

**MATERIAL SAFETY DATA SHEET****QUICK IDENTIFIER (In Plant Common Name)**

Dura-Skrim 2 R5CC

**Manufacturer's Name** RAVEN INDUSTRIES INC.  
**Address** P.O. Box 5107  
 Sioux Falls, SD 57117

**Emergency Telephone Numbers** 800-635-3456  
 605-335-0174  
**Other Information** 1812 "E" Avenue  
 Sioux Falls, SD 57104

**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)**

25038-59-9

**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)**

<b>Boiling Point</b>	Not Applicable (N/A)		<b>Specific Gravity</b>	0.988	<b>Vapor Pressure, mmHg</b>	N/A
<b>Percent Volatile by Volume (%)</b>	0	<b>Vapor Density</b>	N/A	<b>Evaporation Rate</b>	N/A	
<b>Solubility in Water</b>	Insoluble in Water		<b>Reactivity in Water</b>	N/A		
<b>Appearance and Odor</b>	Translucent, odorless, reinforced plastic film					
<b>Flash Point</b>	N/A	<b>Flammability Limits in Air, by Volume (%)</b>	<b>Lower</b> N/A	<b>Upper</b> N/A	<b>Auto Ignition Temperature</b>	>660°F (estimated based upon raw material AIT)
<b>Extinguisher Media</b>	Use water spray, dry chemical, foam or carbon dioxide					
<b>Special Fire Fighting Proced.</b>	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.					
<b>Unusual Fire and Explosion Hazards</b>	None known					

**Section 4 - PHYSICAL HAZARDS**

<b>Stability</b>	Unstable	<b>Conditions to Avoid</b>	Temperatures over 570°F may release combustible gases.
	Stable	X	
<b>Incompatibility (Materials to Avoid)</b>	None Known		
<b>Hazardous Decomposition Products</b>	None		
<b>Polymerization</b>	May Occur	X	<b>Conditions to Avoid</b> N/A
	Will not Occur		

**Section 5 - HEALTH HAZARDS**

<b>Threshold</b>	N/A					
<b>Limit Value</b>						
<b>Signs and Symptoms of Exposure</b>						
<b>1. Acute Overexposure</b>	Thermal burns will result from contact with molten material		<b>2. Chronic Overexposure</b>	Not Determined		
<b>Medical Conditions Generally Aggravated by Exposure</b>	There are no known medical conditions aggravated by exposure to this product.					
<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
<b>OSHA Permissible Exposure Limit</b>	None	<b>ACGIH Threshold Limit Value</b>	None	<b>Other Expos. Limit Used</b>	None	
<b>Emergency and First Aid Procedures</b>	Most problems will result from exposure to molten materials.					
<b>1. Inhalation</b>	Immediately remove victim from area to fresh air. Seek medical attention.					
<b>2. Eyes</b>	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.					
<b>3. Skin</b>	If contact by molten material, cool immediately with cool water. Do not attempt to remove any solidified material. Immediately seek medical attention.					
<b>4. Ingestion</b>	N/A					

**Section 6 - SPECIAL PROTECTION INFORMATION**

<b>Respiratory Protection (Specify Type)</b>					
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	
<b>Other Protective Clothing or Equipment</b>	N/A				

**Section 7 - SPECIAL PRECAUTIONS AND SPILL / LEAK PROCEDURES**

<b>Precautions to be Taken in Handling and Storage</b>	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.				
<b>Other Precautions</b>	None				
<b>Steps to be Taken in Case Material is Released or Spilled</b>					
N/A					
<b>Waste Disposal Methods</b>					
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**