

VISTA

MATERIAL SAFETY DATA SHEETVista Chemical Company
P.O. Box 19029
Houston, Texas 77224**1. PRODUCT IDENTIFICATION**

MANUFACTURING SITE	Vista Performance Polymers		
ADDRESS	P.O. Box 91, Hwy. 25, Aberdeen, MS 39730		
TRADE NAME	Polyvinyl Chloride, PVC Compound		
SYNONYMS	Vinyl Polymers		
CAS NUMBER(S)	Mixture - available upon request.		
TELEPHONE NO.	713/588-3491	EMERGENCY TELEPHONE NO.	318/494-5142

2. COMPONENTS AND HAZARD CLASSIFICATION

Compounded PVC is an inert material in its normal usage. All the components listed below are encapsulated in the PVC matrix. See Section 5 for hazard information. Typical compositions are listed below.

Polyvinyl chloride polymer	45-80%	CACO ₃ , talc, carbon black, TiO ₂ , clay
Inert Fillers	0-40%	Organometallic compounds of tin, lead, barium-cadmium, or calcium zinc
Heat Stabilizer	3-10%	High molecular weight esters
Plasticizer	0-60%	Organic and inorganic colorants (can contain lead, chromium, and cadmium)
Colorant	0-5%	Antimony Trioxide, Aluminum Trihydrate
Flame Retardant	0-15%	

- PVC Compound contains less than or equal to 10 ppm residual vinyl chloride monomer. Vinyl chloride is regulated as a carcinogen according to OSHA and listed by NTP and IARC as a carcinogen.
- Contains no chemicals subject to SARA 302 or 311/312 reporting.
- Contains a maximum of 2% Antimony Compounds, 2% Barium Compounds, 2% Cadmium Compounds, 7% Chromium Compounds, and 5% Lead which are chemicals subject to SARA 313 reporting.

3. PHYSICAL DATA

BOILING POINT (°F)	Solid	SPECIFIC GRAVITY (H ₂ O=1)	1.15 - 1.6
VAPOR PRESSURE (mm Hg.)	Solid	MELTING POINT	Varies
SOLUBILITY IN WATER	Solid	VAPOR DENSITY	Solid
APPEARANCE AND ODOR	Pellets of varying size, hardness, and color.		

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, CO2, dry chemical.			
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.			

Polyvinyl Chloride, PVC Compound

6. REACTIVITY DATA

CONDITIONS CONTRIBUTING TO INSTABILITY:

Do not allow this product to come in contact with acetal or acetal copolymers within the extruder or molding machine. At processing conditions, the two materials are mutually destructive and involve rapid degradation of the products. Equipment should be purged with acrylic, ABS, polystyrene, or other purge compound to avoid even trace amounts of this product and acetals from coming in contact with each other.

INCOMPATIBILITY:

Acetal or acetal copolymers.

HAZARDOUS DECOMPOSITION PRODUCTS:

Hydrogen chloride and other toxic fumes generated with combustion.

CONDITIONS CONTRIBUTING TO HAZARDOUS POLYMERIZATION:

Not applicable.

7. SPILL OR LEAK PROCEDURES

In case of spill, sweep, scoop, or vacuum and remove. Dispose of only in accordance with local, state, and federal regulations.

WASTE CLASSIFICATION: If discarded in its purchased form, this product is not a RCRA hazardous waste. Re-evaluation of the product may be required by the user at the time of disposal, since the product uses, transformations, and mixtures may change the classification.

8. SPECIAL PROTECTION INFORMATION

VENTILATION RECOMMENDATIONS

General ventilation for thermal processing 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:

Chemical safety glasses or goggles.

GLOVES:

Necessary when handling hot or molten compound.

OTHER CLOTHING AND EQUIPMENT:

As necessary when handling hot or molten compound.