

MATERIAL SAFETY DATA SHEET

Vista Chemical Company
P.O. Box 19029
Houston, Texas 77224

1. PRODUCT IDENTIFICATION

MANUFACTURING SITE	Vista Polymers Aberdeen Plant		
ADDRESS	P.O. Box 91, Highway 25, Aberdeen, MS 39730		
TRADE NAME	Polyvinyl Chloride, PVC Dryblend for manufacture of CELTEC™		
SYNONYMS	Vinyl Polymers		
CAS NUMBER(S)	9002-86-2		
TELEPHONE NO.	(713) 588-3491	EMERGENCY TELEPHONE NO. (318) 494-5142	

2. COMPONENTS AND HAZARD CLASSIFICATION

PVC Polymer	70-95%	
Inert Fillers	0-30%	CaCO ₃ , TiO ₂
Heat Stabilizers	0-2%	Organotin Compounds
Lubricants	0-4%	Calcium Stearate; Paraffin, Polyethelene, 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

- PVC Dryblend contains less than or equal to 1.0 ppm residual vinyl chloride monomer.
- Contains no chemicals subject to SARA 302 or 313 reporting.

3. PHYSICAL DATA

BOILING POINT (°F)	Solid	SPECIFIC GRAVITY (H ₂ O=1)	1.4
VAPOR PRESSURE (mm Hg.)	Solid	MELTING POINT	Decomposes before melting
SOLUBILITY IN WATER	None	VAPOR DENSITY	Solid
APPEARANCE AND ODOR	Fine, White Powder		

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 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.		

5. HEALTH HAZARD INFORMATION

FIRST AID

- EYES:** Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately. Call a physician.
- SKIN:** Flush with water to remove material from skin.
- INHALATION:** Remove to fresh air.
- INGESTION:** If swallowed, call a physician immediately. ONLY induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.

NATURE OF HAZARD

Handling of PVC Compound may result in the generation of dust. The dust is classed as a nuisance dust. Exposure to the dust may cause physical irritation of contacted areas.

Under burning condition, HCL gas will be produced. HCL gas is irritating to the upper respiratory tract. Exposure to high concentrations of HCL gas may be fatal.

PVC Compound may contain trace amounts of vinyl chloride monomer. VCM is regulated as a carcinogen by OSHA, and is listed by NTP and IARC as a carcinogen. Under normal processing conditions, significant exposure to VCM should not occur.

Other processing vapors may produce irritation or acute health effects in some individuals.

EXPOSURE LIMITS

- NUISANCE DUST:** OSHA PEL of 15 mg/m³ TWA* for 8 hours.
ACGIH TLV of 10 mg/m³ TWA for 8 hours.
- VINYL CHLORIDE** OSHA PEL of 1.0 ppm TWA for 8 hours; 5 ppm for 15-minute TWA.
ACGIH TLV of 5.0 ppm for 8 hours.

*TWA = Time Weighted Average

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 toxicology effects.
- INGESTION:** See above.

SPECIAL PRECAUTIONS AVOID INHALATION OF COMBUSTION PRODUCTS.