

# ARTICLE SAFETY DATA SHEET

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## 1. IDENTIFICATION OF THE ARTICLE AND THE COMPANY

Trade Name:	LEXAN™ MRX
Product Name:	LEXAN™ SHEET
Product Description:	Polycarbonate
Recommended use:	LEXAN™ MARGARD™ MRX sheet is a transparent UV and mar resistant glazing material for flat applications only. The intrinsic properties of LEXAN polycarbonate combined with its dual hard coated surface provide: high impact strength and forced entry protection, graffiti resistance, enhanced chemical resistance, good all weather performance, unique ten (10) year warranty against breakage and five (5) year limited warranty against yellowing, loss of light transmission and coating failure. Typical applications can be sound-barriers, separations screens and flat glazing systems needing impact resistance combined with chemical and abrasion resistance.
Company:	SABIC Innovative Plastics BV Plasticslaan 1 P.O. Box 117 4600 AC Bergen Op Zoom The Netherlands
Emergency Telephone Number:	(+31) 164-292911 (24/24) Bergen op Zoom
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## 2. COMPOSITION / INFORMATION ON INGREDIENTS

Not a hazardous substance or preparation according to EC-directives: 67/548/EEC Classification, packaging and labelling 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 <sub>2</sub> ), powder or foam

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## 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:	Film
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:	Fire will produce dense black smoke containing hazardous combustion products, carbon oxides, hydrocarbons fragments.

## 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

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## 11. OTHER INFORMATION

LEXAN™ is a registered trademark of SABIC Innovative Plastics BV

**Prepared by:** SABIC's Specialty Film & Sheet Business

This publication provides information and guidelines for safe handling and processing of SABIC's film & sheet 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.

**END OF ARTICLE SAFETY DATASHEET**