

PLASTEC

Innovative Plumbing Solutions

MATERIAL SAFETY DATA SHEET FOR PVC FITTINGS

COMPANY DETAILS:

Company	Plastec
ABN	
Date of Issue	17 th February 2011
Telephone Number	(07)5413 4444
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IDENTIFICATION:

Product Name	Poly Vinyl Chloride (PVC) molded fittings
Manufacturer's Product Code	Various
Dangerous Goods Class	Not classified as hazardous (Worksafe Australia criteria)
Hazchem Code	Not Allocated
Poisons Schedule Number	Not Listed
Use	Water supply, irrigations, sewerage, drainage,
Appearance	Grey or White
Boiling/Melting Point	Softening point > 75 °C, decomposition at Approximately 140 °C
Vapour Pressure	Not applicable

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Relative density	1.3-1.6
Flammability Limits	Combustible, Self Extinguishing
Solubility in Water	Insoluble

Ingredients

Chemical Name:	CAS Number:	Proportion:
Poly (Vinyl Chloride) Polymer	9002-86-2	> 80 %
Fillers (eg: Calcium carbonate)	471-34-1	3 - 16%
Lubricants (eg: Polyethylene wax)	Not applicable	0.8 - 1.6%
Modifiers (eg: Chlorinated Polyethylene, acrylics)		0 - 5%
Stabilisers (eg: stearates and sulphates of calcium zinc)	Not applicable	1.6 – 4%
Pigments (eg: Titanium Dioxide)	13463-67	1.2 – 4%

HEALTH HAZARD INFORMATION

General: There are no significant health hazards associated with PVC products under normal conditions of use. All additives are encapsulated within the polymer and should present no hazard under conditions of normal use and good occupational work practice. Peripheral effects may arise from combustion or misuse. Refer section Precautions for use.	
Swallowed:	There are no known health effects.
Eyes & Skin:	Hydrogen chloride and other fumes emitted during combustion may cause irritation to the eyes and skin. Dust from sawing may affect eyes if no protection is worn.

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Inhaled	Inapplicable to the solid product. Inhalation of combustion products, especially hydrogen chloride, causes irritation to the respiratory tract. Individuals with bronchial asthma and other chronic obstructive respiratory diseases may develop broncho-spasm if exposure is prolonged.
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Chronic	Inhalation of PVC dust has been reported to cause fine nodules visible on chest X-rays. Contact with heavy concentrations of gaseous combustion by-products may result in formation of permanent scar tissue.
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First Aid:

Swallowed	No harmful effects.
Eye & Skin	Treat mechanical injury and dust contact by normal procedures. Gaseous combustion by-products, Wash affected area with fresh water, seek medical assistance. If molten material contacts or adheres to skin, quickly use cool running water DO NOT REMOVE. Seek medical advice.
Inhaled	Gaseous combustion by-products, remove from source of exposure and seek medical advice.

PRECAUTIONS FOR USE

Exposure Standards	A limit of 10mg/m ³ for nuisance dusts is recommended.
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Engineering Controls	Stability – stable incompatibility - none
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Personal Protection	When working with product, normal safety glasses are recommended and dust mask if sawing.
Flammability	Combustible, self-extinguishing.
Storage and Transport	No special Requirements.
Handling	Injury can be sustained by rolling pipes. Unpack crates and bundles on a flat surface and ensure free stacks are chocked. Do not climb on stacks.
Material Working	Normal safety practices should be applied when working with material, ventilated area, dust masks and eye protection.
Disposal	Recycle if possible. Suitable for general waste land fill.
Fire/Explosion Hazard	Self-extinguishing, no explosion risk. If forced to burn dense acrid fumes containing noxious and toxic compounds will be emitted
Fire-Fighting Procedures	Wear full protective body suit with breathing apparatus.
Fire Extinguishing Media	Use water, water fog or foam to extinguish fires. Carbon Dioxide or Dry Chemical is suitable, but not preferred.

This MSDS, at the date of issue, summarises to the best of our knowledge the health and safety hazard information of the product and the safe handling and use of this product in the workplace. Plastec cannot anticipate or control all the conditions under which the product may be used, and it is the responsibility of each user, prior to usage, to review this MSDS in the context of how the user intends to use the product.