

1. PRODUCT AND ORGANISATION

Name of the product: **POLYLIT**

Use: Natural lighting (see the technical information for consulting more details)

Manufacturer: STABILIT Europa, s.l.u.
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 08130 Santa Perpètua de Mogoda BARCELONA

2. COMPOSITION

Components: Fibreglass reinforced polyester resin sheet with gel-coat.

CHEMICAL COMPONENTS	NUMBER C.A.S.	Percentage by weight %	CLASSIFICATION AND IDENTIFY
Mixture of polyester resin with styrene	---	65-75 %	---
Fibreglass	---	25-35 %	---

Dangerous components: There aren't dangerous components when the product is produced.

3. HAZARDS

Main hazards ---

4. FIRST AID

Inhalation: ---

Skin contact: You must wash the hands and the arms with water and soap.

Eye contact: The dust is generated by cutting the roof lights specimens. You must wash your eyes with water.

Ingestion: ---

5. TO EXTINGUISH THE FIRE

Exinction measures: Water, sprayed water, foam, CO₂, dry foam.

6. IN CASE OF ACCIDENTAL SPILL

Individual precautions: ---

Environment precautions: ---

Clean Method: ---

7. MANIPULATION AND STORAGE

Manipulation

Technical measures: Anything specificated.

Precaution: To wear gloves to avoid the cuttings with the fibreglass in the edges of the sheets.

Installation advice: The maximum distance between purlins depends on the profile and its admissible charge, but in any case, it must not be longer than 1,5 m.

Is not allowed to step directly on the sheets. You must step on sticks or something like them to avoid any damage on the product and to increase the workers safety.

Storage

Technical measures: Anything specificated.

Storage conditions: The roof lights must be under cover

Incompatible materials: None

Materials for packaging: Cardboard

Advices: Anything specificated.

8. CONTROL / INDIVIDUAL PROTECTION

Technical measures: To use saws of diamond disc for cutting the product.

Kits for individual protection

-Respiratory protection: It's recommended to wear a mask against the dust that is generated while the sheets are being cut.

-Hands protection: Gloves

-Body protection: Work clothes

-Eyes protection: When necessary (during the cutting), you must wear protection glasses.

Hygienic measures: After contact with the product, you must wash your hands with water and soap.

9. MECHANICAL AND CHEMICAL PROPERTIES

Condition: Solid

Shape: Sheets

Colour: Various

Smell: ---

pH: ---

Softening temperature: About 190 °C

Explosive properties: ---

Density: 1,5 – 1.8 g/cm³

Solubility in water: ---

10. STABILITY

Stability: Thermal expansion coefficient $3.5 \cdot 10^{-5} \text{ K}^{-1}$

Dangerous reactions: ---

Decomposition

dangerous components:

There aren't dangerous components of decomposition in standard conditions.

11. TOXICOLOGIC INFORMATION (hazards associated with)

Acute toxicity: ---

Chronic toxicity: ---

Effects:

Inhalation: ---

Skin contact: To feel temporary itch or have red stains, caused by the dust of cutting or the direct contact with the fibre glass.

These effects disappear in a few hours.

Eye contact: To feel temporary itch.

Ingestion: ---

12. ECOLOGIC INFORMATION

There is no hazard for the environment when the product is installed in buildings.

13. DISPOSING

Disposing of the rubbish: Disposing the products into a rubbish skip.

Packaging materials: Disposing the products into a rubbish skip.

These materials can be disposed in dumps.

14. TRANSPORT INFORMATION

European or international directive: There isn't any directive about the transport of this kind of product.

15. DIRECTIVES INFORMATION

Polylit is manufactured in accordance with the EN 1013-2 standard.

16. OTHER INFORMATION

For more information, please contact with the manufacturer (see page 1)