

MATERIAL SAFETY DATA SHEET

Product Designation: Polyvinyl Chloride (PVC)

Section 1- PRODUCT IDENTIFICATION

MANUFACTURING SITE:	Vycom
ADDRESS:	801 Corey Street, Scranton PA 18505
TRADE NAME:	Polyvinyl Chloride (PVC, Vintec I, Vintec II, Celtec.)
SYNONYMS:	Vinyl Polymers
CAS NUMBER(S):	9002-86-2
TELEPHONE NO.:	1.800.235.8320
FAX NO.:	1.800.858.9266
WEBSITE:	www.vycomplastics.com

Section 2- 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; Parafin, 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
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.

Section 3 - PHYSICAL DATA

BOILING POINT (°F):	Solid
SPECIFIC GRAVITY (H₂O=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.

Section 4 - FIRE AND EXPLOSION DATA

FLASH POINT (TEST METHOD):	Not applicable
AUTOIGNITION TEMPERATURE:	Not applicable
FLAMMABLE LIMITS IN AIR. % BY VOL.	
LOWER:	Not applicable
UPPER:	Not applicable
EXTINGUISHING MEDIA:	Water spray(fog), foam, dry chemical, or CO2
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.

Section 5 - 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 IV, 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.

Section 6 - 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

Section 7 - 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.

Section 8 - 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.

Section 9 - SHIPPING, TRANSFER AND STORAGE

SHIPPING INFORMATION: Non-hazardous for transportation purposes.

TRANSPORTATION AND STORAGE

USUAL SHIPPING CONTAINERS: Palletized sheets

STORAGE TRANSPORT: Sustained Temperatures above 150°F may cause slow degradation.

ELECTROSTATIC ACCUMULATION HAZARD: Yes

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