

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:** 7/19/04

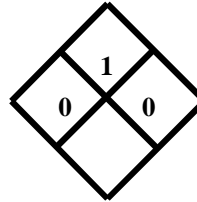
**Material Safety Data Sheet**

MSDS No: 34584

**1. PRODUCT IDENTIFICATION**

**Trade Name:** RenShape 5030

**Chemical Family:** Cured Polyurethane



**NFPA RATING**

<b>Health:</b>	<b>0</b>
<b>Flammability:</b>	<b>1</b>
<b>Reactivity:</b>	<b>0</b>
<b>Personal Protection:</b>	

**HMIS RATING**

**Intended Use or Product Type:** Low density styling and modeling stock

**2. COMPOSITION / INFORMATION ON INGREDIENTS**

**OSHA Hazardous Ingredients:** The components of this product are not considered to be hazardous as defined by the OSHA Hazard Communication Standard (CFR 1910.1200).

**3. HAZARDS IDENTIFICATION**

**Emergency Overview:** In accord with good industrial practice, handle with due care.

**Primary Route(s) of Entry:** Machining may produce inhalable dust.

**4. FIRST AID MEASURES**

**Eyes:** In case of contact with dust, flush eyes with plenty of water.

**Medical Conditions Aggravated by Exposure:** None known.

**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>	Not Applicable
<b>Flash Point Method Used:</b>	Not Applicable
<b>Flammable Limits in Air (Lower - % by volume):</b>	Not established
<b>Flammable Limits in Air (Upper - % by volume):</b>	Not established



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**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:** Sweep up into approved disposal container. Thoroughly vacuum area. Do not create dusty condition.

## **7. HANDLING AND STORAGE**

**Signal Word:** Caution!

**Precautions:** Dust hazard. Avoid dusty conditions. Avoid breathing dust. Use with adequate ventilation. Use normal industrial hygiene practices. Avoid contact with eyes, skin, and clothing. 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 canvas gloves as a standard handling procedure.

**Respiratory Protection:** Use NIOSH approved dust mask, if required during machining.

**Eye Protection:** Wear safety glasses to protect against dust particles during machining.

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

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

<b>Color:</b>	Brown
<b>Odor:</b>	None
<b>Physical State:</b>	Solid
<b>Solubility in Water:</b>	Insoluble
<b>Vapor Pressure:</b>	Not Determined
<b>Specific Gravity:</b>	0.3 (water = 1)
<b>Boiling Point:</b>	Not Determined
<b>Evaporation Rate:</b>	Not Determined
<b>Vapor Density:</b>	Not Determined
<b>pH:</b>	Not Determined

**Percent Volatile:** Negligible.

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**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. Carbon monoxide, carbon dioxide, benzene, oxides of nitrogen, hydrogen cyanide.**Hazardous Polymerization:** Will not occur.**11. TOXICOLOGICAL INFORMATION****Eye Irritation:** Dust due to machining may cause irritation.**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:** Solid plastic mass, n.o.i.**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 not 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).

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

### State Regulations:

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

Chemical Name: Polyurethane/polyisocyanurate  
CAS Number: Held confidential by our supplier  
Comment: Not on Pennsylvania Hazardous Substance List

### 16. OTHER INFORMATION

**MSDS No:** 34584  
**Approved By:** Dianne Blessing  
**Title:** EH&S Specialist

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