



SafeCoat Latex 747 Clear Fire Retardant Coating

Component B

Magna Coatings is a proud member
of the Quantum Group of companies.

MATERIAL SAFETY DATASHEET

Chemical Product and Company Information

Product	SafeCoat Latex 747 Clear Fire Retardant Coating (B)		
PIN#	Not Available		
Uses	Fire Retardant Coating		
Manufacturer/	Magna Coatings Technology Inc		
Preparation Date	March 29, 2006		
Supplier	14601 - 134 Avenue Edmonton, AB, CANADA T5L 4S9		
Phone No.	(780) 451-2211 or (877) 454-9166		
Fax	(780) 451-8011		
24 Hour Emergency Number	(613) 996-6666	Canutec	

Classification

WHMIS	T.D.G
Class E	CLASS 8
	P.G. III
	UN 3066

Composition/Information on Ingredients

COMPONENTS	LD50/SERIES	LC50/SPECIES	CAS#	%WT/WT
Phosphoric Acid, 85%	N. Av.	N.Av.	7664-38-2	35

Physical Data

Freezing Point :	0 °C	Boiling point:	Not Available
% Volatile/Vol :	65%	Vapour Density:	Not Available
Physical Status	Liquid	Evaporation Rate:	Not Available
Specific Gravity:	1.2	Coef. of Water/Oil Distr.:	Not Available
Vapour Pressure:	Not Available	Appearance/Odor:	clear to cloudy, free flowing liquid
Odor Threshold (ppm):	Not Available	pH:	2 - 3

Fire or Explosion Hazard

Flash Point	Not Available
Conditions of Flammability	Dried solid residue is non-combustible
Extinguishing Agents	Carbon dioxide, dry chemical alcohol foam.
Hazardous Combustion Products	carbon dioxide, carbon monoxide, phosphoric acid.
Sensitivity to Mechanical Impact	Not Applicable
Sensitivity to Static Discharge	Not Applicable
Auto Ignition Temperature	Not Applicable
LEL/UEL (%)	Not Applicable

Fire fighters should wear positive pressure, full-face, self-contained breathing apparatus.

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Reactivity Information

Conditions of Instability:	Stable under normal conditions
Conditions of Reactivity:	No special reactivity
Incompatible Substances:	Strong oxidizers
Hazardous Decomposition Products:	Phosphoric acid

Toxicological Properties - Health Effects

INHALATION: Long term exposure may cause irritation of nose, throat and lungs.
INGESTION: May cause severe pain in the mouth, chest and abdomen. Causes vomiting and diarrhea.
EYES/SKIN: Corrosive, may cause severe damage and blindness.

EXPOSURE LIMITS	8 Hour O.E.L. (ppm)(mg/m ³)	15 MIN O.E.L. (ppm)(mg/ m ³)	CEILING O.E.L. (ppm)(mg/ m ³)
Phosphoric Acid	N.Av 1	N.Av 3	N.Av N.Av.

Preventive Measures

Storage:	Store in cool, dry location away from strong light
Handling Procedures:	Avoid breathing vapors, avoid prolonged skin contact
Special Shipping Information:	Must be properly labeled. Keep from freezing.
Engineering Controls:	Use local exhaust ventilation if sprayed inside. Otherwise, general ventilation is adequate.
Spill or Leak:	Recover spilled material for recycle, reuse, or for disposal to secure landfill.
Waste Disposal:	Material may need to be containerized prior to disposal. Contact local authorities for further information.
Respiratory Protection:	If sprayed, wear a respirator approved by NIOSH/MSHA for organic vapors with dust/mist pre-filter. If used in a confined area, a full-face positive pressure airline respirator is required.
Eye and Skin Protection:	Wear neoprene gloves and overalls.

First Aid

Inhalation:	Move individual to fresh air. If necessary, give artificial respiration or cardiopulmonary resuscitation (CPR). Get immediate medical attention.
Ingestion:	Do not induce vomiting. Keep warm and at rest. Give 2-3 glasses of milk or water to drink. Get immediate medical attention.
Eyes:	Immediately flush eyes with a gentle stream of tepid water for at least 15 minutes lifting upper and lower eyelids at intervals. Get immediate medical attention.
Skin:	Wash skin with soap and water. Launder clothing before re-use.

Preparation Information

updated: March 29, 2006



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