



# SafeCoat Latex 747 Clear Fire Retardant Coating

Component A

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

## MATERIAL SAFETY DATASHEET

### Chemical Product and Company Information

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

### Classification

<b>WHMIS</b>	<b>T.D.G</b>
Class D, Div. 2, Sub. Div. A	Not Regulated
Class D, Div. 1, Sub. Div. A	

### Composition/Information on Ingredients

COMPONENTS	LD50/SERIES	LC50/SPECIES	CAS#	%WT/WT
Free Formaldehyde	800 mg/kg, rat, oral	N.Av.	50-00-0	1-2
Methanol	N. Av.	N.Av.	67-56-1	1-2
Urea-formaldehyde resin	N. Av.	N.Av.	9011-05-6	70

### Physical Data

<b>Freezing Point:</b>	0 °C	<b>Boiling point:</b>	Not Available
<b>% Volatile/Vol:</b>	20%	<b>Vapour Density:</b>	Not Available
<b>Physical Status</b>	Liquid	<b>Evaporation Rate:</b>	Not Available
<b>Specific Gravity:</b>	1.1	<b>Coef. of Water/Oil Distr.:</b>	Not Available
<b>Vapour Pressure:</b>	Not Available	<b>Appearance/Odor:</b>	clear to cloudy, free flowing liquid
<b>Odor Threshold (ppm):</b>	Not Available	<b>pH:</b>	Not available

### Fire or Explosion Hazard

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

## Toxicological Properties - Health Effects

The ACGIH has designated formaldehyde an A2 substance, thereby including formaldehyde among industrial substances suspect of carcinogenic potential for humans. Worker exposure by all routes should be carefully controlled.

**INHALATION:** Long term exposure may cause irritation of nose, throat and lungs.  
**INGESTION:** Possible stomach irritation and nausea. No other harmful effects anticipated.  
**EYES/SKIN:** Repeated contact may cause allergic dermatitis.

EXPOSURE LIMITS	8 Hour O.E.L. (ppm)( mg/m <sup>3</sup> )	15 MIN O.E.L. (ppm)(mg/ m <sup>3</sup> )	CEILING O.E.L. (ppm)(mg/ m <sup>3</sup> )
Formaldehyde	0.3 N.Av.	0.3 N.Av.	0.3 N.Av.

## Preventive Measures

<b>Storage:</b>	Store in cool, dry location away from strong light
<b>Handling Procedures:</b>	Avoid breathing vapors, avoid prolonged skin contact
<b>Special Shipping Information:</b>	Must be properly labeled. Keep from freezing.
<b>Engineering Controls:</b>	Use local exhaust ventilation if sprayed inside. Otherwise, general ventilation is adequate.
<b>Spill or Leak:</b>	Recover spilled material for recycle, reuse, or for disposal to secure landfill.
<b>Waste Disposal:</b>	Material may need to be containerized prior to disposal. Contact local authorities for further information.
<b>Respiratory Protection:</b>	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.
<b>Eye and Skin Protection:</b>	Wear neoprene gloves and overalls.

## First Aid

<b>Inhalation:</b>	Move individual to fresh air. If necessary, give artificial respiration or cardiopulmonary resuscitation (CPR). Get immediate medical attention.
<b>Ingestion:</b>	Do not induce vomiting. Keep warm and at rest. Give 2-3 glasses of milk or water to drink. Get immediate medical attention.
<b>Eyes:</b>	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.
<b>Skin:</b>	Wash skin with soap and water. Launder clothing before re-use.

## Preparation Information

updated: March 29, 2006



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Contact us by telephone, fax or email:

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