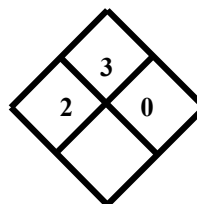


**DISTRIBUTED BY FREEMAN MFG & SUPPLY CO. 800-321-8511**

24-Hour Health/Environmental Emergency Phone: 1-888-354-3323

**Effective Date:** 1/16/03**Material Safety Data Sheet**

MSDS No: 30592

**1. PRODUCT IDENTIFICATION****Trade Name:** RenShape-Express Sealer No. 1**Chemical Family:** Resin in Solvent

NFPA RATING

Health	2*
Flammability	3
Reactivity	0
Protective Equipment	

HMIS RATING

**Synonyms:**

Cibatool-Express Sealer No. 1

**Intended Use or Product Type:** Polymeric resin in solvent blend.**2. COMPOSITION / INFORMATION ON INGREDIENTS**

O S H A	CAS No.	CHEMICAL IDENTITY	EXPOSURE LIMITS				MFR.	CARCINOGEN STATUS		
			ACGIH		OSHA			IARC	NTP	OSHA
			TWA	STEL	PEL	STEL				
*	100-41-4 Common Name:	Benzene, Ethyl- Ethyl benzene	100 ppm	125 ppm	100 ppm	125 ppm	NE	Yes	NR	NR
*	1330-20-7 Common Name:	Benzene, Dimethyl- Xylene	100 ppm	150 ppm	100 ppm	150 ppm	NE	NR	NR	NR
*	64742-95-6 Common Name:	Solvent naphtha (petroleum), light aromatic Light aromatic naphtha	NE	NE	NE	NE	TWA 50 ppm	NR	NR	NR
*	95-63-6 Common Name:	Benzene, 1,2,4-trimethyl- Pseudocumene	NE	NE	NE	NE	NE	NR	NR	NR
*	108-67-8 Common Name:	Benzene, 1,3,5-Trimethyl- Mesitylene	NE	NE	NE	NE	NE	NR	NR	NR

\* = OSHA Hazardous Ingredient

**3. HAZARDS IDENTIFICATION****Emergency Overview:** Flammable. Causes eye, skin, and respiratory irritations. May cause allergic skin reaction.

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

**Chronic:** Prolonged or repeated exposure may cause lung, liver, kidney, and central nervous system damage.

#### **4. FIRST AID MEASURES**

**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:** Causes eye, skin, and respiratory irritations. May cause allergic skin reaction.

**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**

<b>Flash Point:</b>	85°F (29 °C)
<b>Flash Point Method Used:</b>	PMCC
<b>Flammable Limits in Air (Lower - % by volume):</b>	Not established
<b>Flammable Limits in Air (Upper - % by volume):</b>	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:** Danger!

**Precautions:** Flammable liquid. Keep away from heat, sparks, and flame. Causes eye, skin, and respiratory irritations. May cause allergic skin reaction. Avoid contact with eyes, skin, and clothing. Avoid breathing vapor or mist. Avoid breathing vapor or mist.

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Avoid prolonged or repeated contact with skin. Keep container closed. Use with adequate ventilation. Wash thoroughly after handling. Notice! Overexposure may have effects on lung, kidney, liver, and nervous system.

**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.

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

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Color:</b>	Colorless
<b>Odor:</b>	Solvent
<b>Physical State:</b>	Liquid
<b>Solubility in Water:</b>	Insoluble
<b>Vapor Pressure:</b>	10 mm Hg at 23°C (73 °F)
<b>Specific Gravity:</b>	0.87 (water = 1)
<b>Boiling Point:</b>	284°F (140 °C)
<b>Evaporation Rate:</b>	< 1 (ether = 1)
<b>Vapor Density:</b>	> 1 (Air = 1)
<b>VOC:</b>	Not Determined
<b>pH:</b>	Not Determined

**Percent Volatile:** 90 - 99

## **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:** Hydrocarbon decomposition products and formaldehyde at elevated temperatures.

**Hazardous Polymerization:** Will not occur.

## **11. TOXICOLOGICAL INFORMATION**

**Acute Inhalation Exposure Effects:** Respiratory irritant.

**Sensitization:** Possible in susceptible individuals.

**Skin Irritation:** Irritant.

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**Eye Irritation:** Irritant.

## **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**

<b>Proper Shipping Name:</b>	Resin Solution
<b>Hazard Class:</b>	3
<b>ID Number:</b>	UN 1866
<b>Packing Group:</b>	PG III
<b>Label:</b>	Flammable liquid

## **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):** D 001 ignitable.

**SARA Title III: Section 313 Toxic Chemical List (TCL):** This product contains a toxic chemical(s) for routine annual toxic chemical release reporting under section 313 (40 CFR 372). This information must be included in all MSDS's copied or distributed for this material.

Chemical Name: Benzene, Dimethyl-  
Common Name: Xylene  
Percent in Composition: 40 % by wt  
Comment:

Chemical Name: Benzene, Ethyl-  
Common Name: Ethyl benzene  
Percent in Composition: 10 % by wt  
Comment:

Chemical Name: Benzene, 1,2,4-trimethyl-  
Common Name: Pseudocumene  
Percent in Composition: 10 % by wt  
Comment:

**TSCA Section 8(b) - Inventory Status:** Chemical components listed on TSCA Inventory.

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**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: Benzene, Dimethyl-  
Common Name: Xylene  
CAS Number: 1330-20-7  
Comment: Environmental Hazardous Substance

Chemical Name: Solvent naphtha (petroleum), light aromatic  
Common Name: Light aromatic naphtha  
CAS Number: 64742-95-6  
Comment: Not on Pennsylvania Hazardous Substance List

Chemical Name: Benzene, Ethyl-  
Common Name: Ethyl benzene  
CAS Number: 100-41-4  
Comment: Environmental Hazardous Substance

Chemical Name: Benzene, 1,2,4-trimethyl-  
Common Name: Pseudocumene  
CAS Number: 95-63-6  
Comment: Environmental Hazardous Substance

Chemical Name: Resin Solution  
CAS Number: Confidential  
Comment: Not on Pennsylvania Hazardous Substance List

Chemical Name: Benzene, 1,3,5-Trimethyl-  
Common Name: Mesitylene  
CAS Number: 108-67-8  
Comment: Not on Pennsylvania Hazardous Substance List

**16. OTHER INFORMATION**

**MSDS No:** 30592  
**Approved By:** Kenneth L. Payne  
**Title:** E,H&S Manager

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