FORMUFIT

Date Revised: SEPT 2025
Supersedes: JUNE 2022

GHS SAFETY DATA SHEET

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME	FORMUFIT PVC Pipe and Fittings
PRODUCT USE	Structural and Framework PVC Pipe and Fittings
Manufacturer	FORMUFIT 17501 W 98th Street, Space 48-21 Lenexa, KS 66219 United States
Manufacturer's Product Code	Varies

SECTION 2 - HAZARDS IDENTIFICATION

As defined in the OSHA Hazard Communication Standard, 29 CFR 1910.1200, the products provided below are considered articles, and therefore, the GHS labeling elements are not included on this SDS. All components listed for this product are bound within the product. When handled as intended and under normal conditions of use, there is no significant health risk.

HAZARDS IDENTIFICATION	
Physical Hazards	None Classified
Health Hazards	None Classified
OSHA Defined Hazards	None Classified
Hazard(s) not Otherwise Classified (HNOC)	None Classified

LABEL ELEMENTS	
Hazard Symbol	None Required
Signal Word	None Required
Hazard Statement	None Required

PRECAUTIONARY STATEMENT	
Prevention	Observe good industrial hygiene practices
Response	Wash hands after handling in quantity
Storage	Store away from incompatible materials
Disposal	Dispose of or recycle waste and residues in accordance with local authority requirements

NOTE: This product releases corrosive & toxic gases when burned (e.g., hydrogen chloride gas). Avoid generating dust. Wear a self-contained breathing apparatus (SCBA). Personnel not having a SCBA should leave the area immediately and avoid smoke inhalation.

SECTION 3 - HAZARDOUS INGREDIENTS: COMPOSITION/ INFORMATION

INGREDIENT	% WEIGHT	PEL-OSHA	TLV-ACGIH	NIOSH REL
Polyvinyl Chloride Resin	>80%	None established	10 mg/m3	None established
PVC Additives	≤ 20%	None established	10 mg/m3	None established

SECTION 4 - FIRST AID MEASURES

Dust resulting from power or hand sawing this material is considered to be a low health risk by inhalation. Limits for total and respirable dust in Section 3 are applicable. Dust may be irritating to the skin, eyes, nose and upper respiratory tract. Toxic fumes and gases may be produced by combustion or high temperature decomposition. If this product is melted, this material may emit fumes and vapors that are irritating to the eyes, nose, skin and upper respiratory tract.

FIRST AID PROCEDURES	
Inhalation	Precautions should be taken to avoid inhalation through the nose and throat. Inhalation of burning product will cause irritation of the respiratory tract. Remove individual from area of fire. Seek medical advice
Skin	Not relevant, due to the form of the product. Cool skin rapidly with cold water after contact with molten polymer. Get immediate medical attention
Eye Contact	Cutting and drilling PVC will release nuisance dust particles which are non-toxic. Approved eye protection is recommended.
Ingestion	Not likely, due to the form of the product
Most important symptoms/ effects, acute and delayed:	No specific symptoms noted. Molten material will produce thermal burns.
Indication of immediate medical attention and special treatment needed	Treat symptomatically

NOTE TO PHYSICIANS OR FIRST AID PROVIDERS:
Hazardous fumes and gases that result from incomplete combustion and decomposition are hydrogen chloride, benzene, water, carbon monoxide and carbon dioxide.

SECTION 5 - FIREFIGHTING MEASURES

FLAMMABLE PROPERTIES		
Flash Point	No Data	Dust and particulates milled from products may be combustible.

FLAMMABLE LIMITS	
LEL	No Data
UEL	No Data

Extinguishing Media	Water or Foam medium is preferred. CO2 and Dry Chemical methods are suitable but not preferred
Fire and Explosion Hazards	Releases corrosive & toxic gases when burned (e.g., hydrogen chloride gas)
Protective Measures for Firefighters	Wear a self-contained breathing apparatus (SCBA). Personnel not having a SCBA should leave the area immediately and avoid smoke inhalation.
Special Protective Actions for Firefighters	If there is a fire, promptly isolate the scene by removing all persons from the vicinity of the incident. No action shall be taken involving any personal risk or without suitable training.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	Operations involving heating (forming) of PVC sufficient to result in degradation should be examined to ensure proper ventilation. Cutting and drilling PVC will release nuisance dust particles which are non-toxic. Ventilate adequately when cutting.
Methods and materials for containment and cleaning up	Where possible allow molten material to solidify naturally. Collect spillage.
Environmental precaution	No special environmental precautions required

SECTION 7 - HANDLING AND STORAGE

Precautions for safe handling	Operations involving heating (forming) of PVC sufficient to result in degradation should be examined to ensure proper ventilation. Cutting and drilling PVC will release nuisance dust particles which are non-toxic. Ventilate adequately when cutting.
Conditions for safe storage, including any incompatibilities	Material is inert. Place in container for reuse or disposal.

SECTION 8 - PRECAUTIONS TO CONTROL EXPOSURE / PERSONAL PROTECTION

Eye Protection	When cutting, wear safety glasses or goggles to prevent particles from being projected into eyes.
Inhalation Protection	Use with adequate ventilation to meet exposure limits listed under Section 3. Where the exposure limits are or may be exceeded, use NIOSH approved respiratory protection.
Skin Protection	When handling hot material, use heat resistant gloves. No skin protection is ordinarily required under normal conditions of use.
Biological limit values	No biological exposure limits noted for the ingredient(s).
Appropriate engineering controls	Adequate ventilation should be provided whenever the material is heated or mists are generated

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Solid, White & Various Custom Colors	**VAPOR PRESSURE**	Not Available
ODOR	No Odor	**LIQUID DENSITY**	Not Available
ODOR THRESHOLD	Not Applicable	**SPECIFIC GRAVITY**	1.4 to 1.6
BOILING POINT	Not Applicable	**MELTING POINT**	Softening of material occurs around 170 ^{0}F with a continuous heat source.
FLASH POINT	Not Applicable	**pH**	Not Available
FLAMMABILITY	Self-extinguishing when fire source is removed	**SOLUBILITY**	None
AUTOIGNITION TEMPERATURE:	735 ^{0}F	**% VOLATILE**	Not Available
DECOMPOSITION TEMPERATURE	Not Available	**VISCOSITY**	Not Available
LOWER/UPPER EXPLOSION LIMITS	Not Available		

SECTION 10 - STABILITY AND REACTIVITY

ACUTE TOXICITY	No toxicological data is available for the finished product	**REPRODUCTIVE TOXICITY**	Not Available
SENSITIZATION	Not Available	**TERATOGENICITY**	Not Available
MUTAGENICITY	Not Available	**SPECIFIC TARGET ORGANS – SINGLE EXPOSURE**	Not Available
DEVELOPMENTAL	Not Available	**SPECIFIC TARGET ORGANS – REPEATED EXPOSURE**	Not Available
FERTILITY	Not Available	**ASPIRATION HAZARD**	Not Available
CARCINOGENICITY	This product does not contain ingredients classified by the IARC Cancer, National Toxicology Program Report, or OSHA at 29 CFR 1910, Subpart Z, as a carcinogen.		

SECTION 11 - TOXICOLOGICAL INFORMATION

Reactivity	The product is non-reactive under normal conditions of use, storage and transport.
Chemical stability	Product is inert at normal conditions.
Possibility of hazardous reactions	None
Conditions to avoid	Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents
Hazardous decomposition products	Carbon oxides. Hydrogen chloride. Formaldehyde

SECTION V - HEALTH HAZARD DATA

Exposure	There are no significant health hazards from exposure to the product in rigid form at ambient temperatures.
Routes of Entry and First Aid Measures	Inhalation (Nose & Throat) –. Operations involving heating (forming) of PVC sufficient to result in degradation should be examined to ensure proper ventilation. Cutting and drilling PVC will release nuisance dust particles which are non-toxic. NIOSH approved respirator or filter mask is recommended. Ventilate adequately when cutting.
Extinguishing Media	Water or Foam medium is preferred. CO2 and Dry Chemical methods are suitable but not preferred, as lack of cooling capacity may result in re-ignition.
Special Fire Fighting Procedures	Wear a self-contained breathing apparatus (SCBA). Personnel not having a SCBA should leave the area immediately and avoid smoke inhalation.
Unusual Fire & Explosion Hazards	Releases corrosive & toxic gases when burned (e.g., hydrogen chloride gas)

SECTION VI - SAFE HANDLING AND USE

Steps to Be Taken in Case Material is Released or Spilled	Material is inert. Place in container for reuse or disposal.
Waste Disposal Method	In accordance with federal, state and local regulations.
Precautions to be Taken in Handling and Storing:	Sprinkler equipped warehouses recommended.