

## MATERIAL SAFETY DATA SHEET

### SECTION 1. PRODUCT IDENTIFICATION

MATERIAL NAME: PVC PIPE AND FITTINGS

PRODUCT USE: Water, sewer, conduit, duct

MANUFACTURER/SUPPLIER: IPEX Inc.  
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### SECTION 2. PREPARATION INFORMATION

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### SECTION 3. HAZARDOUS INGREDIENTS

INGREDIENT	CAS NUMBER	APPROXIMATE CONCENTRATION %	LD <sub>50</sub> /LC <sub>50</sub>	EXPOSURE LIMIT TLV ACGIH mg/m <sup>3</sup>
PVC RESIN Blend	Not available	100%	Not available	Not available

(Not considered hazardous under normal conditions. PVC pipes are inert in all intended environments.)

### SECTION 4. PHYSICAL DATA

PHYSICAL STATE: Solid      SPECIFIC GRAVITY: 1.4 – 1.65

ODOUR AND APPEARANCE: White, blue, green or gray; odourless

BOILING POINT: 385° F (196° C)

NOT APPLICABLE: FREEZING POINT, ODOUR THRESHOLD, VAPOUR PRESSURE, VAPOUR DENSITY, EVAPORATION RATE, pH, COEFFICIENT OF WATER/OIL DISTRIBUTION

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### SECTION 5. FIRE OR EXPLOSION HAZARD

<u>CONDITIONS OF FLAMMABILITY:</u>	Yes, if highly heated and exposed to any continuous source of ignition. PVC pipe will not support combustion.
<u>MEANS OF EXTINCTION:</u>	Water spray, carbon dioxide, foam, dry chemical
<u>FLASH POINT &amp; METHOD OF DETERMINATION:</u>	734° F (390° C) approx.
<u>AUTO-IGNITION TEMPERATURE:</u>	800° F (425° C) (ASTM D-1929) approx.
<u>HAZARDOUS COMBUSTION PRODUCTS:</u>	Hydrogen chloride, carbon oxides, benzene, hydrocarbons, chlorinated compounds
<u>NOT AVAILABLE:</u>	UPPER FLAMMABLE LIMIT, LOWER FLAMMABLE LIMIT, EXPLOSION DATA – SENSITIVITY TO MECHANICAL IMPACT, EXPLOSION DATA-SENSITIVITY TO STATIC DISCHARGE

### SECTION 6. REACTIVITY DATA

<u>HAZARDOUS DECOMPOSITION PRODUCTS:</u>	May evolve hydrogen chloride (HCl) when burning
<u>NOT AVAILABLE:</u>	CONDITIONS UNDER WHICH THE PRODUCT IS CHEMICALLY UNSTABLE, INCOMPATIBILITY TO OTHER SUBSTANCES, CONDITIONS OF REACTIVITY

### SECTION 7. TOXICOLOGICAL PROPERTIES

<u>ROUTES OF ENTRY:</u>	Inhalation, eye contact with dust (when cutting)
<u>EFFECTS OF ACUTE EXPOSURE TO PRODUCT:</u>	No acute health effects reported with the inhalation of PVC dust; dust may irritate the eyes.
<u>EFFECTS OF CHRONIC EXPOSURE TO PRODUCT:</u>	Vinyl resin has little effect on the lungs and is not known to cause any disease when dust exposure is minimized. Routine inhalation of dust of any kind should be avoided. Exercise care when dumping bags, sweeping, mixing or doing other tasks which can create dust.
<u>NOT AVAILABLE:</u>	CARCINOGENICITY, EXPOSURE LIMITS, SENSITIZATION TO PRODUCT, IRRITANCY OF PRODUCT, REPRODUCTIVE TOXICITY, TERATOGENICITY, MUTAGENICITY, TOXICOLOGICALLY SYNERGISTIC PRODUCTS

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### SECTION 8. PREVENTIVE MEASURES

<u>PERSONAL PROTECTIVE EQUIPMENT TO BE USED:</u>	When cutting, the use of eye protection and a NIOSH-approved respirator for dust is recommended.
<u>ENGINEERING CONTROLS TO BE USED:</u>	Ventilate adequately when cutting.
<u>WASTE DISPOSAL:</u>	Handle in accordance with federal, state, provincial and municipal regulations.
<u>PROCEDURES TO BE FOLLOWED IN CASE OF LEAK OR SPILL:</u>	Pipe fragments and debris should be swept up and removed to a disposal container.
<u>HANDLING PROCEDURE AND EQUIPMENT:</u>	Avoid creating and breathing PVC dust.
<u>STORAGE REQUIREMENTS:</u>	None
<u>SPECIAL SHIPPING INFORMATION:</u>	Not applicable

### SECTION 9. FIRST AID MEASURES

<u>SPECIFIC FIRST AID MEASURES:</u>	No situation is likely to arise from routine handling of PVC pipes.
<u>INHALATION:</u>	If irritation persists, consult a physician
<u>SKIN:</u>	Wash with soap and water.
<u>EYES:</u>	Remove particles with clean water. If irritation persists, consult a physician.
<u>INGESTION:</u>	Do not induce vomiting; consult a physician.

### SECTION 10. ADDITIONAL GENERAL INFORMATION

#### Disclaimer

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