

Material Safety Data Sheet

U.S. Department of Labor

May be used to comply with

OSHA's Hazard Communication Standard,
29 CFR 1910.1200. Standard must be
consulted for specific requirements.

Occupational Safety and Health
Administration

(Non-Mandatory Form)

Form Approved

OMB No. 1218-0072

IDENTITY (As Used on Label and List)
Chemical Name & Synonyms: Polyvinyl Chloride
(CAS #: 9002-86-2)
Chemical Family: Polymer
Formula: (CH₂CHCl)

Note: Blank spaces are not permitted. If any item is
not applicable, or no information is available, the
space must be marked to indicate that.

Trade name: **PVC Water & Sewer Pipe**

Section I

Manufacturer's Name VinylTech Corporation	Emergency Telephone Number 602-233-0071
Address (Number, Street, City, State, and ZIP Code) 201 South 61st Avenue Phoenix, Arizona 85043	Telephone Number for Information 602-233-0071
	Date Prepared November 30, 2000
	Signature of Preparer (optional)

Section II - Hazard Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	%(optional)
None in excess of OSHA or EPA TLV's				

Section III - Physical/Chemical Characteristics

Boiling Point Not Applicable	Specific Gravity (H ₂ O = 1) 1.4 to 1.6
Vapor Pressure (mm Hg.) Not Applicable	Melting Point Not Applicable
Vapor Density (AIR = 1) Not Applicable	Evaporation Rate (Butyl Acetate = 1) Not Applicable
Solubility in Water Not Soluble in Water	
Appearance and Odor White, Green, Blue & Purple - Oderless	

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) 734° F; Self Ignition - 850° F (ASTM D1929)	Flammable Limits Not Applicable	LEL	UEL
Extinguishing Media Product is self-extinguishing. Use water, dry chemical or carbon dioxide on other combustibles as appropriate.			

Special Fire Fighting Procedures

If PVC is present in a fire, use respiratory protection approved for acid gas.

Unusual Fire and Explosion Hazards

If PVC Pipe is exposed to sufficient heat, it will thermally degrade and generate hydrogen chloride gas.**Section V - Reactivity Data**

Stability	Unstable	Conditions to Avoid
	Stable X	Exposure to high temperatures (above 350° F) can cause thermal decomposition and generation of hydrogen chloride gas.
Incompatibility (<i>Materials to Avoid</i>) Ketones and other polar hydrocarbons		
Hazardous Decomposition or Byproducts Hydrogen chloride gas		
Hazardous Polymerization	May Occur	Conditions to Avoid Not Applicable
	Will Not Occur X	

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation? Dust from cutting pipe	Skin?	Ingestion?
Health Hazards (<i>Acute and Chronic</i>) PVC dust is considered a nuisance dust only. PVC Pipe is non-hazardous.			
Carcinogenicity:	NTP? No	IARC Monographs? No	OSHA Regulated? No
Signs and Symptoms of Exposure None known			
Medical Conditions Generally Aggravated by Exposure None known			
Emergency and First Aid Procedures PVC Pipe is inert in all intended uses. Dust from cutting can be removed with water.			

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled Normal housekeeping effort in the case of PVC dust.
Waste Disposal Method Dispose of in accordance with local regulations. Avoid incineration.
Precautions to Be taken in Handling and Storing None known
Other Precautions None known

Section VIII - Control Measures

Respiratory Protection (<i>Specify Type</i>) None required in normal use.		
Ventilation	Local Exhaust None	Special Not Applicable

	Mechanical (<i>General</i>) None	Other Not Applicable
Protective Gloves Required only to protect against cuts & bruises	Eye Protection None required in normal use.	
Other Protective Clothing or Equipment None required in normal use.		
Work/Hygienic Practices None required in normal use.		