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Effective Date: 2/20/04

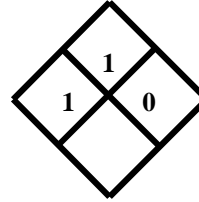
Material Safety Data Sheet

MSDS No: 34829

1. PRODUCT IDENTIFICATION

Trade Name: Ren 6497

Chemical Family: Polyol and Amine Blend



NFPA RATING

Health:	1*
Flammability:	1
Reactivity:	0
Personal Protection:	

HMIS RATING

Synonyms:

LST 86-726 Hardener

Intended Use or Product Type: Polyurethane casting system

2. COMPOSITION / INFORMATION ON INGREDIENTS

O S H A	CAS No.	CHEMICAL IDENTITY	EXPOSURE LIMITS				CARCINOGEN STATUS			
			ACGIH		OSHA		MFR.	IARC	NTP	OSHA
			TWA	STEL	PEL	STEL				
*	110-63-4 Common Name:	1,4- Butanediol 1,4-Butanediol	NE	NE	NE	NE	NE	NR	NR	NR
*	102093-68-5 Common Name:	1,3-Benzenediamine, 4-Methyl-2,6-bis(Methylthio) Di-(methylthio) toluenediamine	NE	NE	NE	NE	NE	NR	NR	NR
*	104983-85-9 Common Name:	1,3-Benzenediamine, 2-Methyl-4,6-bis(Methylthio)- Di-(methylthio) toluenediamine	NE	NE	NE	NE	NE	NR	NR	NR

* = OSHA Hazardous Ingredient

3. HAZARDS IDENTIFICATION

Emergency Overview: May be harmful if swallowed.

Primary Route(s) of Entry: Dermal; heated product may produce inhalable vapors.

Chronic: Overexposure may have effects on kidney and liver.

4. FIRST AID MEASURES

Effective Date: 2/20/04

Ingestion: If conscious, give 2 - 4 glasses of water to drink. Do not induce vomiting. Call a physician.

Skin: Immediately wash with soap and water. Remove contaminated clothing and launder before reuse. Destroy contaminated shoes.

Inhalation: Remove to fresh air. Call a physician.

Eyes: Immediately flush eyes with water for at least 15 minutes. Call a physician.

Overexposure Effects: May be harmful if swallowed.

Medical Conditions Aggravated by Exposure: Skin and eye conditions.

Additional Information: Referral to a physician is recommended if there is any question about the seriousness of any injury.

5. FIRE FIGHTING MEASURES

Flash Point:	> 200°F (> 93 °C)
Flash Point Method Used:	Estimated
Flammable Limits in Air (Lower - % by volume):	Not established
Flammable Limits in Air (Upper - % by volume):	Not established

Fire Fighting Extinguishing Media: Carbon dioxide, dry chemical, foam, water.

Fire Fighting Equipment: Use self-contained breathing apparatus.

Fire and Explosion Hazards: Decomposition and combustion products may be toxic.

6. ACCIDENTAL RELEASE MEASURES

Accidental Release Measures: Remove spillage by absorbing in absorbent material.

7. HANDLING AND STORAGE

Signal Word: Caution!

Precautions: May be harmful if swallowed. Avoid tasting or swallowing. Wash thoroughly after handling.

Other Handling Information: Nuisance dust may be generated when sanding or sawing cured material.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Skin Protection: Wear impermeable gloves.

Respiratory Protection: Use NIOSH approved organic vapor cartridge respirator when vapor/mist exposure is likely.

Eye Protection: Wear splash-proof chemical goggles.

Effective Date: 2/20/04

Engineering Controls: General mechanical and local exhaust in accordance with ACGIH recommendations.

9. PHYSICAL AND CHEMICAL PROPERTIES

Color:	Light Amber
Odor:	Typical
Physical State:	Liquid
Vapor Pressure:	Not Determined
Specific Gravity:	1.05 - 1.06 (water = 1)
Boiling Point:	Not Determined
Evaporation Rate:	Not Determined
Vapor Density:	Not Determined
pH:	Not Determined

Percent Volatile: Not Determined

10. STABILITY AND REACTIVITY

Conditions to Avoid: Excessive heat for prolonged periods of time.

Stability: Stable.

Incompatibility: Strong oxidizers, acids and bases.

Hazardous Decomposition Products: Combustion may form toxic materials, such as carbon dioxide, carbon monoxide.

Hazardous Polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

Acute Oral Effects (LD50): Component(s) are slightly toxic, 500 - 5000 mg/kg (rat).

Sub-Chronic: Butyl benzyl phthalate (BBP) produced liver necrosis and pancreatic lesions at a dose of approximately 675 mg/kg/day and 275 mg/kg/day, respectively, during a 90-day oral administration study with rats. The no observable effect levels (NOEL) were approximately 275 and 110 mg/kg/day, respectively.

12. ECOLOGICAL INFORMATION

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: Consult qualified local or corporate personnel for method that will comply with local, state and federal health and environmental regulations.

14. TRANSPORT INFORMATION

DOT: Non-Bulk

Proper Shipping Name:

Resin compounds, N.O.I.

Effective Date: 2/20/04

Department of Transportation: Not regulated as a hazardous material by the U.S. Dept. of Transportation (DOT) 49 CFR 172.101 hazardous materials table.

15. REGULATORY INFORMATION

US Federal Regulations:

Occupational Safety and Health Act (OSHA): This Material Safety Data Sheet (MSDS) has been prepared in compliance with the federal OSHA Hazard Communication Standard 29 CFR 1910.1200. This product is considered to be a hazardous chemical under that standard.

Resource Conservation and Recovery Act (RCRA): Not a hazardous waste under RCRA (40 CFR 261).

SARA Title III: Section 313 Toxic Chemical List (TCL): This product does not contain any chemicals for routine annual toxic chemical release reporting under Section 313 (40 CFR 372).

TSCA Section 8(b) - Inventory Status: All chemical components of this product are in compliance with TSCA inventory requirements.

TSCA Section 12(b) - Export Notification: This product does not contain any chemical(s) that are subject to a Section 12(b) export notification.

State Regulations:

Pennsylvania Right-to-Know: The following is required composition information:

Chemical Name: Oxirane, methyl-, polymer with oxirane, ether with 1,2,3-propanetriol

Common Name: Polyether triol

CAS Number: 9082-00-2

Comment: Not on Pennsylvania Hazardous Substance List

Chemical Name: 1,3-Benzenediamine, 4-Methyl-2,6-bis(Methylthio)

Common Name: Di-(methylthio) toluenediamine

CAS Number: 102093-68-5

Comment: Not on Pennsylvania Hazardous Substance List

Chemical Name: Oxirane, methyl-, polymer with oxirane

Common Name: Polyether Polyol

CAS Number: 9003-11-6

Comment: Not on Pennsylvania Hazardous Substance List

16. OTHER INFORMATION

MSDS No:	34829
Approved By:	Dianne Blessing
Title:	EH&S Specialist

Disclaimer: The information and recommendations contained herein are based upon tests in controlled laboratory conditions, are believed to be correct, and are provided for the sole purpose of hazard communication as part of Huntsman's product safety

Effective Date: 2/20/04

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