



## MATERIAL SAFETY DATA SHEET

### SECTION 1. PRODUCT IDENTIFICATION

**MATERIAL NAME:** PVC Pipe and Fittings

**PRODUCT USE:** Water, sewer, conduit and industrial piping

### SECTION 2. PREPARATION INFORMATION

<p><b><u>MANUFACTURER/SUPPLIER:</u></b> IPEX Inc. 807 Pharmacy Avenue Scarborough, Ontario Canada M1L 3K2</p>	<p><b><u>TELEPHONE NO.:</u></b> (416) 445-3400</p> <p><b><u>PREPARED BY:</u></b> Health, Safety and Environment</p> <p><b><u>DATE PREPARED:</u></b> March 9<sup>th</sup> 2015</p>
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### SECTION 3. HAZARDOUS INGREDIENTS

This is not a "controlled product" under the Hazardous Products Act. PVC is inert in all intended applications.

INGREDIENT NAME	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 applicable	100%	Not available	Not available

### SECTION 4. PHYSICAL DATA

<b>PHYSICAL STATE:</b>	Solid
<b>ODOUR AND APPEARANCE:</b>	White, blue, green, grey or orange, odourless
<b>BOILING POINT:</b>	385°F (196 °C)
<b>VAPOUR PRESSURE:</b>	Not applicable
<b>VAPOUR DENSITY:</b>	Not applicable
<b>SPECIFIC GRAVITY:</b>	1.4 – 1.65
<b>pH:</b>	Not applicable
<b>ODOUR THRESHOLD:</b>	Not applicable
<b>EVAPORATION RATE:</b>	Not applicable
<b>COEFFICIENT WATER/OIL DISTR:</b>	Not applicable

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## SECTION 5. FIRE OR EXPLOSION HAZARD

**FIRE FIGHTING:** Wear self-contained breathing apparatus (SCBA) equipped with a full face piece and operated in a pressure-demand mode or other positive-pressure mode and protective clothing. Personnel not having suitable respiratory protection must leave the area to prevent significant exposure to toxic gases from combustion, burning, or decomposition. In an enclosed or poorly ventilated area, wear SCBA during cleanup immediately after a fire as well as during the attack phase of fire fighting operations. Run off water from fire fighting may have corrosive effects.

**EXTINGUISHING MEDIA:** Water spray, carbon dioxide, foam, dry chemical.

**HAZARDOUS COMBUSTION PRODUCTS:** Hydrogen Chloride, Carbon Dioxide, Carbon Monoxide other substances dependent on fire conditions.

**FLASH POINT:** 734°F (390°C) approx.

**LOWER FLAMMABLE LIMIT:** Not applicable.

**UPPER FLAMMABLE LIMIT:** Not applicable.

**AUTOIGNITION:** 800°F (425°C) (ASTM D-1929) approx.

**CONDITIONS OF FLAMMABILITY:** Only if highly heated and exposed to a continuous source of ignition. PVC pipe will not support combustion.

**IMPACT SENSITIVITY:** Not available

**STATIC DISCHARGE:** Not available

## SECTION 6. REACTIVITY DATA

**STABILITY:** Not available.

**REACTIVITY:** Not available

**INCOMPATIBILITY WITH OTHER SUBSTANCES:** Not available

**HAZARDOUS DECOMPOSITION:** See section 5

## SECTION 7. TOXICOLOGICAL PROPERTIES

**EFFECTS OF ACUTE EXPOSURE TO PRODUCT:** No acute health effects reported with the inhalation of PVC dust; dust may irritate the eyes.

**EFFECTS OF CHRONIC EXPOSURE TO PRODUCT:** Vinyl resin is not known to cause any disease. Dust exposure should always be 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.

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<b>ROUTES OF ENTRY:</b>	Inhalation, eye contact with dust (only when cutting or grinding)
<b>SENTITIZATION:</b>	None known
<b>IRRITANCY:</b>	Not available
<b>CHRONIC/CARCINOGENICITY:</b>	Not available
<b>REPRODUCTIVE TOXICITY:</b>	Not available
<b>TERATOGENICITY:</b>	Not available
<b>MUTAGENICITY:</b>	Not available
<b>TOXICOLOGICALLY SYNERGISTIC PRODUCTS:</b>	Not available

## SECTION 8. PREVENTIVE MEASURES

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

## SECTION 9. EMERGENCY AND FIRST AID MEASURES

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

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<b>SECTION 10. ADDITIONAL GENERAL INFORMATION</b>
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Disclaimer

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Please consult IPEX Inc. for further information.

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