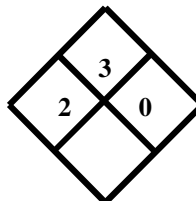


4917 Dawn Avenue  
East Lansing, MI 48823-5691

8am to 5pm Phone: (517) 351-5900  
24-Hour Emergency Phone: 1-888-354-3323

**Effective Date:** 1/20/04**Material Safety Data Sheet**

MSDS No: 33303

**1. PRODUCT IDENTIFICATION****Trade Name:** RenShape High Performance Sealer**Chemical Family:** Resin in Solvent

NFPA RATING

<b>Health:</b>	<b>2*</b>
<b>Flammability:</b>	<b>3</b>
<b>Reactivity:</b>	<b>0</b>
<b>Personal Protection:</b>	

HMIS RATING

**Intended Use or Product Type:** Sprayable Coating.**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				
*	108-88-3	Benzene, methyl- Toluene Common Name:	50 ppm	NE	NE	150 ppm	NE	NR	NR	NR
*	5131-66-8	2-PROPANOL, 1-BUTOXY- Propylene glycol monobutyl ether Common Name:	NE	NE	NE	NE	NE	NR	NR	NR
*	64742-89-8	Solvent Naphtha (Petroleum), Light Aliphatic Isoparaffinic hydrocarbon Common Name:	NE	NE	NE	NE	NE	NR	NR	NR
*	67-56-1	Methanol Methyl alcohol Common Name:	200 ppm	250 ppm	200 ppm	250 ppm	NE	NR	NR	NR

\* = OSHA Hazardous Ingredient

**3. HAZARDS IDENTIFICATION**

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

**Primary Route(s) of Entry:** Dermal; heated product may produce inhalable vapors.**Chronic:** Overexposure may have effects on kidney, liver, and nervous system.

Effective Date: 1/20/04

#### **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, eye and pulmonary 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>	38°F ( 3 °C)
<b>Flash Point Method Used:</b>	TCC
<b>Flammable Limits in Air (Lower - % by volume):</b>	Not Determined
<b>Flammable Limits in Air (Upper - % by volume):</b>	Not Determined

**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:** Warning!

**Precautions:** Flammable liquid. Keep away from heat, sparks, and flame. Keep container closed when not in use. Use with adequate ventilation. Causes eye, skin, and respiratory irritations. May cause allergic skin reaction. Avoid contact with eyes, skin, and clothing. Avoid breathing vapor or mist. Avoid prolonged or repeated contact with skin. Keep container closed. Use with adequate ventilation. Wash thoroughly after handling. Notice! Overexposure may have effects on 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>	Clear, Slightly Yellowish
<b>Odor:</b>	Solvent Odor
<b>Physical State:</b>	Liquid
<b>Solubility in Water:</b>	Slight
<b>Vapor Pressure:</b>	96 mm Hg (Methanol)
<b>Specific Gravity:</b>	0.84 (water = 1)
<b>Boiling Point:</b>	150°F (66 °C)
<b>Evaporation Rate:</b>	< 1 (ether = 1)
<b>Vapor Density:</b>	> 1 (Air = 1)
<b>VOC:</b>	739.2 g/L
<b>pH:</b>	Not Determined

**Percent Volatile:** 85 - 95

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

**Sensitization:** Possible in susceptible individuals.

**Skin Irritation:** Irritant.

**Eye Irritation:** Irritant.

## **12. ECOLOGICAL INFORMATION**

Effective Date: 1/20/04

**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>	Flammable liquid, toxic, n.o.s.
<b>Technical Shipping Name (If n.o.s.):</b>	Methanol, Toluene
<b>Hazard Class:</b>	3(6.1)
<b>ID Number:</b>	UN 1992
<b>Packing Group:</b>	PG II
<b>Label:</b>	Flammable Liquid & Toxic

**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 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: Methanol  
Common Name: Methyl Alcohol  
Percent in Composition: 44 % by wt  
Comment:

Chemical Name: Benzene, methyl-  
Common Name: Toluene  
Percent in Composition: 24 % by wt  
Comment:

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

**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: Methanol  
Common Name: Methyl Alcohol

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**Effective Date:** 1/20/04

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CAS Number: 67-56-1  
Comment: Environmental Hazardous Substance

Chemical Name: Benzene, methyl-  
Common Name: Toluene  
CAS Number: 108-88-3  
Comment: Environmental Hazardous Substance

Chemical Name: ISOPARAFFINIC HYDROCARBON  
CAS Number: 64742-89-8  
Comment: Not on Pennsylvania Hazardous Substance List

Chemical Name: Polymeric resin  
CAS Number: Held confidential by our supplier  
Comment: Not on Pennsylvania Hazardous Substance List

Chemical Name: 2-PROPANOL, 1-BUTOXY-  
Common Name: Propylene glycol monobutyl ether  
CAS Number: 5131-66-8  
Comment: Not on Pennsylvania Hazardous Substance List

## **16. OTHER INFORMATION**

**MSDS No:** 33303  
**Approved By:** Kenneth L. Payne  
**Title:** E,H&S Manager

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