



# LENDERINK TECHNOLOGIES and Associates

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## GREENBOARD COMPOSITE Safety Data Sheet

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

- 1.1 Product identifier**  
Pop Foam
- 1.2 Relevant identified uses of the substance or mixture and uses advised against**  
**Relevant identified uses of the substance or mixture**  
Structural foam core for sandwich applications. Welded foam, providing structural integrity.  
**Uses advised against**  
No data available
- 1.3 Details of the supplier of the safety data sheet**  
**Address**  
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### SECTION 2: Hazards identification

- 2.1 Classification of the substance of mixture**  
**Classification information**  
This product does not meet the classification and labeling criteria given in the Regulation (EC) No 1272/2008 (CLP).
- 2.2 Label elements**  
Not relevant
- 2.3 Other hazards**  
The product may contain residual amounts of blowing agent (hydrocarbon).  
The product may contain residual PET dust during post-operations (e.g. cutting, milling, grinding).

### SECTION 3: Composition/information on ingredients

- 3.1 Substances**  
Not applicable
- 3.2 Mixtures**  
**Chemical characterization**  
Polyethylene Terephthalate Foam  
**Hazardous ingredients**  
This product does not contain substances to be mentioned according to EU Regulation No 1907/2006 (REACH), annex II.

### SECTION 4: First aid measures

- 4.1 Description of first aid measures**



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### General information

In case of persisting adverse effects, consult a physician. Remove contaminated clothing and shoes and launder thoroughly before reusing.

### After inhalation

Ensure supply of fresh air.

### After skin contact

When in contact with skin, clean with soap and water.

### After ingestion

Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person. Do not induce vomiting.

### 4.2 Most important symptoms and effects, both acute and delayed

No data available.

### 4.3 Indications of any immediate medical attention and special treatment needed

No data available.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing media

Foam; Water spray jet; Extinguishing powder; Carbon dioxide

#### Unsuitable extinguishing media

High power water jet

### 5.2 Special hazards arising from substance or mixture

In the event of fire, the following can be released: Carbon monoxide and carbon dioxide

### 5.3 Advice for firefighters

In case of combustion use a suitable breathing apparatus.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

#### For non-emergency personnel

Refer to protective measures listed in sections 7 and 8.

#### For emergency responders

Personal protective equipment (PPE) – see section 9.

### 6.2 Environmental precautions

**Do not discharge into the drains/surface waters/groundwater.**

### 6.3 Methods and material for containment and cleaning up

Take up mechanically. When collected, handle material as described under section heading "Disposal considerations"

### 6.4 Reference to other sections

No data available

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

#### General protective and hygiene measures

Do not eat, drink or smoke during work time. Keep away from food, drink and animal feeding stuffs. Wash hands before breaks and after work. Remove soiled or soaked clothing immediately. Do not inhale dust. Avoid contact with eyes.

#### Advice on protection against fire and explosion

No special measures necessary



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### 7.2 Conditions for safe storage, including any incompatibilities

#### Technical measures and storage conditions

Keep container tightly closed and dry in a cool, well-ventilated place. Protect from heat and direct sunlight. Danger of electrostatic charges when stored in very dry areas.

### 7.3 Specific end use(s)

No data available.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

No parameters available for monitoring.

### 8.2 Exposure controls

#### Appropriate engineering controls

No data available

#### Personal protective equipment

##### Respiratory protection

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of dust formation, take appropriate measures for breathing protection in the event that workplace threshold values are not specified.

##### Eye / face protection

Safety glasses (EN 166)

##### Hand protection

In case of intensive contact, wear protective gloves (E 374). Before use, the protective gloves should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

<b>Form/Color</b>
solid
white; green
<b>Odor</b>
odorless
<b>Odor threshold</b>
No data available
<b>pH value</b>
No data available
<b>Boiling point / boiling range</b>
No data available



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<b>Melting point / melting range</b>	
Value	250°C
Method	ISO 11357-3
<b>Decomposition point / decomposition range</b>	
Value	350°C
Method	ISO 11358
<b>Flash point</b>	
No data available	
<b>Auto-ignition temperature</b>	
No data available	
<b>Oxidizing properties</b>	
No data available	
<b>Explosive properties</b>	
No data available	
<b>Flammability (solid, gas)</b>	
No data available	
<b>Lower flammability or explosive limits</b>	
No data available	
<b>Upper flammability or explosive limits</b>	
No data available	
<b>Vapor pressure</b>	
No data available	
<b>Vapor density</b>	
No data available	
<b>Evaporation rate</b>	
No data available	
<b>Relative density</b>	
No data available	
<b>Density</b>	
Value	50 - 350 kg/m <sup>3</sup>
Reference temperature	20 °C
Method	ISO 845



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<b>Solubility in Water</b>		
Reference temperature	20	°C
Comments	insoluble	

<b>Solubility(ies)</b>
No data available

<b>Partition coefficient: n-octanol/water</b>
No data available

<b>Viscosity</b>

### 9.2 Other information

<b>Other information</b>
No data available

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No data available

### 10.2 Chemical stability

Stable under recommended storage and handling conditions (See section 7).

### 10.3 Possibility of hazardous reactions

None, when used as directed.

### 10.4 Conditions to avoid

Contact with open flames.

### 10.5 Incompatible materials

No data available

### 10.6 Hazardous decomposition products

Carbon dioxide; Carbon monoxide; acetaldehyde; acidic gases/vapors

## Section 11: Toxicological information

### 11.1 Information on toxicological effects

<b>Acute oral toxicity</b>
No data available

<b>Acute dermal toxicity</b>
No data available



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<b>Acute inhalation toxicity</b>
No data available
<b>Skin corrosion/irritation</b>
No data available
<b>Serious eye damage/irritation</b>
No data available
<b>Respiratory or skin sensitization</b>
No data available
<b>Germ cell mutagenicity</b>
No data available
<b>Reproduction toxicity</b>
No data available
<b>Carcinogenicity</b>
No data available
<b>STOT – repeated exposure</b>
No data available
<b>STOT – single exposure</b>
No data available
<b>Aspiration hazard</b>
No data available

### SECTION12: Ecological information

#### 12.1 Toxicity

<b>Toxicity to fish (acute)</b>
No data available
<b>Toxicity to fish (chronic)</b>
No data available
<b>Toxicity to Daphnia (acute)</b>
No data available
<b>Toxicity to Daphnia (chronic)</b>
No data available



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<b>Toxicity to algae (acute)</b>
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No data available
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<b>Toxicity to algae (chronic)</b>
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No data available
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<b>Bacteria toxicity</b>
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No data available
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**12.2 Persistence and degradability**

No data available

**12.3 Bio-accumulative potential**

No data available

**12.4 Mobility in soil**

No data available

**12.5 Results of PBT and vPvB assessment**

No data available

**12.6 Other adverse effects**

No data available

### SECTION 13: Disposal considerations

**13.1 Waste treatment methods**

**Product**

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

**Packaging**

Residuals must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.

### SECTION 14: Transport information

**14.1 Transport ADR/ADN**

The product is not subject to ADR/AND regulations.

**14.2 Transport IMDG**

The product is not subject to IMDG regulations

**14.3 Transport ICAO-TI / IATA**

The product is not subject to ICAO-TI / IATA regulations.

**14.4 Other information**

No data available

**14.5 Environmental hazards**

Information on environmental hazards, if relevant, please see 14.1 – 14.3.

**14.6 Special precautions for user**

No data available

**14.7 Transport in bulk according to Annex II of Marpol and the IBC Code**

Not relevant



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### SECTION 15: Regulatory information

#### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture EU regulations

<b>Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorization)</b>
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According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorization as listed on Annex XIV of the REACH regulation (EC) 1907/2006
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<b>REACH candidate list of substances of very high concern (SVHC) for authorization</b>
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According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorization) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006
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<b>Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, MIXTURES AND ARTICLES</b>
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According to the data and/or specifications supplied by upstream suppliers, this product does not contain any substances subject to restriction as listed in Annex XVII of the REACH regulation (EC) 1907/2006.
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<b>Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances</b>
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This product is not subject to Part 1 or 2 of Annex I.
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<b>Other regulations</b>
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Adhere to the national sanitary and occupational safety regulations when using this product.
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#### 15.2 Chemical safety assessment

No data available

### SECTION 16: Other information

#### Sources of key data used to compile the data sheet:

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

Directives 2009/39/EC, 2006/15/EC, 2009/161/EU, (EU) 2017/164

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and exotoxic data, are indicated directly in the corresponding section.

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