

**MATERIAL SAFETY DATA SHEET**

**QUICK IDENTIFIER (In Plant Common Name)**

**Manufacturer's Name** RAVEN INDUSTRIES INC.

**Dura-Skrim 2** R5CC  
**Emergency Telephone Numbers** 800-635-3456  
 605-335-0174

**Signature of Person Responsible for Preparation**  **Date Prepared** June 1, 2006

**Section 1 - IDENTITY**

**Common Name: (Used on Label)** Dura-Skrim 2 **CAS Number(s)** 26221-73-8  
**(Trade Name & Synonyms)** **Chemical Name** Copolymer of Ethylene and Octene-1 film 76% Polyester fiber 24% **Chemical Family** Polyolefin Polyester  
**Formula** (CH<sub>2</sub> - CH<sub>2</sub>)<sub>n</sub>

**Section 2 - HAZARDOUS INGREDIENTS**

**Principal Hazardous Component(s) - Chemical and Common Name** % **Threshold Limit Value (units)**  
 None Known

**Section 3 - PHYSICAL & CHEMICAL CHARACTERISTICS (Fire & Explosion Data)**

**Boiling Point** Not Applicable (N/A) **Specific Gravity** 0.988 **Vapor Pressure, mmHg** N/A  
**Percent Volatile by Volume (%)** 0 **Vapor Density** N/A **Evaporation Rate** N/A  
**Solubility in Water** Insoluble in Water **Reactivity in Water** N/A  
**Appearance and Odor** Translucent, odorless, reinforced plastic film  
**Flash Point** N/A **Flammability Limits in Air, by Volume (%)** **Lower** N/A **Upper** N/A **Auto Ignition Temperature** >660°F (estimated based upon raw material AIT)  
**Extinguisher Media** Use water spray, dry chemical, foam or carbon dioxide

**Special Fire Fighting Proced.** Fire fighters should wear a self-contained breathing apparatus when there is a possibility of exposure to smoke, fumes or hazardous decomposition products. If possible, water should be applied as a spray from a fogging nozzle since this material is a surface burning material.

**Unusual Fire and Explosion Hazards** None known

**Section 4 - PHYSICAL HAZARDS**

**Stability**

Unstable	
Stable	X

**Conditions to Avoid** Temperatures over 570°F may release combustible gases.  
**Incompatibility (Materials to Avoid)** None Known  
**Hazardous Decomposition Products** None  
**Hazardous Polymerization**

May Occur	
Will not Occur	X

**Conditions to Avoid** N/A

**Section 5 - HEALTH HAZARDS****Threshold** N/A**Limit Value****Signs and Symptoms of Exposure**

<b>1. Acute</b>	Thermal burns will result from contact	<b>2. Chronic</b>	Not Determined
<b>Overexposure</b>	with molten material	<b>Overexposure</b>	

**Medical Conditions Generally** There are no known medical conditions aggravated by exposure to this product.**Aggravated by Exposure**

<b>Chemical Listed as Carcinogen or Potential Carcinogen</b>	<b>National Toxicology Program</b>	Not Listed	<b>L.A.R.C. Monographs</b>	Not Listed	<b>OSHA</b>	Not Listed
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<b>OSHA Permissible Exposure Limit</b>	None	<b>ACGIH Threshold Limit Value</b>	None	<b>Other Expos. Limit Used</b>	None
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**Emergency and First Aid Procedures** Most problems will result from exposure to molten materials.**1. Inhalation** Immediately remove victim from area to fresh air. Seek medical attention.**2. Eyes** If contacted by molten material, immediately flush eyes with plenty of cool water for at least 15 minutes. Do not permit victim to rub eyes. Immediately seek medical attention.**3. Skin** If contact by molten material, cool immediately with cool water. Do not attempt to remove any solidified material. Immediately seek medical attention.**4. Ingestion** N/A**Section 6 - SPECIAL PROTECTION INFORMATION****Respiratory Protection****(Specify Type)** N/A

<b>Ventilation</b>	<b>Local Exhaust</b>	<b>Mechanical (General)</b>	<b>Special</b>	<b>Other</b>
N/A	N/A	Good general ventilation is sufficient	N/A	N/A

<b>Protective Gloves</b>	N/A	<b>Eye Protection</b>	N/A
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**Other Protective Clothing or Equipment** N/A**Section 7 - SPECIAL PRECAUTIONS AND SPILL / LEAK PROCEDURES****Precautions to be Taken****in Handling and Storage** This product should be stored in a manner that they are not exposed to heat and sources of ignition. A static charge may be present on finished products.**Other Precautions** None**Steps to be Taken in Case****Material is Released or Spilled** N/A**Waste Disposal****Methods** Dispose in accordance with local, state, and federal regulations**IMPORTANT - Do not leave blank spaces. If information is unavailable, unknown or does not apply, so indicate**