

Material safety data sheet

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Product name: ELBE Pool Surface reinforced membranes including
Classic (SBG 150)*, Classic Non-Slip (STG 200)*, SUPRA, PEARL,
ISLAND DREAMS, elite®, elite® Non-Slip, ULTIMATE BORDER
**old product name*

1. 1 Chemical characterisation: flexibilizer containing PVC with colour pigments,
reinforced by polyester-textile

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|---------------------|------------|
| <u>1. 2 Form:</u> | solid foil |
| <u>1. 3 Colour:</u> | colored |
| <u>1. 4 Odour:</u> | no |

2. Physical and safety-engineering declaration:

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| <u>2. 1 Change of state:</u> | Area of melting temp. 150 bis 170 °C |
| <u>2. 2 Density (20°C):</u> | 1,3 - 1,4 g/cm ³ |
| <u>2. 3 Solubility in water:</u> | not soluble |
| <u>2. 4 Self-flammability:</u> | not self inflammable |
| <u>2. 5 Flashpoint:</u> | undefined |
| <u>2. 6 Danger of explosion:</u> | not explosive |
| <u>2. 7 Pyrolysis:</u> | } at appropriate storage and use |
| <u>2. 8 Dangerous products by pyrolysis:</u> | } no pyrolysis or dangerous reactions |
| <u>2. 9 Dangerous reactions:</u> | } |
| <u>2.10 Further declarations:</u> | under unfavourable conditions, especially at low moisture, while uncoiling foil can have static electricity → Be aware of flammable gases and steam ! |

3. Transport: ELBE is no hazardous material

4. Regulations:

ELBE is considering available data no dangerous preparation in the sence of GHS
ELBE complys international standards and directives of the EU concerning
limitation of the contents of monomer Vinylchlorid (<1 ppm)
ELBE basic line and premium line does not comply with California Prop. 65 (containing
DINP)

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5. Protective measures, storage, usage:

- 5.1 Technical protective measures: at thermic processing good ventilation of the work stations is to assure
- 5.2 Personal protective measures: at ambient conditions not necessary
(inhalation protection, gloves, eye protection, etc.)
- 5.3 Work hygiene: no specific measures necessary
- 5.4 Protection of fire and explosions: no specific measures necessary, it is recommended to follow the common rules of fire prevention
- 5.5 Disposal: Recycling is possible,
ELBE can be landfilled as domestic refuse under attending local magister. regulations

6. Measures in case of accidents or average:

- 6.1 after spilling/bottoming out/gaseous emission: -
- 6.2 Applicative extinguishing agents: water, foam, CO₂, solid extinguishing agent
- 6.3 First aid:
- 6.4 Further declarations: PVC causes in high temperatures emission of HCl, by pyrolysis ignitable und corrosive compounds can be generated

7. Declarations to toxicology:

At appropriate use of ELBE no marring effects could be founded
ELBE complies the EU norm EN 71 part 3 for safety of playthings
concerning the migration of metals

8. Declarations to ecology:

From information by the raw material producers is known, that all used flexibilisers did not cause annoyances in adapted biologic clarification plants.
According to declarations of PVC-producers no ecologically harmful effects are known by PVC.

9. Further advices:

All declarations rely on current standards of knowledge and experience.
This material safety data sheet is provided for description of the products especially security requirements. These declarations are no assurances for all characteristics.

This safety data sheet has technical character and the product data are not in accordance to the demands for safety data sheets acc. to EU-REACH-directive art. 29 for substances and preparations.