

**Material Safety Data Sheet**

Product Name/Code SAMAN EXTREME (semi-gloss, satin) / SAM-760, SAM-735	HMIS CODES health 1 flammability 0 reactivity 0
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**Section 1 Product and Company Identification**

Manufacturer's name Saman 3777472 Canada inc.	Emergency Telephone Number 819-751-2350
Address (Number, Street, City, State and ZIP Code) 1235, rue de L'Acadie Victoriaville (Québec) Canada G6T 1W4	Telephone Number for Information 819-751-2350
Date November 2005	Prepared by Yvan Désilets

**Section 2 Hazardous Ingredients/Identity Information**

HAZARDOUS COMPONENTS NAME / CAS NO.	WT %	OSHA PEL	ACGIH TLV	ORAL LD50 (RAT)	DERMAL LD50 (RABBIT)
N-methyl-2-pyrrolidone (NMP) / 872-50-4 mg/kg	3-7	n/a	n/a	4990 mg/kg	8000
triethylamine (TEA) / 121-44-8 kg	0.5-1.5	n/a	10 ppm	460 mg/kg	570 mg/kg
1,2-propanediol / 57-55-6	0.5-1.5	n/a	n/a	20 mg/kg	20.8g/kg

**Section 3 Physical/Chemical Characteristics**

Appearance and Odor	translucent liquid, mild odor		
Specific Gravity (H <sub>2</sub> O = 1)	1.04-1.06	Viscosity Zahn cup #2 (seconds)	26-30
pH	8.2-8.6	% Volatile by Weight	70 ± 1
Boiling Point (°F)	192-396	Melting Point (°F)	n/a
Vapor Pressure (mm Hg)	54 (TEA)	Vapor Density (AIR = 1)	3.5 (TEA)
Evaporation Rate (Butyl Acetate = 1)	0.06 (TEA)	VOC (g/l)	260
Solubility in Water	miscible		

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**Section 4 Fire and Explosion Hazard Data**

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Flash Point (Method Used) n/a	Flammable Limits	LEL n/a	UEL n/a
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Extinguishing Media foam, carbon dioxide, water spray, dry powder  
Use water spray to cool containers in fire area.

Special Fire Fighting Procedures Use self-contained breathing apparatus and full protective clothing.

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**Section 5 Reactivity Data**

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Stability stable under normal storage and use	Conditions to Avoid none known
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Incompatibility (*Materials to Avoid*) oxidizing agents, strongly alkaline and strongly acid materials

Hazardous Decomposition or Byproducts Thermal decomposition will produce carbon dioxide and may yield carbon monoxide,  
oxides of nitrogen, etc.

Hazardous Polymerization will not occur	Conditions to Avoid n/a
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**Section 6 Health Hazard Data**

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Route(s) of Entry eye and skin contact, inhalation, ingestion

Health Hazards This product may be an eye irritant. Prolonged or repeated contact may cause skin irritation. Prolonged exposure in poorly ventilated area may cause headache, dizziness and respiratory tract irritation.

Ingestion may cause gastrointestinal irritation, nausea and diarrhea.

Carcinogenicity no

Medical Conditions  
Generally Aggravated by Exposure none generally recognized

Emergency and First Aid Procedures

Eye:	Check for and remove any contact lenses. Immediately flush with plenty of water. Get medical aid.
Skin:	Remove contaminated clothing. Wash skin thoroughly with soap and water.
Inhalation:	Remove to fresh air. Administer artificial respiration if necessary. Get medical aid.
Ingestion:	Do not induce vomiting. Give 1-2 glasses of water to dilute stomach contents.

Get medical aid. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs. Never give anything by mouth to an unconscious person.

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