

SAFTEY DATA SHEET

Revision Date: June 1, 2014
Revision Number: 2

1. IDENTIFICATION OF THE ARTICLE AND THE COMPANY

Trade Name:	Polygal
Product Name:	Polygal Multiwall PC Sheet
Product Description:	Polycarbonate Structured Multiwall Sheet
Recommended use:	General purpose polycarbonate sheet
Company:	Polygal Plastics Industries Ltd. Kibbutz Ramat Hashofet Israel 19283
Emergency Telephone Number:	+972-4-959-6222
Email:	sales@polygal.com

2. COMPOSITION / INFORMATION ON INGREDIENTS

Produced from polycarbonate granules (CAS# 25037-45-0).

Not a hazardous substance or preparation according to EC-directives: 67/548/EEC Classification, packaging and labeling of dangerous substances or 99/45/EC classification, packaging and labelling of dangerous preparations

3. HAZARDS IDENTIFICATION

If used as intended, this article does not have any special safety or health concerns
Precautions have to be taken when heating, cutting, drilling, etc.

4. FIRE-FIGHTING MEASURES

Auto-ignition Temperature:	630 °C (1166 °F), estimated
Suitable Extinguishing Media:	Water spray mist, carbon dioxide (CO ₂), powder or foam.

5. HANDLING AND STORAGE

Handling:	Handle in accordance with good industrial hygiene and safety practice. Provide for appropriate exhaust ventilation and dust collection when drilling, cutting, thermoforming.
Storage:	Keep tightly closed in a dry and cool place. Keep away from sunlight, heat and sources of ignition.

6. BASIC PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Solid
Appearance:	Hollow multi-wall sheet
Color:	Various
Odor:	None
Softening:	>145 °C
Auto-ignition Temperature:	630 °C (1166 °F) estimated
Water Solubility:	Insoluble
Specific gravity:	> 1,2; (water = 1)
VOC content (%):	Negligible

7. STABILITY AND REACTIVITY

Stability:	Stable at normal conditions.
Conditions to Avoid:	Avoid temperatures above 200°C. To avoid thermal decomposition, do not overheat. Heating can release hazardous gases.
Hazardous Decomposition Products:	Traces of phenol, alkylphenols, diarylcarbonates, hydrogen carbons,

8. DISPOSAL CONSIDERATIONS

Waste from residues / unused products:	Where possible recycling is preferred to disposal or incineration. Dispose of in accordance with local regulations.
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9. TRANSPORT INFORMATION

Transport Classification	Not regulated
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10: REGULATORY INFORMATION

Compliant with 2002/95/EC: "Restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS)"

Compliant with 2000/53/EC "End of life vehicles"

Compliant with Standard EN 16153 "Light transmitting flat multiwall polycarbonate (PC) sheets"

11. OTHER INFORMATION

This publication provides information and guidelines for safe handling and processing of Polygal PC multiwall sheets and is based on currently available experience and knowledge. It is not designed as a comprehensive product performance data sheet, nor as a guide to application possibilities of our materials. Users should follow all applicable local regulations governing Health and Safety at work, and are requested to pass this publication on to all relevant employees and customers.