

**CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH (COSHH)
SAFETY DATA SHEET FOR
E610 EVERBRIGHT POLYCARBONATE LIGHT PANELS**

The following information relates to the potentially hazardous nature of polycarbonate profiles which Everbright Roofing Systems Pty Ltd supply to your company.

Raw material composition:

The raw material used is Makrolon from Bayer which is a high molecular polycarbonate.

E610 Everbright consists of triple-skinned extruded tubes of polycarbonate joined together with locking bars to form flat or curved light panels. The panels are suitable for wall and roof cladding applications in all types of building.

Hazards:

- Under normal conditions of storage and once installed the products do not constitute a hazard.
- In handling and during installation laceration of the skin on the edges of the panels is possible.
- Panels are normally supplied palletised. Larger panels are heavy and injury may result from incorrect lifting or handling.
- Cutting panels is not normally necessary. However, cutting may cause swarf which could injure skin and eyes in particular.
- The panels do not support the spread of flame and will not ignite. If exposed to excessive temperatures polycarbonate Everbright can produce water and Carbon Dioxide as combustion by-products.
- Many roof sheets and rooflights are, or can become fragile with age. Following installation of an Everbright panel that panel will accept the live load of personnel provided it has been designed to accommodate the uniformly distributed loads expected for that application. Suitably prepared crawling boards or roof ladders should be used to avoid scratching the UV protection layer on the outer surface of the panel.

Precautions:

- Protective clothing, particularly gloves should be worn to avoid skin lacerations.
- Eye protection should be used when cutting.
- Handling panels and pallets should be in accordance with HSE recommendations.
- Panels and accessories should be installed in accordance with our recommendations and instructions.
- Do not use any high temperature equipment on or near the panels.
- Protection and signage in accordance with HSE recommendations.