MATERIAL SAFETY DATA SHEET



RARCYAN 60 HL

1 IDENTIFICATION OF THE PRODUCT AND THE COMPANY

1.1 IDENTIFICATION OF THE SUBSTANCE / PREPARATION:

IDENTITY (As used on label and list): RARCYAN 60 HL

1.2 IDENTIFICATION OF THE COMPANY:

RAR Resin & Chemical Industries JLT

11th Floor, Jumeirah Lake Towers, P.O. Box: 47381, Dubai UAE

2 HAZARDOUS IDENTIFICATION

Hazardous Components (Specific Chemical Identity: Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)	CAS NO.
Isocyanate prepolymer	N/Av	N/Av	N/Av	60 %	63368-95-6
Ethyl Acetate	N/Av	N/Av	N/Av	10%	141-78-6
Butyl Acetate	N/Av	N/Av	N/Av	30 %	123-86-4

3 PHYSICAL / CHEMICALS CHARACTERISTICS

Boiling Point: 77.1 deg CSpecific Gravity (H2o= 1) : 1.07Vapor Presuure (mm Hg): unknownMelting Point: N/ AvVapor Density (AIR= 1): 3.0Evaporate Rate: -

Solubility in Water : Insoluble

Appearance and Odor : Clear, pale yellow liquid with characteristic odor

4 STORAGE

The resin should be stored indoors in the original, unopened and undamaged containers in a dry place storage temperatures below 25 deg C.

DISCLAIMER

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5 FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): 4 deg Cel (Closed cup) Flammable Limits LEL UEL

> in air % by volume 9.0 2.5

Extinguishing Media : Dry chemical, form, water spray, CO2

Special Fire Fighting Procedures : Firefighter should be equipped with self-contained breathing

appratus. Cool fire-exposed containers with water.

: When exposed to direct heat source, combustible vapor will **Unusual Fire and Explosion Hazards**

generate, which can explode when mixed with air and ignited

6 REACTIVITY DATA

Stability: Unstable : Clear condictions to Avoid: High temperature

Stable

Incompatibility (Materials to Avoid) : Moisture (water), Strong base material

Hazardous Decomposition or By products : Incomplete combustion may generate carbon monoxide.

Hazardous: May Occur Polymerization: Will not Occur

7 HEALTH HAZARD DATA

Route(s) of Entry: Inhalation : Can depress central nervous system and results in stupor

> **Eyes** : Harmful is prolonged contact with eyes

Skin : Dry and defect skin, eventually causing dermatitis

Ingestion : May be harmful.

Health Hazards (Accute and Chronic): Acute: N/ Av Chronic: N/Av

Carcinogenicity: NTP?: No IARC Monographs? No **OSHA regulated?** No Signs and Syptoms of Exposure: Skin and eye irritation. prolonged breather of vapor may cause nausea

and vomiting.

Medical Conditions

Generally Aggravated by Exposure :Pre-existing skin and eye disorders may be aggravated

Emergency and First Aid Procedures: Remove to fresh air, and remove contaminated clothing, and flush

the area with water. Keep individual calm and call a physician.

8 PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Materials is Released or Spilled

: Eliminate all ignition sources. Contain Spills with absorbent materials.

Flush the area with plenty of water.

Waste Disposal Method : Incinerate in furnace or bury in land in landfill accordance with federal,

state and local regulations.

Precautions to be taken in Handling and Storage: keep container closed when not in use.

Other Precautions: Avoid skin contact and breathing of vapor.

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9 CONTROL MEASURES

Respiratory Protection (Specific type): NOISH approved respirator for organic solvent

VentilationLocal ExhaustRequiredSpecial: N/AMechanical (General)OptionalOther: N/A

Protective Gloves : Chemical resistant gloves

Eyes Protection : Chemical safety glasses / goggles **Other Protective Clothing or Equipment** : Eye wash fountains and safety showers.

Work / Hygienic Practices : Wash Hands after use. No smoking in handling area.

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