

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

COMMON NAME:	Polyvinyl Chloride (PVC) Conduit and Fittings
CHEMICAL NAME:	Not Applicable. Formulation, see Section 3.
FORMULA:	Mixture
PRODUCT CAS NO.:	Mixture, See Section 3.
RECOMMENDED USE:	Conduit for Electrical Wire and Cable
SUPPLIER:	Southern Pipe, Inc.
ADDRESS:	135 Random Drive PO Box 606
CITY, STATE, ZIP:	New London, NC 27128
PHONE:	704-463-5202

SECTION 2 - HAZARDS IDENTIFICATION

All ingredients are bound during the manufacturing process and not expected to generate any health hazards during handling or in use under normal conditions.

Hazard Statement

May emit fumes/vapors during extreme heating conditions such as fire.
These fumes/vapors may cause irritation to eyes and respiratory system.

Classification of Mixture

Eye and respiratory system irritation.

Signal Word

Warning

Precautionary Statement

Avoid breathing fumes/gases during high heat and decomposition.


SECTION 3 - COMPOSITION / INFORMATION OF INGREDIENTS

INGREDIENT	CAS#	% WEIGHT	PEL-OSHA	TLV-ACGIH	NIOSH REL
Polyvinyl Chloride	9002-86-2	>80%	None Established for PVC. Particles not otherwise classified: 15 mg/ m ³ .	10 mg/ m ³ .	None established
Titanium Dioxide	13463-67-7	<5%	15 mg/ m ³ .	10 mg/ m ³ .	None established
Proprietary Ingredients		≤15%	15 mg/ m ³ .	10 mg/ m ³ .	None established

SECTION 4 – FIRST AID MEASURES	
If irritation of eyes, skin, or respiratory system persists, remove the affect individual from the incident area. Provide protection prior to re-entry.	
SECTION 5 – FIRE FIGHTING MEASURES	
FLASH POINT	Not applicable to solid products
IGNITION TEMPERATURE	>734° F (>390° C)
FLAMMABLE LIMITS IN AIR (% BY VOLUME)	Lower: N/A Upper: N/A
EXTINGUISHING METHOD	Water, foam, dry chemical. Do not use CO2 on Class A fires, as lack of cooling capacity may result in re-ignition.
SPECIAL FIRE FIGHTING PROCEDURES	Firefighters must wear NIOSH-approved, full-facepiece self-contained breathing apparatus (SCBA) operating in positive pressure mode. In poorly ventilated areas, wear SCBA during cleanup immediately after a fire as well as during the attack phase.
UNUSUAL FIRE AND EXPLOSION HAZARDS	Solid PVC does not readily release flammable vapors. Thermoplastic polymers can release Carbon Monoxide, Carbon Dioxide, Aldehydes, Hydrogen Chloride, and Tin. Run-off from firefighting water may have corrosive effects.
SECTION 6 – ACCIDENTAL RELEASE MEASURES	
THRESHOLD LIMIT VALUE	None established.
EFFORTS OF OVEREXPOSURE	There are no significant health hazards from PVC exposure at ambient temperatures. Exposure or inhalation of decomposition or combustion products, especially hydrogen chloride, will cause irritation to the respiratory system, eyes, and skin. Depending on the severity of the exposure, symptoms will include coughing, pain, and inflammation.
SECTION 7 – HANDLING AND STORAGE	
Environmental Precautions	
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED	Material is inert. Place in container to reuse or dispose of.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION	
SPECIAL PROTECTION INFORMATION	
VENTILATION	Provide efficient exhaust at all operations creating fumes or vapor, such as, cutting, sawing, machining, heat welding, thermoforming, and other operations involving heat sufficient to result in degradation.
RESPIRATORY PROTECTION	Nuisance dust mask may be advised in the presence of heavy saw dust.
PROTECTIVE EQUIPMENT	Safety glasses should be worn.
SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES	
APPEARANCE:	Solid gray or white
ODOR:	Odorless
ODOR THRESHOLD:	N/A
BOILING POINT:	N/A
FLASH POINT:	N/A
FLAMMABILITY:	Melted material is flammable
AUTOIGNITION TEMPERATURE:	N/A
DECOMPOSITION TEMPERATURE:	N/A
LOWER / UPPER EXPLOSION POINTS:	N/A
VAPOR PRESSURE:	N/A
LIQUID DENSITY:	N/A
SPECIFIC GRAVITY:	Approximately 1.4
MELTING POINT:	N/A
pH:	N/A
SOLUBILITY:	Insoluble
% VOLATILE:	N/A
VISCOSITY:	N/A
SECTION 10 – STABILITY AND REACTIVITY	
STABILITY	Stable at normal temperatures and pressures
REACTIVITY	Stable at normal temperatures and pressures
CONDITIONS TO AVOID	Flames
INCOMPATIBLE MATERIALS/CONDITIONS	Consult the Southern Pipe, Inc. chemical resistance guide
HAZARDOUS DECOMPOSITION PRODUCTS	CO, CO ₂ , Hydrogen Chloride, and small amounts of benzene and aromatic and aliphatic hydrocarbons.
HAZARDOUS POLYMERIZATIONS	N/A

SECTION 11 – TOXICOLOGY INFORMATION

No toxicology data is available for this finished product.

SECTION 12 – ECOLOGICAL INFORMATION

Material is inert. No known significant or critical hazards.

SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose of in accordance with federal, state and local regulations. For waste disposal purposes, these products are not defined as hazardous by the current provision of the Federal Conservation and Recovery Act (RCRA) 40CFR261.

SECTION 14 – TRANSPORT INFORMATION

PROPER SHIPPING NAME	Not Regulated
HAZARD CLASS	Non-Hazardous
IDENTIFICATION NUMBER	None Required
SHIPPING LABEL	None Required
UN/NA HAZARD NUMBER	None Required

SECTION 15 – REGULATORY INFORMATION

UNITED STATES	TCSA 8(b): All ingredients are listed on the U.S. Toxic Substance Control Act inventory. Airborne unbound particles of titanium dioxide of respirable size are listed as being carcinogenic per California Proposition 65. All titanium dioxide is bound in finished products.
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SECTION 16 – OTHER INFORMATION
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