

SAFETY DATA SHEET

SECTION 1. PRODUCT IDENTIFICATION

<u>MATERIAL NAME:</u>	Polypropylene (PP) Pipe & Fittings		
<u>PRODUCT USE:</u>	Lab drain, waste, vent and high purity piping		
<u>MANUFACTURER/SUPPLIER:</u>	IPEX Inc. 807 Pharmacy Avenue Scarborough, Ontario Canada M1L 3K2	<u>TELEPHONE NO.:</u>	866-473-9462 (Canada) 800-463-9572 (USA)
		<u>PREPARED BY:</u>	Health, Safety and Environment

SECTION 2. HAZARDS IDENTIFICATION

This product is an article and therefore is not subject to the requirements of the federal Hazardous Products Act (HPA) and Health Canada's Hazard Products Regulations (HPR) to provide a Safety Data Sheet (SDS). This product should not present a health or safety hazard under recommended or normal use.

This product is an article and therefore is not subject to the requirements of the US Hazard Communication Standard (HCS) (29 CFR 1910.1200) to provide a Safety Data Sheet (SDS). This product should not present a health or safety hazard under recommended or normal use.

Classification GHS	Not Classified
GHS labelling	No Labeling Applicable

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

This article does not contain any substances required to be mentioned according to the criteria of WHMIS 2015.

SECTION 4. FIRST AID MEASURES

EYES:	Flush eyes thoroughly with water for several minutes and seek medical attention if discomfort persists. In case of eye contact with molten polymer: continuously flush eye(s) with cool running water for at least 15 minutes. Beyond flushing, DO NOT attempt to remove the material adherent to the eye(s). Immediately seek medical.
SKIN:	If molten material contacts the skin, immediately flush with large amounts of water to cool the affected tissue.
INGESTION:	Adverse health effects due to ingestion are not anticipated.
INHALATION:	In case of inhalation of fumes that may be generated during heating of this material, move the person to fresh air. Obtain medical attention. Keep person warm, if necessary give Cardio-Pulmonary Resuscitation (CPR).

Notes to Physician:

Symptoms:	Inhalation of process fumes and vapors may cause soreness in the nose and throat and coughing.
Hazards:	Dust contact with the eyes can lead to mechanical irritation. Molten polymer may cause thermal burns.
Treatment:	Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

SECTION 5. FIRE-FIGHTING MEASURES

FLAMMABILITY / CLASSIFICATION:	Not classified. Polymer will burn but does not ignite readily.
SPECIAL FIRE FIGHTING:	Keep away from heat and sources of ignition. In case of fire hazardous decomposition products may be produced such as: Carbon monoxide, carbon dioxide, acrolein and unburned hydrocarbons (smoke). Wear approved SCBA (Self-Contained Breathing Apparatus) and firefighting protective clothing.
EXTINGUISHING MEDIA:	Small Fire: Dry Chemical, CO ₂ , water spray. Large Fire: Use water spray hose nozzles from a safe location.
FURTHER INFORMATION:	Combustible particulate solid, will decompose under fire conditions Calorific Value: 8000 - 11000 kcal/kg Fight fire from safe distance with hose lines or monitor nozzles. Heat from fire may melt, decompose polymer, and generate flammable vapors. Move product from fire area if it can be done without risk. Cool product with large volumes of water even after fire is out.

SECTION 6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:	No special personal precautions required.
ENVIRONMENTAL PRECAUTIONS:	Do not flush into surface water or sanitary sewer system.
Environmental Fate:	This material is not volatile and insoluble in water.
MATERIALS NOT TO BE USED FOR CONTAINMENT AND CLEAN UP:	None applicable

SECTION 7. HANDLING AND STORAGE

HANDLING PROCEDURES AND EQUIPMENT:	This product is an article which does not release or otherwise result in exposure to a hazardous chemical under normal use conditions.
STORAGE REQUIREMENTS:	Store in a dry location. Store away from excessive heat and away from strong oxidizing agents.

SECTION 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

EXPOSURE LIMITS	Not required for articles.
ENGINEERING CONTROLS:	If user operations generate dust or fumes, ventilate area to prevent accumulation. Further information can be obtained from NFPA-654.
RESPIRATORY PROTECTION	Use approved respiratory protection when concentrations are above the exposure limit.
HAND PROTECTIONS:	Use work gloves under normal use to avoid cuts. When handling heated materials, provide thermal protective gloves.

EYES AND FACE PROTECTION:	Safety glasses should be worn. Dust goggles should be worn to prevent mechanical injury due to airborne particles.
FOOTWEAR:	Not applicable.
CLOTHING:	No special clothing is required.
HYGIENE MEASURES:	Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet facilities. Take off contaminated clothing and wash before reuse.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	Solid
ODOUR AND APPEARANCE:	White, Black, Grey, Blue, Odourless
ODOUR THRESHOLD:	Not established
BOILING POINT:	Not applicable
MELTING POINT:	120 – 165°C (248 – 329°F)
FREEZING POINT	Not applicable
FLASH POINT	Not applicable
VAPOUR PRESSURE:	Not applicable
VAPOUR DENSITY:	Not applicable
SPECIFIC GRAVITY:	0.897 – 0.927
pH:	Not applicable
EVAPORATION RATE:	Not applicable
SOLUBILITY IN WATER:	Insoluble
COEFFICIENT WATER/OIL DIST.:	Not applicable
FLAMMABILITY:	Not available
LOWER FLAMMABLE LIMIT:	Not applicable.
UPPER FLAMMABLE LIMIT:	Not applicable.
AUTOIGNITION TEMPERATURE:	> 300 °C (572 °F)
EXPLOSION DATA:	Not applicable
EXPLOSIVE CHARACTERISTICS: (% volume)	Lower Explosivity level: Not applicable Upper Explosivity level: Not applicable
DECOMPOSITION TEMPERATURE:	300°C (572°F)
VISCOSITY:	Not applicable

SECTION 10. STABILITY AND REACTIVITY DATA

CHEMICAL STABILITY:	Stable under normal conditions.
REACTIVITY:	No known reactivity hazards.
CONDITIONS TO AVOID:	Avoid contact with strong oxidizers, excessive heat, sparks or open flame.
MATERIALS TO AVOID:	Material may be softened by some hydrocarbons.
HAZARDOUS DECOMPOSITION:	Not expected to decompose under normal conditions.

SECTION 11. TOXICOLOGICAL INFORMATION

ACUTE ORAL TOXICITY:	Not classified
ACUTE INHALATION TOXICITY:	Not classified
ACUTE DERMAL TOXICITY:	Not classified
SKIN CORROSION IRRITATION:	Not a skin irritant
SERIOUS EYE DAMAGE/ EYE IRRITATION:	Not an eye irritant Mechanical irritation possible
RESPIRATORY OR SKIN SENSITIZATION:	Not classified
CARCINOGENICITY:	Not classified. Not listed with IARC, NTP, ACGIH or OSHA as a carcinogen.
MUTAGENICITY:	Not classified
REPRODUCTIVE EFFECTS:	Not classified
ECOTOXICITY:	Not available

SECTION 12. ECOLOGICAL INFORMATION

ECOTOXICITY	The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.
PERSISTENCE AND DEGRADABILITY	Not established.
BIOACCUMULATIVE POTENTIAL	Not established.
MOBILITY IN SOIL	No additional information available.
OTHER ADVERSE EFFECTS:	Not established.

SECTION 13. DISPOSAL CONSIDERATIONS

Handle in accordance with federal, state, provincial and municipal regulations.



SECTION 14. TRANSPORT INFORMATION

**SPECIAL SHIPPING
INFORMATION:**

Canadian: TDG: Not regulated
USA: DOT (HMT): Not regulated

SECTION 15. REGULATORY INFORMATION

No information available.

SECTION 16. OTHER INFORMATION

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