

**VAPOUR BARRIER "SCUTAN ALUMINUM"
MATERIAL SAFETY DATA SHEET**

| Section I - Hazardous Ingredients | | | | | |
|--|-------|------------|--|------------------|------------------|
| Chemical Ingredient | Conc. | CAS No. | Exposure Guidelines | LD ₅₀ | LC ₅₀ |
| Paper | 61% | #9004-34-6 | 10 mg/m ³ (ACGIH TLV) | Not available | Not available |
| Aluminum | 24% | 7429-90-5 | 10 mg/m ³ (ACGIH TLV) | Not available | Not available |
| Polyethylene | 14% | 9002-88-4 | 10 mg/m ³ Total Dust, 5 mg/m ³ respirable (DuPont's Acceptable Exposure Limit) | Not available | Not available |
| Silica, crystalline | <1% | 14808-60-7 | 0.25 mg/m ³ (ACGIH TLV) | Not available | Not available |

| Section II - Preparation Information | | |
|---|---------------------------------|--------------------------------------|
| Prepared by: Robert Strang ROH Champeda Inc. | Phone Number: (519) 941-9013 | Date of Preparation: May 14, 2008 |

| Section III - Product Information | | | |
|--|-------------------------------|-----------------|--------------------|
| Product Identifier: Vapour barrier of paper coated with aluminum polyethylene film. | | | PIN: Not available |
| Manufacturer: Atlantic Coated Papers Ltd. | | Supplier: | |
| Street Address: 139, rue Principale | | Street Address: | |
| City: Windsor | Prov: Quebec | City: | Prov: |
| Postal Code: J1S 2E1 | Emergency No.: (819) 845-7866 | Postal Code: | Emergency No.: |
| Product Use: This vapour barrier is registered with the National Research Council of Canada and carries the number CCMC 10706-L. It meets the standard CAN/CGSB-51,33-M89, and is classified as a vapour barrier Type 1. | | | |

| Section IV - Physical Data | |
|---|---|
| Physical State: Solid. | Odour & Appearance: No odour. Brown paper coated with aluminum polyethylene film on one side. |
| Odour Threshold: Not applicable | Specific Gravity: Not available |
| Solubility: Not soluble in water | Vapour Pressure: Not applicable |
| Boiling Point EC: Not applicable | Freezing Point (C): Not applicable |
| pH: Not applicable | Vapour Density (air=1): Not applicable |
| Evaporation Rate (BuAe=1): Not applicable | Percent Volatile (by volume): None |

| Section V - Fire Explosion Hazard | | |
|---|--|--|
| Conditions of Flammability: Paper layer will ignite and burn if exposed to flame. Above 315 EC polyethylene will decompose. | | |
| Means of Extinction: Water, foam, dry chemical, sand. | | |
| Flashpoint (C): Not applicable | Upper Flammability Limit: Not applicable | Lower Flammability Limit: Not applicable |
| Auto-ignition Temperature (EC): Paper - 233E Polyethylene - 330-410EC | Hazardous Combustion Products: aluminum oxide, CO, CO ₂ , ammonia, cyanuric acid, biurea, urazole, oxides of nitrogen, organic acids, aldehydes and alcohols. | |
| Explosion data - sensitivity to mechanical impact: Not sensitive. | Explosion data - sensitivity to static discharge: Not sensitive. | |

Section VI - Reactivity Data

Stability: Stable at ambient temperatures.

Incompatibility: Strong oxidizing chemicals.

Conditions of Reactivity: Avoid direct contact with flame. Will not polymerize.

Hazardous Decomposition Products: Aluminum oxide, CO, CO₂, ammonia, cyanuric acid, biurea, urazole, oxides of nitrogen, organic acids, aldehydes and alcohols combustion products if involved in a fire.

Section VII - Toxicological Properties

Routes of Entry: Minimal nuisance cellulose dust from paper component from normal use. If the polymer was ground to a dust of respirable size and inhaled (an unlikely scenario) inhalation of free azodicarbonamide dust may cause respiratory sensitization and asthma. Crystalline silica in the polyethylene film is not expected to be free to cause an exposure, but crystalline silica is classified as a carcinogen by IARC (Group 2A).

Effects of Acute Exposure: No known effects under normal use.

Effects of Chronic Exposure: No known effects under normal use.

Exposure Limits: Paper: Cellulose [9004-34-6] - ACGIH TLV-TWA = 10 mg/m³,
Aluminum [7429-90-5] 10 mg/m³ (ACGIH TLV).
Polyethylene [9002-88-4] - 10 mg/m³ Total Dust, 5 mg/m³ respirable (DuPont's Acceptable Exposure Limit)
Silica, crystalline [14808-60-7] - 0.25 mg/m³ (ACGIH TLV)
During routine use, paper dust is anticipated to be the primary inhaled contaminant.

Irritancy: During routine use, paper dust is anticipated to be the primary inhaled contaminant, which may cause irritation.

Sensitization: Under normal use, not a known sensitizer. See routes of entry regarding dust.

Carcinogenicity: Crystalline silica is classified as probably carcinogen to humans on limited data by IARC (Group 2A). A suspected human carcinogen (A2) by the ACGIH.

Mutagenicity: Not available

Teratogenicity: Not available

Reproductive toxicity: Not available

Toxicologically synergistic products: Not available.

Section VIII - Preventative Measures

Personal Protective Equipment

Gloves: Leather or cotton.

Respirator: Not normally necessary.

Eye: Safety glasses are recommended.

Footwear: Construction grade safety footwear.

Other Equipment: Not applicable

Engineering Controls: Not applicable

Leak & Spill Protection: Not applicable

Waste Disposal: Landfill.

Handling Procedures: Keep away from flames or high temperatures. Install as per article 9.25.4.3 from the National Building Code of Canada, 1995.

Storage Requirements: Store in a cool, dry location away from high temperatures to avoid combustion.

Special Shipping Information: Refer to product information. Not a hazardous material as per Canadian Transport of Dangerous Goods Act.

Section IX - First Aid Measures

Inhalation: If exposed to combustion products, remove victim from the exposure. Seek medical aid for significant exposure to combustion products.

Ingestion: Ingestion should not occur under normal use. Not likely to be hazardous by ingestion, but seek medical aid if ingested.

Eye Contact: Dust may irritate the eyes. Flush with water to remove dust.

Skin Contact: Routine first aid treatment for cuts and abrasions from handling and cutting paper rolls.

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