

MATERIAL SAFETY DATA SHEET

SECTION 1 - MATERIAL IDENTIFICATION AND USE

MATERIAL NAME: **LPR76 Polysaccharide Resin**

MANUFACTURED BY:



Lorama Inc.
221 Nipissing Road
Milton, Ontario Canada L9T 1R3
(905) 878-2833

24 HOUR EMERGENCY TELEPHONE NUMBER:

CANUTEC (613) 996-6666

USE IN CASE OF A DANGEROUS GOODS EMERGENCY

CHEMICAL FAMILY: Polysaccharide

MATERIAL USE: Coatings

FLAMMABILITY	1	REACTIVITY	0
HEALTH	1	PERSONAL PROTECTION	B

SECTION 2 - HAZARDOUS INGREDIENTS

Hazardous Ingredient(s)	Approximate % Concentration	CAS N.A. or U.N. Numbers	Exposure Limits	LD ₅₀	LC ₅₀
None					

SECTION 3 - PHYSICAL DATA

* Values are not product specifications.

Physical State Gas <input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Solid <input type="checkbox"/>	Appearance Translucent Liquid	Odor Not available	Odor Threshold Not available	Specific Gravity 1.14 - 1.24
Vapor Pressure (mm) Not available	Vapor Density (Air = 1) Heavier than Air	Evaporation Rate Less than ether	Boiling Point (°C) 100 - 103	Freezing Point (°C) Not available
Solubility in Water Soluble	% solids (by weight) 41 - 47%	pH 5.8 - 9.5	Coefficient of Water/Oil Distribution Not Applicable	TSCA #65996-63-6, Not regulated

SECTION 4 - FIRE AND EXPLOSION DATA

Flammability Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	If YES under which conditions / comments: This product is water based	
Means of Extinction Not Flammable	Use appropriate extinguisher for material that is burning	
Special Procedures None		
Flashpoint (°C) and Method Not applicable	Upper Explosion Limit (% by volume) Not applicable	Lower Explosion Limit (% by Volume) Not applicable
Auto Ignition Temperature Not applicable	TDG Flammability Classification Not applicable	Hazardous Combustion Products None known
Explosion Data Not applicable	Rate of Burning Not applicable	Sensitivity to Static Discharge Not available

SECTION 5 - REACTIVITY DATA

Chemical Stability Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	If NO under which conditions?
Incompatibility to other substances Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	If YES, which ones? Strong Oxidizers
Reactivity and under what conditions: May react when mixed or brought into contact with oxidizers.	
Hazardous Decomposition Products: Water vapor, carbon monoxide, carbon dioxide and ammonia.	

SECTION 6 - TOXICOLOGICAL PROPERTIES

Route of Entry <input checked="" type="checkbox"/> Skin Contact <input type="checkbox"/> Skin Absorption <input checked="" type="checkbox"/> Eye Contact <input type="checkbox"/> Inhalation Acute <input type="checkbox"/> Inhalation Chronic <input checked="" type="checkbox"/> Ingestion		
Effects of Acute Exposure to Product Splashes cause irritation of eyes and skin. Ingestion: Effects are unknown		
Effects of Chronic Exposure to Product None known		
Carcinogenicity <input type="checkbox"/> Reproductive Effects <input type="checkbox"/> Teratogenicity <input type="checkbox"/> Mutagenicity <input type="checkbox"/>		
Does not meet HMIS criteria for these effects.		
LD ₅₀ of product (Specify Species and Route) Not available	Irritancy of Product Irritant to skin and eyes	Exposure Limits of Products Not available
LC ₅₀ of Product (Specify species) Not available	Sensitization of Product None known	Synergistic Materials None known

SECTION 7 - PRECAUTIONS AND PREVENTATIVE MEASURES

Personal Protective Equipment

Gloves and goggles may be worn.

Gloves (Specify)	Respiratory (Specify)	Eye (Specify)	Footwear (Specify)
Impermeable to water	Not needed	Safety glasses (goggles)	Not needed
Clothing (Specify)	Other (Specify)		
None specified	None specified		

Engineering Controls (e.g. ventilation, enclosed process, specify)

General ventilation should be adequate in most cases.

Leak and Spill Procedures

Dispose according to regulations

Waste Disposal

Consult local environmental agencies

Handling Procedures and Equipment

No special procedures or equipment needed

Storage Requirements

Do not store in any container that corrodes in water solutions. Do not freeze as the container may crack causing spill

General Shipping Information

Class 55 - Non-Hazardous, No Restrictions

SECTION 8 - FIRST AID TREATMENT

Skin

Wash thoroughly using soap and warm water.

Eyes

Wash with gently flowing lukewarm water for at least fifteen minutes. Consult physician.

Inhalation

Move victim to fresh air.

Ingestion

Do not induce vomiting. Drink 1 - 2 cups of water. Consult physician. Never give anything by mouth to an unconscious person.

General Advice

Consult physician for all serious overexposures / signs of rash.

SECTION 9 - PREPARATION DATE

Additional Information / Comments

We assigned hazards to this product based on its ingredients. Since the customer is aware of the application and method of use, the customer must ensure that proper health and safety procedures are followed.

Preparation Date November 1, 2004

Revision Date April 11, 2007