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**Effective Date:** 11/18/10

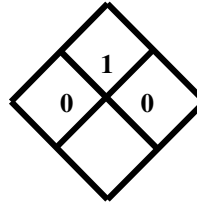
**Material Safety Data Sheet**

MSDS No: 30188

**1. PRODUCT IDENTIFICATION**

**Trade Name:** RenShape 5169

**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:** Cured polyurethane board 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:** Dust hazard. Avoid dusty conditions. Avoid breathing dust. Use with adequate ventilation. 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 established
<b>Flash Point Method Used:</b>	Not Applicable
<b>Flammable Limits in Air (Lower - % by volume):</b>	Not established



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**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:** 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:** Machining or grinding this product may produce a nuisance dust hazard. Sparks created by machining or grinding metal may ignite the dust from this product. Practice proper housekeeping to remove nuisance dust. Sweep up nuisance dust or thoroughly vacuum area.

## **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>	Red
<b>Physical State:</b>	Solid
<b>Solubility in Water:</b>	Insoluble
<b>Vapor Pressure:</b>	Not Determined
<b>Specific Gravity:</b>	1.17 (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
<b>Coefficient of water/oil:</b>	Not Determined

**Percent Volatile:** Negligible.

**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.

**IATA: Non-Bulk**

**Proper Shipping Name:** Not Regulated

**IMDG: Non-Bulk**

**Proper Shipping Name:** Not Regulated

**TDG: Non-Bulk**

**Proper Shipping Name:** Not Regulated

**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.



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**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.

### **International Regulations:**

**Canadian WHMIS:** Not WHMIS controlled.

### **State Regulations:**

**California Proposition 65:** This product does not contain any chemicals currently on the California list of Known Carcinogens and Reproductive Toxins.

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

Chemical Name: Cured Polyurethane  
CAS Number: Confidential  
Comment: Not on Pennsylvania Hazardous Substance List

Chemical Name: Silica  
Common Name: Fumed Silica  
CAS Number: 7631-86-9  
Comment: Hazardous Substance

## **16. OTHER INFORMATION**

**MSDS No:** 30188  
**Approved By:** Dianne Blessing  
**Title:** EH&S Specialist

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