



Advanced Packaging Films GmbH

Dow Value Park
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MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Polystyrene biax, BOPS-sheet, OPS-film
Trade Name: Dekaren
Product Use: Packaging
Manufacturer/Supplier: Advanced Packaging Films GmbH
Dow Value Park
Gebäude E 45
06258 Schkopau
Germany
Emergency Information: Phone +49-3461-547-0

2. COMPOSITION / INFORMATION ON INGREDIENTS

Main Component: Polystyrene (PS), CAS No. 9003-53-6
Additional Component: Copolymer Polystyrene-butadiene, CAS No. 9003-55-8



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3. HAZARDS IDENTIFICATION

Emergency Overview

Solid, flexible plastic sheet/film. Clear. Odourless. Dust or fines dispersed in the air can be explosive. This material burns vigorously and releases a dense, black, toxic smoke.

Dust can cause mechanical irritation of eyes, skin and respiratory tract. Contact with molten material can cause thermal burns.

Potential Health Effects

(if dust or fumes are generated by processing)

Eyes

Can cause mechanical irritation.

Skin

Can cause mechanical irritation. Contact with molten material can cause thermal burns.

Ingestion

Can cause irritation and intestinal obstruction.

Inhalation

Can cause irritation of upper respiratory tract.

Medical Conditions Aggravated by Exposure to the Product

Asthma, chronic lung disease and skin rashes.

4. FIRST AID MEASURES

First Aid: Eyes

Flush eyes with plenty of water or saline for at least 15 minutes. Consult a physician.

First Aid: Skin

Wash skin with soap and water for at least 15 minutes. Consult a physician if irritation persists. If molten material gets on skin, cool rapidly with cold water. Do not attempt to peel material from skin. Get medical treatment for thermal burn.

First Aid: Ingestion

Do not induce vomiting. Consult a physician immediately.

First Aid: Inhalation

Remove to fresh air. If unconscious or severely injured, check for clear airway, breathing and presence of pulse. Consult a physician.



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5. FIRE FIGHTING MEASURES

Flammable/
Combustible Properties

While not considered "flammable" or "combustible" the material will burn if ignited. Manual fire fighting may be difficult due to the presence of thick smoke. Dust or fines dispersed in the air can be explosive.

Fire/Explosion
Extinguishing Media

Use dry chemical, water spray (fog), alcohol-resistant foam or carbon dioxide extinguishing agents. Manual fire fighting may be difficult due to the presence of thick smoke.

Fire Fighting Equipment/
Instructions

Fire fighters should wear approved, positive pressure, self-contained breathing apparatus and full protective clothing when appropriate.

6. ACCIDENTAL RELEASE MEASURES

Small/Large Spill

Collect scrap for recycling.

7. HANDLING AND STORAGE

Handling/Storage

Avoid generating dust. Store away from heat, sparks, flames, oxidizers, and other incompatible substances.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls
Personal Protective Equipment
Respiratory Protection

Use with adequate ventilation.

Use approved respiratory protection as specified by an Industrial Hygienist or other qualified professional.

Eye Protection
Skin Protection
Exposure Guidelines

Wear safety glasses/goggles to avoid eye contact.

Wear appropriate gloves to avoid any skin injury.

No information available for product.



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9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Solid, sheet, film
Boiling Point	Not applicable
Vapour Pressure	Not applicable
Solubility in Water	Insoluble
pH Level	Not applicable
Odour Threshold	Not applicable
Appearance	Clear
Melting Point	Not determined
Vapour Density	Not applicable
Specific Gravity	> 1g/cm ³
Odour	Odourless
Octane-Water Coefficient	Not applicable

10. CHEMICAL STABILITY AND REACTIVITY INFORMATION

Stability	Stable under normal conditions of use, storage and transportation.
Conditions to Avoid	Strong oxidizing agents, heat and ignition sources.
Hazardous Decomposition	Carbon monoxide, carbon dioxide, partially oxidized organics, aldehydes and acrid smoke and fumes.

11. TOXICOLOGICAL INFORMATION

Health Effects of Ingredients	No information available for product.
Carcinogenicity	No information available for product.

12. ECOLOGICAL INFORMATION

Ecotoxicity	No information available for product. No ecotoxic data was found for this product's components.
Environmental Fate	No information available for product.



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13. DISPOSAL CONSIDERATIONS

Disposal Instructions

Reuse or recycle material whenever possible.
Material may be disposed of at a sanitary landfill.
According to the directive 91/158/CEE from 18
March 1991, 91/689/CEE from 12 December 1991,
94/62/CEE from 20 December 1994, last
modification of 5 February 1997.

14. REGULATORY INFORMATION

Not classified like dangerous (directive 1994/45/CE).

No request for special labelling.

15. OTHER INFORMATION

This material safety data sheet is in agreement to directive 2001/58/CE.