

Cresline

VISTA

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

MATERIAL SAFETY DATA SHEET

1. PRODUCT IDENTIFICATION

MANUFACTURER'S NAME	VISTA Polymers Inc.		
ADDRESS	P O Box 91 Aberdeen, MS 39736		
TRADE NAME	Polyvinyl Chloride, PVC Resin		
SYNONYMS	Vinyl Polymers		
CAS NUMBER	9002-86-2		
REGULAR TELEPHONE NO.	(601) 369-8111	EMERGENCY TELEPHONE NO.	(318) 494-5142

2. HAZARDOUS INGREDIENTS

MATERIAL OR COMPONENT	%	HAZARD DATA
Less than 8.5 ppm residual vinyl chloride monomer.		

3. PHYSICAL DATA

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

4. FIRE AND EXPLOSION DATA

FLASH POINT (TEST METHOD)	Not applicable.		
FLAMMABLE LIMITS IN AIR, % BY VOL.	LOWER	UPPER	
EXTINGUISHING MEDIA	Water spray, CO ₂ , dry chemical.		
SPECIAL FIRE FIGHTING PROCEDURES	When fighting fires in confined spaces, self-contained breathing apparatus should be worn.		

5. HEALTH HAZARD INFORMATION

FIRST AID

EYES: Flush with large amounts of water for 15 minutes.

SKIN: Flush with water to remove material from skin.

INHALATION: Remove to fresh air.

INGESTION: Seek medical aid.

NATURE OF HAZARD

EYES: If exposed to high concentration of dust, a physical irritation of the eyes.

SKIN: This material is not expected to present a hazard to the intact skin. Molten resins will produce thermal burns.

INHALATION: Under normal conditions and with normal use, no inhalation hazard is presented. Please refer to Section 4, Fire and Explosion Data.

INGESTION: No significant health hazard can be reasonably anticipated.

EFFECTS OF OVEREXPOSURE:

ACUTE OVEREXPOSURE: Physical irritation of the eyes.

CHRONIC OVEREXPOSURE: Long-term exposure to high-dust concentrations may cause obstructive lung disease.

THRESHOLD LIMIT VALUE (TLV)

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.

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.

7. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED
Material should be picked up mechanically.

NEUTRALIZING CHEMICALS

WASTE DISPOSAL METHOD
This material can be sent to a sanitary landfill for disposal.

B. SPECIAL PROTECTION INFORMATION

VENTILATION REQUIREMENTS
General ventilation for thermal processing and nuisance dust control.

SPECIFIC PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY (SPECIFY IN DETAIL):
If dust is produced during handling, an approved air-purifying respirator should be used.
EYE: Chemical goggles.

GLOVES: Necessary when handling hot or molten resins.

OTHER CLOTHING AND EQUIPMENT:

G-40

9. SPECIAL PRECAUTIONS

HAZARD CLASSIFICATION INFORMATION

IMO HAZARD CLASS AND NUMBER
Nonhazardous

US DOT HAZARD CLASS
Nonhazardous

UN NUMBER

US DOT IDENTIFICATION NUMBER

TRANSPORTATION AND STORAGE

USUAL SHIPPING CONTAINERS
Polylined steel tank cars or trucks.

ELECTROSTATIC ACCUMULATION HAZARD
Yes—Ground Transfer Lines

STORAGE/TRANSPORT PRESSURE

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

LOADING/UNLOADING TEMPERATURE

VISCOSITY AT LOADING/UNLOADING TEMPERATURE

HANDLING AND STORAGE MATERIALS AND COATINGS

SUITABLE

UNSUITABLE

416

THE ABOVE DATA IS BASED ON TESTS AND EXPERIENCE WHICH VISTA BELIEVES RELIABLE AND ARE SUPPLIED FOR INFORMATIONAL PURPOSES ONLY. VISTA DISCLAIMS ANY LIABILITY FOR DAMAGE OR INJURY WHICH RESULTS FROM THE USE OF THE ABOVE DATA. NOTHING CONTAINED THEREIN SHALL CONSTITUTE A GUARANTEE, WARRANTY (INCLUDING WARRANTY OF MERCHANTABILITY) OR REPRESENTATION (INCLUDING FREEDOM FROM PATENT LIABILITY) BY VISTA WITH RESPECT TO THE DATA, THE PRODUCT DESCRIBED, OR THEIR USE FOR ANY SPECIFIC PURPOSE, EVEN IF THAT PURPOSE IS KNOWN TO VISTA.