



SAFETY DATA SHEET

PVC-U PIPE AND FITTINGS

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

ALTERNATIVE PRODUCT NAMES	Unplasticised Poly(vinyl chloride) pipe and fittings
PRODUCT NO.	2CSxxx, 4CSxxx, 5CSxxx, 3Dxxx, 4Dxxx, 6Dxxx, 80Dxxx, 100Dxxx, 160Dxxx, 2Mxxx, 4Mxxx, 5Mxxx, 2Sxxx, 3Sxxx, 4Sxxx, 6Sxxx, 1Oxxx, 0Txxx, 3Txxx, 4Txxx, 5Txxx, 6Txxx, 8Txxx, 9Txxx, 6URxxx, 9URxxx, 12URxxx, Exxx, 302xxxxxx.
APPLICATION	Stormwater, Drain, Soil and Waste
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2 HAZARDS IDENTIFICATION

PVC-U pipes and fittings as finished product are not regarded as hazardous to health, and exhibit no chemical hazards when used under normal circumstances for the stated application(s). However, fine particles released on cutting may cause irritation to the eyes and respiratory tract.

3 COMPOSITION/INFORMATION ON INGREDIENTS

This material is not classified as hazardous to Health or the Environment under current EU legislation.

4 FIRST AID MEASURES

INHALATION

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues. Unlikely route of exposure as the product does not contain volatile substances.

INGESTION

Unlikely route of exposure. Get medical attention should discomfort develop.

SKIN CONTACT

Contact with molten product may cause burns. Cool with plenty of cold water. Do not attempt to remove the solidified plastic without consulting a trained first aider. Contact with the product at room temperature is unlikely to cause irritation however, obtain medical attention if any discomfort develops.

EYE CONTACT

Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

5 FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA

Extinguish with foam, carbon dioxide, dry powder or water fog. Do not use water jet as an extinguisher, as this will spread the fire.

SPECIAL FIRE FIGHTING PROCEDURES

Avoid breathing fire vapours. Beware, risk of formation of toxic and corrosive gases. Keep run-off water out of sewers and water sources. Dike for water control. If risk of water pollution occurs, notify appropriate authorities.

UNUSUAL FIRE & EXPLOSION HAZARDS

Beware, risk of formation of toxic and corrosive gases.

PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of a large fire.

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6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Not applicable.

ENVIRONMENTAL PRECAUTIONS

Do not allow to enter drains, sewers or watercourses. Avoid release to the environment.

SPELL CLEAN UP METHODS

Not applicable.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Avoid dust formation if cutting. Avoid eating, drinking and smoking when using the product. Observe good industrial hygiene practices. Gloves should be worn if edges are sharp where pipes have been broken.

STORAGE PRECAUTIONS

Products should preferably be stored in dry covered conditions away from direct sources of heat, including sunlight. During storage it must be recognised that the packaging and pallets may themselves be a fire risk, and are generally a much more likely route for rapid fire spread.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT

Appropriate workwear

ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation.

RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive dust formation occurs. Seek advice.

OCCUPATIONAL EXPOSURE LIMITS

	15min TWA	8hr TWA
Total Inhalable Dust	20 mg/m ³	10 mg/m ³
Total Respirable Dust		4 mg/m ³

DECOMPOSITION PRODUCTS WITH OCCUPATIONAL EXPOSURE LIMITS

Cas No.	Name	15min TWA	8hr TWA
7647-01-0	Hydrogen Chloride:	8 mg/m ³	2 mg/m ³
630-08-0	Carbon Monoxide	232 mg/m ³	35 mg/m ³
75-01-04	Vinyl Chloride		3 ppm.

HAND PROTECTION

For prolonged or repeated skin contact use suitable protective gloves.

EYE PROTECTION

Wear protective goggles to prevent any possibility of eye contact especially when cutting.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Solid plastic articles		
COLOUR	White, Grey Terracotta or Black		
ODOUR	Odourless		
SOLUBILITY	Insoluble in water	DECOMPOSITION TEMP °C	> 110
RELATIVE DENSITY	1.45 approx	FLASH POINT (°C)	> 350

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10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions and recommended use.

CONDITIONS TO AVOID

Avoid excessive heat for prolonged periods of time.

HAZARDOUS DECOMPOSITION PRODUCTS

None under normal conditions. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours, including those listed in section 8.

11 TOXICOLOGICAL INFORMATION

INHALATION

Dust formed during cutting may be irritating to the respiratory tract.

INGESTION

No harmful effects expected.

SKIN CONTACT

No harmful effects expected

EYE CONTACT

Dust formed during cutting may cause irritation.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that inappropriate, large or frequent disposal might have a harmful or damaging effect on the environment.

13 DISPOSAL CONSIDERATIONS

GENERAL INFORMATION

Disposal of waste materials in accordance with local Waste regulations. When handling waste, consideration should be made to the safety precautions applying to handling of the product. Recycle where it is practical to do so.

14 TRANSPORT INFORMATION

GENERAL

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

15 REGULATORY INFORMATION

RISK PHRASES

NC Not classified.

SAFETY PHRASES

P13 Safety data sheet available for professional user on request.

EU DIRECTIVES

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

APPROVED CODE OF PRACTICE

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply.

GUIDANCE NOTES

Workplace Exposure Limits EH40.

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16 OTHER INFORMATION

REVISION DATE 12/10/2010

REV. NO./REPL. SDS GENERATED B

SAFETY DATA SHEET STATUS Approved.

DATE 18/08/2009

SIGNATURE AT

SIGNATURE 2 AR

INFORMATION FOR DOWNSTREAM USERS ONLY; NAMELY,

Any natural or legal person established within the community, other than the manufacturer or the importer, who uses a substance, either on its own or in a preparation, in the course of his industrial or professional activities. A distributor or a consumer is not a downstream user.

DISCLAIMER

This information relates only to the specific material as supplied and may not be valid for such material if used in combination with any other material(s) or in any other process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. The data should not be construed as guaranteeing specific properties of the product described or its suitability for a particular application, nor does it make any warranty, either express or implied of merchantability for the product itself. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use.