

REPCOR, INC.

4 Mil Cross-Laminated Pipe Wrap

MATERIAL SAFETY DATA SHEET

<i>Manufacturer's Name</i>	Raven Industries, Inc.
<i>Mailing Address:</i>	P. O. Box 5107 Sioux Falls, SD 57117
<i>Physical Address:</i>	1812 "E" Avenue Sioux Falls, SD 57104
<i>Emergency Telephone Numbers</i>	800-635-3456 605-335-0174
<i>Date Prepared</i>	March 2, 2006

Section 1 - IDENTITY		
<i>Common Name (Used on Label):</i> 4 Mil Cross-Laminated	<i>CAS Number(s):</i> n/a	
<i>(Trade Name & Synonyms):</i> 4 Mil Cross-Laminated	<i>Chemical Family:</i> Polyolefin	
<i>Formula:</i> (CH ₂ – CH ₂) _n		
Section 2 – HAZARDOUS INGREDIENTS		
<i>Principal Hazardous Component(s):</i> None <i>Chemical and Common Names – % Threshold Limit Value (units) -</i> None		
Section 3 – PHYSICAL & CHEMICAL CHARACTERISTICS (Fire & Explosion Data)		
<i>Boiling Point:</i> N/A	<i>Specific Gravity:</i> N/A	<i>Vapor Pressure, mmHg:</i> N/A
<i>Percent Volatile by Volume (%):</i> N/A	<i>Vapor Density:</i> N/A	<i>Evaporation Rate:</i> N/A
<i>Solubility In Water:</i> N/A		<i>Reactivity In Water:</i> N/A
<i>Appearance & Odor:</i> Translucent, white, odorless plastic film		
<i>Flash Point:</i> 353°F	<i>Flammability Limits In Air, By Volume (%)</i> Lower - N/A Upper - N/A	<i>Auto Ignition Temperature –</i> Not Available
<i>Extinguisher Media:</i>	Use water spray, dry chemical, foam or carbon dioxide	
<i>Special Fire Fighting</i>	Fire fighters should wear a self-contained breathing apparatus when	

<i>Procedure:</i>	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.		
<i>Unusual Fire and Explosion Hazards:</i>	None		
Section 4 – PHYSICAL HAZARDS			
<i>Stability:</i> Unstable	Stable X	<i>Conditions to Avoid:</i> None Known	
<i>Incompatibility (Materials to Avoid):</i> None			
Hazardous Decomposition Products: None Known			
<i>Hazardous Polymerization:</i>	Will Not Occur		<i>Conditions to Avoid:</i> N/A

Section 5 – HEALTH HAZARDS				
<i>Threshold Limit Value:</i> N/A				
Signs and Symptoms of Exposure				
<i>1. Acute Overexposure:</i>	Thermal Burns will result from contact with molten material		<i>2. Chronic Overexposure:</i> Not Determined	
<i>Medical Condition Aggravated by Exposure:</i>	There are no known medical conditions aggravated by exposure to this product.			
<i>Chemical Listed as Carcinogen or Potential Carcinogen</i>	<i>National Toxicology Program:</i> Not Listed	<i>L.A.R.C. Monographs:</i> Not Listed	<i>OSHA:</i> Not Listed	
<i>OSHA Permissible Exposure Limit:</i> None	<i>ACGIH Threshold Limit Value:</i> None	<i>Other Exposures Limit Value:</i> None		
<i>Emergency & First Aid Procedures</i>	Most problems will result from exposure to molten materials.			
<i>1. Inhalation</i>	Immediately remove victim from area to fresh air. Seek medical attention.			
<i>2. Eyes</i>	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.			
<i>3. Skin</i>	If contact by molten material, cool immediately with cool water. Do not attempt to remove any solidified material. Immediately seek medical attention.			
<i>4. Ingestion</i>	If material is ingested, contact a physician or Poison Control Center as appropriate whenever any foreign object is swallowed.			
Section 6 – SPECIAL PROTECTION INFORMATION				
<i>Respiratory Protection (Specify Type):</i>	N/A			
<i>Ventilation:</i>	<i>Local Exhaust:</i>	<i>Mechanical (General)</i> N/A	<i>Special</i>	<i>Other</i>
N/A	N/A		N/A	N/A
<i>Protective Gloves:</i> Wear protective gloves		<i>Eye Protection:</i> Wear eye protection during		

during thermal processing	thermal processing
<i>Other Protective Clothing or Equipment:</i>	Wear protective sleeves when processing material at elevated temperatures to minimize the possibility of thermal burns.
Section7 – SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES	
<i>Precautions to be Taken in Handling & Storage:</i>	As with all polyolefin substrates, static electricity generation can occur during handling operations. No special storage requirements.
<i>Other Precautions:</i>	None
<i>Steps to be Taken in Case Material is Released or Spilled:</i>	N/A
<i>Waste Disposal Methods:</i>	Dispose in accordance with local, state and federal regulations.