

MATERIAL SAFETY DATA SHEET
POLYURETHANES

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MANUFACTURER'S NAME:

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SECTION I - PRODUCT IDENTIFICATION

PRODUCT NUMBER: RF1054XA
 PRODUCT NAME: IND ARTS RF1054XA
 PRODUCT CLASS: POLYURETHANES
 FOR CHEMICAL EMERGENCIES: CHEMPREC 1-800-424-9300

SECTION II - HAZARDOUS INGREDIENTS

INGREDIENT	PERCENT (BY WEIGHT)	OCCUPATIONAL EXPOSURE LIMITS		VAPOR PRESSURE 20C, mm Hg
		TLV	FEL	

HAZARDOUS INGREDIENTS ARE BELOW REPORTABLE LEVEL

SECTION III - PHYSICAL DATA

BOILING RANGE: N/A VAPOR DENSITY: Heavier than air.
 EVAPORATION RATE: Slower than ether. WT/GAL: HEAVIER THAN WATER

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

OSHA FLAMMABILITY CLASSIFICATION - COMBUSTIBLE LIQUID CLASS IIIB
 FLASH POINT - 360 F
 EXTINGUISHING MEDIA: Alcohol foam, dry chemical, water fog, CO2
 UNUSUAL FIRE AND EXPLOSION HAZARDS: None known.
 SPECIAL FIREFIGHTING PROCEDURES: NSHA/NIOSH approved self-contained
 breathing apparatus.

SECTION V - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE

Inhalation - High concentrations may cause lung damage, irritation to
 eyes, headaches, dizziness, and nausea.

Dermal - Catalyst may be a skin sensitizer upon prolonged or repeated
 contact.

Eyes - Irritating. Eye protection must be worn.

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: Chronic respiratory
 disease, asthmatic or bronchial conditions.

PRIMARY ROUTES OF ENTRY: dermal, inhalation

EMERGENCY AND FIRST AID PROCEDURES

Eyes - Catalyst in material is classified as eye irritant. Flush with
 large quantities of water for a minimum of fifteen minutes.
 Call a physician

Inhalation - Remove to fresh air.

Ingestion - Product contains glycols which may cause kidney injury.
 Drink 1 - 2 glasses of water to dilute. Consult physician
 or Poison Control Center. Treat symptomatically.

SECTION VI - REACTIVITY DATA

STABILITY: Stable **HAZARDOUS POLYMERIZATION:** May occur.
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide,
silicon oxides, nitrogen oxide gases.
CONDITIONS TO AVOID: Elevated temperatures.
INCOMPATIBILITY (MATERIALS TO AVOID): Strong bases or acids at elevated
temperatures; avoid contamination with strong oxidizing agents and
materials reactive with hydroxyl compounds; Isocyanates.

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Cover spill with
absorbent material, such as sand, sweeping compound or diatomaceous
earth; collect material for disposal. Wash spill area with hot water.
WASTE DISPOSAL: Dispose of in compliance with federal, state and local
regulations.

SECTION VIII - SAFE HANDLING AND USE INFORMATION

RESPIRATORY PROTECTION: Not required at ambient temperature but may be
recommended at elevated temperatures in areas of poor ventilation.
VENTILATION: Should be sufficient to remove fumes and vapors at processing
temperatures.
PROTECTIVE EQUIPMENT: Rubber gloves, goggles or face shield, chemical
apron and safety shoes. A shower and eye wash station should be easily
accessible to the work area.
HYGIENIC PRACTICES: Avoid contact with liquid or vapors. Wash hands before
eating, smoking or using the rest room.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Purge open containers with
nitrogen before resealing. Never use pressure to empty drums as they
are not pressure vessels. Avoid skin and eye contact and also avoid
breathing vapors. Drums must be emptied and then cleaned by a
professional drum reconditioner before reuse.
FOR INDUSTRIAL USE ONLY

SECTION X - REGULATORY INFORMATION

SECTION 313 SUPPLIER NOTIFICATION:

This product may contain chemicals subject to the reporting
requirements of Section 313 of the Emergency Planning and Community
Right-To-Know Act of 1990 and of 40 CFR Part 372. Refer to SECTION III
for specific chemicals and percentages.

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