

ARTICLE SAFETY DATA SHEET

1. IDENTIFICATION OF THE ARTICLE AND THE COMPANY

Trade Name:	LEXAN™ FR700
Product Name:	LEXAN™ FILM
Product Description:	Polycarbonate
Recommended use:	LEXAN™ FR700 is a black, one side fine matt, one side velvet flame-retardant polycarbonate film with a UL94 V-0 listing at 0.250 mm. This film has formability, excellent mechanical properties, good dimensional stability at high temperatures and a high flammability rating, making it good for applications such as power supply insulation, disc drive insulation, bus-bar insulation, TV/monitor insulation, PC board insulation, business equipment insulation and has insulation and EMI/RFI shielding when laminated with metal foil.
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
Email:	webinquiries@sabic-ip.com

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 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
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Storage:

when drilling, cutting, thermoforming.

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, hydrogen bromide

8. DISPOSAL CONSIDERATIONS

Waste from residues / unused products:

Where possible recycling is preferred to disposal or incineration. Dispose of in accordance with local regulations.

9. TRANSPORT INFORMATION

Transport Classification:

Not regulated.

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

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