

# ARTICLE SAFETY DATA SHEET

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## 1. IDENTIFICATION OF THE ARTICLE AND THE COMPANY

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|-----------------------------|--|
| Trade Name:                 | LEXAN™ 8B35E   |
| Product Name:               | LEXAN™ FILM  |
| Product Description:        | Polycarbonate  |
| Recommended use:            | LEXAN™ 8B35E Film is a transparent polycarbonate film, velvet on one side and very fine matte on the other, that offers excellent clarity, high heat resistance, and superior dimensional stability in all thicknesses. Lexan 8B35E Film can be printed using traditional solvent-based inks as well as IR and UV curing inks. It offers ease of processing for thermoforming, hydroforming, embossing, die-cutting and bending. Since the surface of Lexan 8B35E Film is low gloss, it is ideal for overlays, back-lit dials, second surface printed applications, dead-front graphics, display protection and poster protection. |
| Company:                    | SABIC<br>Innovative Plastics BV<br>Plasticslaan 1<br>P.O. Box 117<br>4600 AC Bergen Op Zoom<br>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 <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.<br>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. |
|---------------------------|----------------|

## 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**