

MSDS

Product Identifier: Rigid Vinyl Film and Sheet

ETY DATA SHEET

SECTION 1 PRODUCT IDENTIFICATION AND USE

Manufacturer's Name PMC Film Canada Inc.		Supplier's Name PMC Film Canada Inc.	
Street Address 10 Srimati Place		Street Address 10 Srimati Place	
City Tottenham	Province Ontario	City Tottenham	Province Ontario
Postal Code L0G 1W0	Emergency Tel: 1-800-867-3454 24 hrs	Postal Code L0G 1W0	Emergency Tel: 1-800-867-3454 24 hrs
Chemical Name Poly (Vinyl Chloride)		Chemical Family Chloroethene Polymer	Chemical Formula (CH ₂ CHCl) _n
Product Use Packaging			

SECTION 2 HAZARDOUS INGREDIENTS

Hazardous Ingredient	w/w %	CAS Number	PIN Number
None			

SECTION 3 PHYSICAL DATA

Physical State Solid	Odour & Appearance Film, Clear or Coloured. No odour	Odour Threshold No Odour
Vapour Pressure None	Vapour Density (air = 1) Not Applicable	Evaporation Rate Does not Evaporate
Boiling Point Not Applicable	Freezing Point Starts to soften above 75 degrees C Viscous liquid at 190 degrees C	Critical Temperature Not Applicable
pH Not Applicable	Specific Gravity 1.4	Solubility in Water None
		Coefficient of water/Oil Distr. Not Applicable

SECTION 4 FIRE AND EXPLOSION DATA

Flammability - If yes, under which conditions? Will not support combustion, needs intense external heat source to burn.		
Means of Extinction Water is most effective, ABC Dry Chemical and AFFF can be used.		
Special Procedures Wear self contained breathing apparatus		
Flashpoint and Method: About 390 C ASTM D-1929	Upper Explosion Limit (% by volume) Not Explosive	Lower Explosion Limit (% by volume) Not Explosive
Auto Ignition Temp. About 450 C ASTM D-1929	Hazardous Combustion Products Hydrogen Chloride, Carbon Monoxide, Carbon Dioxide	
Sensitivity to Impact Not Sensitive	Sensitivity to Static Discharge Not Sensitive	

SECTION 5 REACTIVITY DATA

Chemical Stability - If no, under which conditions? Will Decompose in time at elevated temperatures (eg. 60 minutes at 175 degrees C)	
Incompatibility with other substances - if yes, which ones? None	
Reactivity and under what conditions? None	
Hazardous Decomposition Products Hydrogen Chloride	

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SECTION 6 TOXICOLOGICAL PROPERTIES

Route of Entry

Not Applicable

Effects of Acute Exposure to Material

None

Effects of Chronic Exposure to Material

None

(Specify Species and Route)

LD50 LC50

Not Toxic

Irritancy

None Known

Exposure Limits

None

Sensitizing Capability

None Known

Carcinogen

Not a Carcinogen

Reproductive Effects

None Known

Synergistic Materials

None Known

SECTION 7 PREVENTATIVE MEASURES

Personal Protective Equipment

Not Required for normal use

Gloves (Specify)

See handling procedures

Respirator (Specify)

See handling procedures

Eye (Specify)

Footwear (Specify)

Clothing (Specify)

Other (Specify)

Engineering Controls (eg. Ventilation, Enclosed Processes, Specify):

Ventilation to remove fumes emitted at temperatures above 130 C. Film will accumulate static charges.

Adequate grounding is necessary to eliminate dangers associated with discharge of static electricity.

Leak and Spill Procedures:

Not Applicable

Waste Disposal:

In licensed landfill. Can be incinerated if Government and location regulations are followed. Notes that hydrogen chloride will be evolved on incineration.

Handling Procedures and Equipment:

Cool hot plastic with water. Self contained breathing apparatus and heat resistant gloves should be provided for people handling or removing hot decomposing material from process machinery.

Storage Requirements:

Sprinklered warehouse recommended. Other combustibles present may cause vinyl to burn but it will not burn by itself.

Special Shipping Information:

Not classified as hazardous by Transport Canada.

SECTION 8 FIRST AID MEASURES

Some people may be sensitive to fumes emitted at processing temperatures. If irritation persists, remove the person to a well ventilated area and call a physician.

Prepared by:

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R & D Manager

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Phone Number

1-800-867-3454 24 hrs

Revisions:

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