



Material Safety Data Sheets

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Section 1 – Product Information

Product Name: AlumiRes / RC-3
Common Chemical Name: Side A: polyol, Side B: isocyanates

Section 2 – Ingredients

Chemical Name	CAS #	Content
A Side		
Blend of Polyols	Proprietary Information	80%-95%
Polymer Resin Modifier	Proprietary Information	10%-15%
B Side		
Aromatic Isocyanates	Proprietary Information	70%-80%
Non-Reactive Diluent	Proprietary information	20%-30%

These products are not considered to be hazardous according to OSHA Hazard Communication Standard and contain no chemical subject to Sara title III Section 313 supplier notification requirements.

All products are not listed as Carcinogen in NTP, IARC, or OSHA 1910(Z).

Section 3 – Hazardous Identification

	A Side	B Side
Color:	Clear	Light Brown
Form/Appearance:	Liquid	Liquid
Odor:	Mild	Mild
Odor Intensity:	N/A	N/A

Nature of Hazard

CAUTION: Maybe be fatal if swallowed.

Contains components that may cause respiratory irritation, breathlessness, chest discomfort if inhaled.
May cause sensitization on long term exposure resulting in allergic respiratory reactions.

Eye Contact:	Direct contact may cause mild irritation.
Skin Contact:	Irritation expected from prolonged exposure.
Ingestion:	If swallowed may be fatal, call physician immediately.
Repeated Dose Toxicity:	May cause liver disorders (e.g. edema, proteinuria). May cause kidney hazard to the fetus. Prolonged exposure might cause chemical asthma.

Section 4 – First Aid

First Aid Procedures

- Eye Contact:** In case of eye contact, immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention if irritation develops or persists.
- Skin Contact:** In case of skin contact with contents of product, remove contaminated clothing and wash skin with soap and water. Get medical attention if irritation develops.
- Ingestion:** Drink large quantities of water if accidentally ingested. Get medical attention if any discomfort continues. Do not induce vomiting.
- Inhalation:** Remove the affected person into fresh air. Assist in breathing if necessary.

Section 5 – Fire Fighting Measures

- Extinguishing Media:** Water. Foam. Dry powder. Carbon dioxide (CO₂).
- Fire Fighting Instructions:** Use standard firefighting procedures and consider the hazards of other involved materials.
- Flash Point:** >290° (TCC)

Section 6 – Accidental Release Measures

- General:** Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Avoid inhalation of vapors and contact with skin and eyes. Wear suitable protective clothing. See Section 8 of the MSDS for Personal Protective Equipment.
- Waste Disposal:** Do not allow to enter drains, sewer or water course.

Section 7 – Handling and Storage

- General:** Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Avoid contact with eyes. Avoid ingestion and inhalation.
- Storage:** Store in a cool, dry place. Keep container closed when not in use.

Section 8 – Exposure Controls & Personal Protection

- Clothing:** The usual precautionary measures for handling chemicals should be followed.
- Eyes:** Wear chemical goggles.
- Respiration:** Wear self-inhalation filter-type dust respirator.
- Ventilation:** Follow local regulations for handling chemicals.

Section 9 – Physical & Chemical Properties

	A Side	B Side
Color:	Clear Yellow	Light brown
Form:	Liquid	Liquid
Odor:	Mild	Mild
Specific Gravity:	Not known	Not known
Boiling Point/Range:	Not known	Not known
Melting Point/Range:	Not known	Not known

Section 10 – Stability & Reactivity

- Chemical Stability:** Stable under normal temperature conditions.
- Conditions To Avoid:** Avoid excess heat and source of source of ignition.
- Incompatible Materials:** Avoid contact with moisture. Keep away from strong base and acid.
- Hazardous Decomposition Products:** At thermal decomposition temperature, carbon monoxide and carbon dioxide.



Section 11 – Toxicological Information

Toxicity Data

	A Side	B Side
Acute Toxicity:	No information about product's acute toxicity available. LD50 >25,000 mg/kg.	No information about product's acute toxicity available.
Inhalation:	No information available.	May cause chemical asthma.
Skin Contact:	May cause skin irritation.	May cause skin irritation.
Eye Contact:	May cause eye irritation.	May cause eye irritation.
Ingestion:	Not known. (May be fatal)	Not know. (May be fatal)
Chronic Toxicity:	No information about product's chronic toxicity available.	May cause chemical asthma.

Section 12 – Ecological Information

Bioaccumulation:	No information available.
Ecotoxicity Effects:	No information available.
Mobility:	No information available.

Section 13 – Disposal Information

Disposal Instructions:	Dispose of waste and residues in accordance with local authority requirements.
Contaminated Packaging:	Since emptied containers may retain product residue, follow label warnings even after container is emptied.

Section 14 – Transportation Information

Not a DOT controlled material. ORM-D. (US)

Section 15 – Regulatory Information

Under the criteria of the Federal OSHA Hazardous Communication Standard 29 CFR 1910.1200

Labeling, Symbol, R/S Phrase information: No data available

Hazardous Health Rating: Health: 2 Fire: 1 Reactivity: 1

Section 16 – Other Information

To the best of our knowledge, the information contained herein is accurate. However, Alumilite does not assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be handled with care. Although we have described herein all of the hazards to which we are currently aware, we cannot guarantee that these are the only hazards which exist. While the descriptions, designs, data, and information contained herein are presented in good faith and believed to be accurate, it is provided for your guidance only. Further, you expressly understand and agree that the descriptions, designs, data, and information furnished by Alumilite hereunder are given gratis and Alumilite assumes no obligation or liability for the description, designs, data, and information given or results obtained, all such being given and accepted at your risk.

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