

MATERIAL SAFETY DATA SHEET



Nexterion® Block A

Author:	SCHOTT Technical Glass Solutions GmbH, Germany
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1 General Information

Manufacturer

SCHOTT Technical Glass Solutions GmbH
Otto-Schott-Straße 13
07745 Jena
Germany

Phone: +49-(0)3641-681-4069
Fax: +49-(0)3641-681-4970
E-Mail: coatedsubstrate@schott.com
www.schott.com/nexterion

Distributor for US, Canada, Mexico

Microarray Solutions
SCHOTT North America Inc.
5530 Shepherdsville Road
Louisville, KY 40228
USA

Phone: +1-502-6957-4417
Fax: +1-502-966-4976
E-Mail: coatedsubstrate@us.schott.com
www.us.schott.com/nexterion

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2 Composition / information on ingredients

Ingredient Name	Percent	CAS#	EC no
Water	> 89.75	7732-18-5	231-791-2
Sodium Citrate	< 5.0	6132-04-3	None
Sodium Chloride	< 5.0	7647-14-5	231-598-3
Sodium Dodecyl Sulfate	< 0.2	151-21-3	205-788-1

Symbols: Xn

R-Phrases: 21/22 36/37/38

Harmful in contact with skin and if swallowed. Irritating to eyes, respiratory system and skin.

Bovine Serum Albumin	< 0.05	9048-46-8	232-936-2
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3 Hazards identification

SPECIAL INDICATION OF HAZARDS TO HUMANS AND THE ENVIRONMENT

Not hazardous according to Directive 67/548/EEC .

4 First Aid Measurements

AFTER INHALATION

If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, call a physician.

AFTER SKIN CONTACT

In case of skin contact, immediately wash skin with soap and copious amounts of water.

AFTER EYE CONTACT

In case of contacts with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

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AFTER INGESTION

If swallowed, wash out mouth with water provided person is conscious. Call a physician.

5 Fire-fighting measures

Extinguishing Media: Use dry chemical, carbon dioxide, water spray or foam.

Special Risks: Specific Hazards: Emits toxic fumes under fire conditions.

Special protective equipment for firefighters: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

6 Accidental Release Measures

Methods for cleaning up: Absorb on sand or vermiculite and place in a closed container, and hold for waste disposal. Ventilate area and wash spill site after material pick up is complete.

7 Handling and Storage

Handling: Avoid inhalation. Do not get in eyes, on skin, on clothing. Avoid prolonged or repeated exposure.

Storage: Store capped at 4°C. Keep tightly closed.

8 Exposure controls/personal protection

Engineering Controls: Mechanical exhaust required. Safety shower and eye bath required.

General Hygiene Measures: Wash thoroughly after handling.

Personal Protective Equipment:

Eyes: Chemical safety goggles

Skin: Wear appropriate protective gloves to prevent skin exposure.

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9 Physical and chemical properties

Physical state	liquid
Color	colorless
pH	N/A
BP/BP Range	N/A
MP/MP Range	N/A
Flash Point	N/A
Flammability	N/A
Autoignition Temp	N/A
Oxidizing Properties	N/A
Explosive Properties	N/A
Vapor Pressure	N/A
SG/Density	N/A
Partition Coefficient	N/A
Viscosity	N/A
Vapor Density	N/A
Saturated Vapor Conc.	N/A
Evaporation Rate	N/A
Bulk Density	N/A
Decomposition Temp	N/A
Solvent Content	N/A
Surface Tension	N/A
Conductivity	N/A
Miscellaneous Data	N/A
Solubility	N/A

10 Chemical stability and reactivity

Chemical stability: stable under normal conditions.

Conditions to avoid: Strong oxidizing agents

Incompatibilities with other materials: none reported

Hazardous decomposition products: Nature of decomposition products not known.

hazardous Polymerization: will not occur

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11 Toxicological information

SIGNS AND SYMPTONES OF EXPOSURE

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

ROUTE OF EXPOSURE

Skin contact: May cause skin irritation.

Skin absorption : May be harmful if absorbed through the skin.

Eye contact: May cause severe eye irritation.

Inhalation: May be harmful if inhaled. Vapor or mist may be irritating to the mucous membranes and upper respiratory tracts.

Ingestion: May be harmful if swallowed.

12 Ecological information

No information available.

13 Disposal Considerations

Disposal instructions: Waste must be discarded in accordance with all federal, state, provincial, and local regulations. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

14 Transport information

RID/ADR Non-hazardous for road transport

IMDG Non-hazardous for sea-transport

IATA Non-hazardous for air-transport

15 Regulatory information

Not hazardous according to Directive 67/548/EEC

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16 Other Information

The information contained herein is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product. The Schott Jena^{er} Glass GmbH shall not be held liable for any damage resulting from handling or from contact with the above product.

Disclaimer: For Research and development use only. Not for drug, household or other uses.