



Conoco Chemicals
5 Greenway Plaza East
P.O. Box 2197
Houston, Texas 77001

MATERIAL SAFETY DATA SHEET

1. PRODUCT IDENTIFICATION

MANUFACTURER'S NAME Conoco Chemicals	
ADDRESS P.O. Box 91 - Aberdeen, Mississippi 39730	
TRADE NAME Polyvinylchloride, PVC Dry Blend	
SYNONYMS Vinyl Polymers	
REGULAR TELEPHONE NO.	EMERGENCY TELEPHONE NO.

2. HAZARDOUS INGREDIENTS

MATERIAL OR COMPONENT	%	HAZARD DATA
Less than 5.0ppm residual vinyl chloride monomer. <i>data to support lower #'s?</i>		Conoco Plastic Spec book says 10 max. Why at this time should we claim less? Typical would be less than 1.0 ppm if typical is being sought.

3. PHYSICAL DATA

BOILING POINT (°F)	Solid	SPECIFIC GRAVITY(H ₂ O = 1)	1.4
VAPOR PRESSURE (mm Hg.)	Solid	PERCENT VOLATILE BY VOLUME (%)	Negligible
VAPOR DENSITY (AIR = 1)	Solid	EVAPORATION RATE (_____ = 1)	Solid
SOLUBILITY IN WATER	None	MELTING POINT	
APPEARANCE AND ODOR	Fine white powder		

4. FIRE AND EXPLOSION DATA

FLASH POINT (TEST METHOD)	Not Applicable	AUTOIGNITION TEMPERATURE	
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.		
UNUSUAL FIRE AND EXPLOSION HAZARD	PVC evolves hydrogen chloride and other toxic gases when burned. Exposure to combustion products may be fatal and should be avoided.		

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5. HEALTH HAZARD INFORMATION

FIRST AID

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

SKIN:

INHALATION:

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 use conditions no inhalation hazard is presented.

INGESTION:

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:

EYE CONTACT:

INHALATION:

INGESTION:

SPECIAL PRECAUTIONS: AVOID INHALATION OF COMBUSTION PRODUCTS

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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.

8. 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: Generally not necessary unless handling hot or molten resins.

OTHER CLOTHING AND EQUIPMENT:

9. SPECIAL PRECAUTIONS

HAZARD CLASSIFICATION INFORMATION

IMCO HAZARD CLASS AND NUMBER	US DOT CLASSIFICATION
UN NUMBER	EEC DANGEROUS SUBSTANCE CLASSIFICATION
ADR CLASS NUMBER	EEC SPECIAL RISKS AND SAFETY ADVICE
CAS NUMBER 9002-86-2	

TRANSPORTATION AND STORAGE

USUAL SHIPPING CONTAINERS Poly-lined 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
Stainless or poly-lined.	

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