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Effective Date: 3/19/10

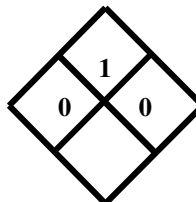
Material Safety Data Sheet

MSDS No: 5968

1. PRODUCT IDENTIFICATION

Trade Name: RenShape 460

Chemical Family: Cured Polyurethane



NFPA RATING

| | |
|-----------------------------|----------|
| Health: | 0 |
| Flammability: | 1 |
| Reactivity: | 0 |
| Personal Protection: | |

HMIS RATING

Intended Use or Product Type: 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: 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
Flash Point Method Used: Not Applicable
Flammable Limits in Air (Lower - % by volume): 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: Remove spillage by absorbing in absorbent material.

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: | Brown |
| Physical State: | Solid |
| Solubility in Water: | Insoluble |
| Vapor Pressure: | Not Determined |
| Specific Gravity: | 0.77 (water = 1) |
| Boiling Point: | Not Determined |
| Melting Point: | Not Determined |
| Evaporation Rate: | Not Determined |
| Density: | 0.77 g/cm ³ |
| Vapor Density: | Not Determined |
| pH: | Not Determined |
| Coefficient of water/oil: | 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:** 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.**Resource Conservation and Recovery Act (RCRA):** Not a hazardous waste under RCRA (40 CFR 261).

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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 (Al₂O₃)

Common Name: Alumina

Percent in Composition: 1.2682 % 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 (Al₂O₃)

Common Name: Alumina

CAS Number: 1344-28-1

Comment: Environmental Hazardous Substance

16. OTHER INFORMATION

MSDS No:

5968

Approved By:

Dianne Blessing

Title:

Product EHS Specialist

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