Material Safety Data

Vintec I and II

I. Product Identification

Manufacturing Site:	Vycom Corp
Address:	801 Corey Street, Moosic, PA 18507
Trade Name:	Polyvinyl Chloride (PVC, Vintec I, Vintec II, Celtec) sheet
Synonyms:	Vinyl Polymers
CAS Number(s):	9002-86-2
Telephone Number:	570.346.8254
Fax Number:	570.346.4122
Website:	www.cpg-vycom.com

II. Components and Hazard Classification

PVC Polymer:	70-95%	
Inert Fillers:	0-30%	$CaCO_3$, TiO_2
Heat Stabilizer:	0-2%	Organotin Compounds
Lubricants:	0-4%	Calcium Stearate; Paraffin, Polyethylene, Polyamide Compounds or Esters
Process Aids:	0-2%	Acrylic Compounds
Impact Modifiers:	0-10%	CPE, ABS, MBS or Acrylic Compounds
Colorants:	0-2%	Organic and Inorganic Colorants
Chemical Blowing Agents:	0-1%	Azo Compounds or Sodium Bicarbonate

This product is an article as defined in 29 CFR 1910.1200. It will not result in exposure to hazardous chemicals under normal conditions of use. This product is not subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

III. Physical Data

Boiling Point (°F):	Solid
Specific Gravity (H_2O=1):	0.45 – 1.4
Vapor Pressure (mm Hg.):	Solid
Melting Point:	Decomposes before melting
Solubility in Water:	Solid
Vapor Density:	Solid
Appearance and Odor:	Finished sheet

IV. Fire and Explosion Data

Flash Point (Test Method):	Not applicable
Autoignition Temperature:	Not applicable
Flammable Limits in Air (% by Volume):	
Lower:	Not applicable
Upper:	Not applicable
Extinguishing Media:	Water spraying (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 fabricating finished sheet.

First Aid	
Eyes:	Immediately flush with plenty of water. Call a 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 concentrations of dust, physical irritation of the eyes.
Skin:	This material is not expected to present a hazard to the intact skin. Molten sheet will produce thermal burns.
Inhalation:	Under normal conditions and with normal use, no inhalation hazard is presented. Please refer to Section VI, Fire and Explosion Data.
Ingestion:	No significant health hazard can be reasonably anticipated.
Exposure Limits	
	None established. ACGIH TLV of 10 mg/m3 total dust as an 8-hour TWA is recommended.
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
Incompatibility:	Not applicable
Hazardous Decomposition Products:	Hydrogen chloride and other toxic fumes generated with combustion.
Conditions Contributing to Hazardous Polymerization:	Not applicable

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VII. Spill or Leak Procedures

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

VIII. Special Protection Information

Pertains to dust or chips as a by-product of fabricating finished sheet.

Ventilation Recommendations	
	General ventilation when fabricating and nuisance dust control.
Specific Personal Protective Equipment	
Respiratory Protection:	If dust is produced during handling, an approved particulate filter respirator should be used.
Eyes:	Safety glasses or goggles.
Gloves:	Necessary when handling hot or molten sheet.
Other Clothing and Equipment:	As necessary when handling hot or molten sheet.

IX. Shipping, Transfer and Storage

Shipping Information	
	Non-hazardous for transportation purposes
Transportation and Storage	
Usual Shipping Containers:	Palletized sheets
Storage Transport Temperature:	Temperatures above 150^{o}F may cause slow degradation.
Electrostatic Accumulation Hazard:	Yes

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