FloPlast
building the future

SAFETY DATA SHEET
PVC-U

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPERATION AND OF THE COMPANY/UNDERTAKING

1.1 PRODUCT IDENTIFIER

PRODUCT NAME	UNPLASTICISED POLY (VINYL CHLORIDE)
PRODUCT No.	FloPlast RAINWATER, SOIL, DRAINAGE (UNDERGROUND), OVERFLOW WASTE SYSTEM and LARGE AIR ADMITTANCE VALVES

1.2 RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

APPLICATION OF THE SUBSTANCE / PREPERATION RAINWATER, OVERFLOW WASTE, SOIL AND DRAIN

1.3 DETAILS OF THE SUPPLIER

SUPPLIER
FloPlast LTD
CASTLE ROAD
EUROLINK BUSINESS PARK
SITTINGBOURNE
KENT
ME10 3FP
01795 431731
technical@floplast.co.uk

EMERGENCY TELE: 01795 431731 (08:00HRS – 17:30HRS)

SECTION 2: HAZARD IDENTIFICATION

CLASIFICATION OF SUBSTANCES

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.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

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

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES

After 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.

After 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.

After 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.

After ingestion:
Unlikely route of exposure.
Get medical attention should discomfort develop.

4.2 INFORMATION FOR DOCTOR:

4.2.1 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.2.2 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 5: FIRE FIGHTING MEASURES

5.1 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.

5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

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.

5.3 ADVICE FOR FIREFIGHTERS

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

5.4 ADDITIONAL INFORMATION

Beware, risk of formation of toxic and corrosive gases.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECUATIONS, PROTECTIVE EQUIPMENT AND EMERGANCY PROCEDURES

Not applicable.

6.2 ENVIRONMENTAL PRECAUTIONS

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

6.3 METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

Not applicable.

6.4 REFERENCE TO OTHER SECTIONS

See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: HANDLING AND STORAGE

7.1 PRECAUTIONS OF SAFE HANDLING

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.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPTABILITIES

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.

7.3 SPECIFIC END USE(S)

No further relevant information available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 CONTROL PARAMETERS

8.1.1 Occupational Exposure Limits

Name	STD	TWA – 8 Hrs		STEL – 15 Min	
Total Inhalable Dust	WEL		10 mg/m^{-3}		20 mg/m^{-3}
Total Respirable Dust	WEL		4 mg/m^{-3}		

8.1.2 Decomposition Products With Occupational Exposure Limits

Cas No.	Name	STD	TWA – 8 Hrs	STEL – 15 Min
7647-01-0	Hydrogen Chloride	WEL	2mg/m^{-3}	2mg/m^{-3}
630-08-0	Carbon Monoxide	WEL	35mg/m^{-3}	232mg/m^{-3}
75-01-04	Vinyl Chloride		3mg/m^{-3}	

8.2 PROTECTIVE EQUIPMENT

8.2.1 General protective and hygienic measures:

Appropriate workwear

Provide adequate general and local exhaust ventilation.

8.2.2 Respiratory protection:

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

8.2.3 Protection of hands:



Protective gloves recommended

For prolonged or repeated skin contact use suitable protective gloves.

8.2.4 Eye protection:



Eye protection

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

8.2.5 Skin protection:

Standard industrial protective clothing

8.2.5 Body protection:

Not necessary

8.2.6 Engineering Measures

Provide adequate general and local exhaust ventilation.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

9.1.1 Appearance:

Form:	Solid plastic articles
Colour:	White, Black, Grey, Brown, Caramel, Sand or Terracotta
Odour:	Odourless
Flash point:	>350°C
Decomposition Temperature:	>110°C
Relative Density:	Approx. 1.45
Solubility:	Insoluble in water

SECTION 10: STABILITY AND REACTIVITY

10.1 REACTIVITY

10.2 CHEMICAL STABILITY

Stable under normal temperature conditions and recommended use.

10.3 THERMAL DECOMPOSITION/CONDITIONS TO BE AVOIDED

No further relevant information available.

10.4 POSSIBILITY OF HAZARDOUS REACTIONS

No further relevant information available.

10.5 CONDITIONS TO AVOID

Avoid excessive heat for prolonged periods of time.

10.6 INCOMPATIBLE MATERIALS

No further relevant information available.

10.7 HAZARDDOUS 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.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 ACUTE TOXICITY

11.2 PRIMARY IRRITANT EFFECT

11.2.1 on the skin:

No harmful effects expected

11.2.2 on the eye:

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Dust formed during cutting may cause irritation.

11.2.3 Sensitization:

Material is practically inert from a physiological point of view.

11.2.4 Inhalation:

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

11.2.4 Ingestion:

No harmful effects expected.

11.3 ADDITIONAL TOXICOLOGICAL INFORMATION

No further relevant information available.

SECTION 12: ECOLOGICAL INFORMATION

12.1 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.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 WASTE TREATMENT METHODS

13.1.1 Recommendations

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.

13.2 UNCLEANED PACKAGING

13.2.1 Recommendation

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.

SECTION 14: TRANSPORT INFORMATION

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

SECTION 15: REGULATORY INFORMATION

15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

15.2 LABELLING ACCORDING TO EU REGULATIONS

The product has been classified as non hazardous to the latest EEC regulations.

15.3 CODE LETTER AND HAZARD DESIGNATION OF PRODUCT

15.4 RISK PHRASES

Not classified

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15.5 SAFETY PHRASES

P13 Safety data sheet available for professional user on request.

15.6 EU DIRECTIVES

CLP Regulations.

Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

15.7 APPROVED CODE OF PRACTICE

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

15.8 GUIDANCE NOTES

Workplace Exposure Limits EH40.

SECTION 16: OTHER INFORMATION

The safety data sheet has been complied using current information supplied by the distributors of the raw materials. For further information consult the product data sheet or contact FloPlast's Technical Department.

Issued By	Neil Harrison
Department	Quality/Environmental/Health and Safety
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Revision	3

Risk Phrases in Full

NC Not classified.

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.