



Vi-Lux Plastics Inc.
Material Data Safety Sheet

I PRODUCT IDENTIFICATION

Product Trade Name:	Extruded Cellular PVC
Manufacturing Site:	Vi-Lux Plastics Inc.
Address:	105 Richmond Blvd, Napanee, Ontario, K7R 3Z8
Synonyms:	Poly Vinyl Resin with functional additives.
Cas Number(s):	N/A
Telephone Number:	613-354-4830

II COMPONENTS INFORMATION

PVC Polymer:	70-95%
Inert Fillers:	0-20%
Heat Stabilizer:	0-5%
Lubricants:	0-4%
Processing Aids:	0-2%
Impact Modifiers:	0-2%
Colorants:	0-2%
Chemical Blowing Agents:	0-2%

III PHYSICAL DATA

Boiling Point:	Solid
Specific Gravity (H ₂ O=1):	0.40 - 0.75
Vapor Pressure:	Solid
Melting Point:	Decomposes before melting
Solubility in Water:	Solid
Vapor Density:	Solid
Appearance and Odor:	Extruded profile

IV FIRE AND EXPLOSION DATA

Flash Point:	Not Applicable
Autoignition Temperature	Not Applicable
Flammable Limits in air	
Lower:	Not Applicable
Upper	Not Applicable
Extinguishing Media:	Water spray (fog), foam, dry chemical or CO ₂
Special Fire Fighting Procedures:	Cool exposed equipment with water spray. Use self-contained breathing apparatus if fighting fire in confined spaces.
Unusual Fire and Explosion Hazard:	PVC evolves hydrogen chloride, carbon monoxide and other toxic gases when burned. Exposure to combustion products may be fatal and should be avoided.

V HEALTH HAZARD INFORMATION

** Pertains to dust or chips as a by-product of fabrication. **

First Aid

Eyes:	Immediately flush with plenty of water. Call physician if irritation persists.
Skin:	Flush skin with plenty of water. Remove contaminated clothing. Call a physician if irritation persists. Wash clothing before reuse.
Inhalation:	Remove to fresh air.
Ingestion:	Seek medical aid.

Nature of Hazard

Eyes:	If exposed to high concentration of dust, physical irritation to the eyes.
Skin:	This material is not expected to present a hazard to the intact skin. Molten material will produce thermal burns.
Inhalation:	Under normal conditions and with normal use, no inhalation hazard is presented. Please refer to section IV, Fire and Explosion Data.
Ingestion:	No significant health hazard can be reasonably anticipated.

Exposure Limits

Non established.	Not applicable
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Toxicity Data

Skin Contact:	A review of the pertinent literature did not reveal specific information for PVC.
Eye Contact:	A review of the pertinent literature did not reveal specific information for PVC.
Inhalation:	Rodents exposed by the dietary or inhalation route for 6 to 24 months have shown no significant toxicological effects.
Ingestion:	See above.

Special Precautions

Avoid inhalation of combustion products.

VI REACTIVITY DATA

Conditions Contributing

to Instability:	Not Applicable
to Incompatibility:	Not Applicable
to Hazardous Decomposition Products:	Hydrogen chloride and other toxic fumes generated with combustion.
to Hazardous Polymerization:	Not Applicable

VII SPILL OR LEAK PROCEDURES

When producing chips or dust from fabrication, sweep, scoop or vacuum and remove .
Dispose of only in accordance with local, state, provincial, federal regulations.

VIII SPECIAL PROTECTION INFORMATION:

**** Pertains to dust or chips as a by-product of fabrication. ****

Ventillation Recommendations: General ventillation when fabricating and nuisance dust control.

Specific Personal Protection Equipment:

Respirator Protection:	If dust is produced during handling, an approved particular filter respirator should be used.
Eyes:	Safety glasses or goggles.
Gloves:	Necessary when handling hot or molten profile.
Other Clothing & Equipment:	As necessary when handling hot or molten profile.

IX SHIPPING, TRANSFER and STORAGE

Shipping Information: Non-hazardous for transportation purposes.

Transportation and Storage

Usual Shipping Containers	Crates, boxes or bundles.
Storage Transport Temperature	Temperature above 150 degrees F may cause slow degradation.
Electrostatic Accumulation Hazard	Yes

DISCLAIMER OF LIABILITY

Vi-Lux Plastics believes that such information is accurate and reliable as to the date of this Material Safety Data Sheet, but no representation, guarantee or warranty, expressed or implied, is made as to the accuracy, reliability or completeness of the information. In addition, no responsibility can be assumed by Vi-Lux for any damages or injury from abnormal use, from any failure to adhere to recommended practices, or from any hazards inherent in the nature of the product.

Dated: January 1, 2003

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