*This information accumulated herein is believed to be accurate but is not warranted to be, whether originating with the company or not. Recipients are advised to confirm, in advance of need, that the information is current, applicable and suitable to their circumstances.*

Date Issued: August 2009