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**Effective Date:** 11/20/08

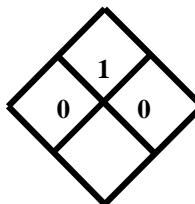
**Material Safety Data Sheet**

MSDS No: 32525

**1. PRODUCT IDENTIFICATION**

**Trade Name:** RenShape 473

**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

**Synonyms:**

LST 67-716 Board

**Intended Use or Product Type:** Polyurethane board

**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**

**Flash Point:** Not established



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**Flash Point Method Used:** Not Applicable  
**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:** 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

**Color:** Gray  
**Odor:** No Odor  
**Physical State:** Solid  
**Solubility in Water:** Insoluble  
**Vapor Pressure:** Not Determined  
**Specific Gravity:** 0.8 - 0.84 (water = 1)  
**Boiling Point:** Not Determined  
**Melting Point:** Not Determined  
**Evaporation Rate:** Not Determined  
**Density:** Not Determined  
**Vapor Density:** Not Determined  
**pH:** Not Determined  
**Coefficient of water/oil:** Not Determined

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**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. 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:** Not Regulated**IATA: Non-Bulk****Proper Shipping Name:** Not Regulated**IMDG: Non-Bulk****Proper Shipping Name:** Not Regulated**TDG: Non-Bulk****Proper Shipping Name:** Not Regulated**Motor Freight Classification** Solid plastic mass, N.O.I.**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 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: Aluminum Oxide (Al<sub>2</sub>O<sub>3</sub>)  
Common Name: Alumina  
Percent in Composition: 1.2857 % by wt  
Comment:

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

### International Regulations:

**Canadian WHMIS:** This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations. Not WHMIS controlled.

### State Regulations:

**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: Carbonic Acid Calcium Salt (1:1)  
Common Name: Calcium carbonate  
CAS Number: 471-34-1  
Comment: Not on Pennsylvania Hazardous Substance List

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

Chemical Name: Aluminum Oxide (Al<sub>2</sub>O<sub>3</sub>)  
Common Name: Alumina  
CAS Number: 1344-28-1  
Comment: Environmental Hazardous Substance

## 16. OTHER INFORMATION

**MSDS No:** 32525  
**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 program. This product has not been tested for, and therefore is not recommended or suitable for, uses for which prolonged contact

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