



SAFETY DATA SHEET PVC-UE FOAM BOARD

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

1.1 PRODUCT IDENTIFIER

PRODUCT NAME CELLULAR FOAM BOARD
PRODUCT No. FloPlast PVC-UE ROOFLINE WINDOW SYSTEMS

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

APPLICATION OF THE SUBSTANCE / PREPERATION PVC-UE ROOFLINE AND WINDOW BOARD

1.3 DETAILS OF THE SUPPLIER

SUPPLIER FloPlast LTD
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01795 431731
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SECTION 2: HAZARD IDENTIFICATION

CLASIFICATION OF SUBSTANCES

PVC-UE boards as finished product are not regarded as hazardous to health in a solid state, 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. For any high speed cutting or machining local exhaust ventilation, LEV is recommended to remove fumes and dust.

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 H-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.
A possible risk of irritation to the skin.
Remove heavily contaminated clothing, wash skin with soap and dry water,
Seek medical attention if any discomfort develops.

After eye contact: Contact lenses should be removed.
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.
Wash out mouth with water then drink plenty of water.
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 alcohol-resistant foam, CO2 blanket, water spray mist.

Do not use high-pressure inert gas or high pressure water jets.

5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

Fire will produce dense black smoke containing hazardous products of combustion (see section 10).

Danger from hydrogen chloride released in any fire involving PVC/

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

Fire fighters should wear acid resistant clothing and self contained breathing apparatus.

5.4 ADDITIONAL INFORMATION

Beware, risk of formation of toxic and corrosive gases.

As soon as possible after fire, ventilate area thoroughly and wash down area and exposed steelwork to prevent corrosion from acid gases (hydrogen chloride).

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY 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

Collect dust mechanically.

Dispose of dust under duty of care licensed contractors.

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

As solid board the hazard designation is void.

Avoid dust formation if cutting, if product is abraded, machined or polished

Local exhaust ventilation, LEV, is recommended to remove fumes and dust.

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.

Good housekeeping standards and regular safe removal of waste materials will minimise the risks of fire hazards.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Products should preferably be stored in dry covered conditions away from direct sources of heat, including sunlight.

The boards should be fully supported or have supports at Max. 1.0mtr centres.

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.

No smoking.

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	
Poly Vinyl Chloride - Total Inhalable Dust	WEL		10 mg/m ³		20 mg/m ³
Poly Vinyl Chloride - Total Respirable Dust	WEL		4 mg/m ³		
Hydrogen Chloride (Gas & Aerosol Mist) R23 & R35	WEL	1 ppm	2 mg/m ³	5 ppm	8 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. Where prolonged exposure to dust is an issue and local exhaust ventilation is not sufficient use a dust mask with a P2 filter for breathing protection.

8.2.3 Protection of hands:



Protective gloves recommended

For prolonged or repeated skin contact or carrying board with sharp edges 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

If dusts are generated when using this product, avoid inhalation of dusts. Where reasonably practicable, this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of dust below the relevant occupational exposure limit, suitable respiratory protective equipment should be worn.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

9.1.1 Appearance:

Form:	Solid boards
Colour:	White, Filmed in Mahogany, Golden Oak, Black Ash or Rosewood
Odour:	Odourless
Flash point:	>350°C
Melting Point:	< 180°C
Relative Density:	Approx. 1.45
Solubility:	Insoluble in water
Inflammable:	Not inflammable

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 HAZARDOUS DECOMPOSITION PRODUCTS

None under normal conditions.

Thermal decomposition or combustion may liberate carbon dioxide, carbon monoxide, hydrogen chloride and oxides of nitrogen 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:

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.

Do not incinerate.

13.2 UNCLEARED 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****15.3 CODE LETTER AND HAZARD DESIGNATION OF PRODUCT****15.4 HAZARD PHRASES**

H331

Danger



GHS06

15.5 SAFETY PHRASES

Not classified.

15.6 EU DIRECTIVES

CLP Regulation.

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 compiled 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
Revision Date 10th June 2016
Revision 4

Hazard Phrases in Full

H331 Danger



GHS06

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

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