



SAFE USE INSTRUCTION SHEET

TROCELLEN FOAM PRODUCTS

POLIFOAM FOAM PRODUCTS

- Trocellen Classic
- Trocellen Vertical
- Trocellen Bloc
- Polifoam (Only main product group)
- Polifoam (Only main product group)

INTRODUCTION

The European Regulation (ER) on Chemicals No. 1907/2006 (REACH) enforced on June 1st, 2007 does only require Safety Data Sheet (SDS) for hazardous substances and preparations. TROCELLEN foam products are classified as articles and not as hazardous substances and preparations. Therefore the REACH requirements for SDS are not applicable. The Troc ellen Group will however continue to communicate to its customers, the appropriate information for assuring the safe handling and use of TROCELLEN / POLIFOAM foam products.

1. PRODUCT AND COMPANY IDENTIFICATION

Name of product group TROCELLEN / POLIFOAM

Manufacturer / Distributor

Germany	TROCELLEN GmbH Mülheimer Straße 26, D-53840 Troisdorf Phone +49 (0) 2549 000 Fax +49 (0) 2549 099
Italy	TROCELLEN Italia S.p.A. Via dei Dossi 7/9 S.S. 525 del Brembo 24040 Osio Sopra (BG) Phone +39 035 50 7011 Fax +39 035 50 2174
Spain	TROCELLEN Ibérica S.A. C/Avila, s/n 28804 Alcalá de Henares Phone +34 91 885 55 00 Fax +34 91 885 55 01
Hungary	POLIFOAM Plastic Processing Co.Ltd. Táblás u. 32. 1097 Budapest Phone +36 1 3479800 Fax +36 1 2806708

1. PRODUCT AND COMPANY IDENTIFICATION

Emergency advice - The numbers are only available at office hours.

Germany	TROCELLEN GmbH Phone +49 (0) 2241 2549 000 Fax +49 (0) 2241 2549 099
Italy	TROCELLEN Italia S.p.A. Phone +39 035 507011 Fax +39 035 502174
Spain	TROCELLEN Ibérica S.A. Phone +34 91 885 55 00 Fax +34 91 885 55 01
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Recommended intended purpose(s) Insulation-, cushioning- and construction material for different applications like buildings, motor vehicles, packaging and sport.

2. HAZARDS IDENTIFICATIONS

With regard to its composition, this product is not classified as hazardous according to European Directive 1272/2008.

This section identifies the potential hazards related to the article i.e. its shape, its dimensions and other physical characteristics

Fire hazard	In the event of fire dangerous gases and smoke can be released. (see point 5.)
Electrostatic discharge	During handling TROCELLEN / POLIFOAM foam could be electrostatically charged by friction. The static discharge may generate sparks.

3. COMPOSITION / INFORMATION ON INGREDIENTS

TROCELLEN / POLIFOAM foam products are articles in the meaning of REACH (1907/2006/ER).

TROCELLEN / POLIFOAM foam products are based on crosslinked polyolefines. No halogenated or partially halogenated blowing agents are used for the production . The material composition varies with the usage of different additives like colours, UV- stabilizers, Flame retardants for the different applications. Flame retardant foam types (TROCELLEN F/ POLIFOAM NF) contain small quantities of Antimony trioxide and Bromine compounds.

4. FIRST AID MEASURES

In case of inhalation	In case of upper respiratory tract irritation due to breathing of decomposition products move concerned persons to fresh air. If symptoms persist, call a physician. Administer artificial respiration if breathing is stopped. Call for prompt medical attention.
Skin contact	For hot product, immediately immerse in or flush the affected area with large amounts of cold water. Call for prompt medical attention. No attempt should be made to remove material from skin or to remove contaminated clothing.
In case of ingestion	If swallowed seek medical advice immediately and show the doctor the package or label.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	Dry powder Carbon dioxide Water spray jet
Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases	In the event of fire the following can be released: Carbon monoxide (CO) Carbon dioxide (CO ₂) Hydrogen bromide (HBr) if F-type foam Under certain fire conditions traces of other toxic substances cannot be excluded.
Special protective equipment for fire-fighters	Use breathing apparatus with independent air supply.

6. ACCIDENTAL RELEASE MEASURES

Methods for cleaning up	Take up mechanically.
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7. HANDLING AND STORAGE

Advice on protection against fire and explosion	The product is combustible During handling TROCELLEN / POLIFOAM foam could generate an electrostatic charge which could give rise to an explosion if adjacent to ignitable material such as solvent vapors or dust laden air. Therefore note the presence of grounding measures.
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7. HANDLING AND STORAGE

Storage class 11

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

General protective measures Avoid contact of molten material with skin.
For processing above the melting point of the polymer please take care for very well ventilated rooms.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Solid	
Colour	Coloured	
Odour	Hardly noticeable	
Melting point	105 - 110 °C	
Flash point	420 - 440 °C	ASTM 1929
Ignition temperature	430 - 450 °C	DIN 54836
Density	0,025 - 0,3 g/cm ³ at 23 °C	DIN 53420
Solubility in water	insoluble	

10. STABILITY AND REACTIVITY

Stability Stable under common storage and handling conditions.

Hazardous decomposition products See point 5. concerning hazardous combustion products in case of fire.

11. TOXICOLOGICAL INFORMATION

Additional information No indications on irritability and sensitization; only hardly noticeable odor.

12. ECOLOGICAL INFORMATION

General regulation Because of insolubility in water details are impossible to determinate.

13. DISPOSAL CONSIDERATIONS

Waste code No.	07 02 13
Name of waste	Waste plastic
Recommendations for the product	Can be disposed of together with household refuse in accordance with the regulations and on consultation with the disposal agency and the relevant authorities. Can be incinerated together with household refuse in accordance with the regulations and on consultation with the disposal agency and the relevant authorities.

14. TRANSPORT INFORMATION

Transport/ further information	No hazardous material as defined by the prescriptions.
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15. REGULATORY INFORMATION

Remarks for classification	The product does not require a hazard warning label in accordance with EC Directives / German regulations on dangerous substances
National regulations	
Water hazard class	Non-hazardous to waters (Germany)

16. OTHER INFORMATION

Recommended uses and restrictions	It is the responsibility of the customer to advise the local (in writing) TROCELLEN / POLIFOAM Sales Contact when end products are intended for use in special applications like food packaging, toys or medical products in order to ensure that the correct product variant is supplied.
Further information	Although the information and recommendations set forth herein are presented in good faith and believed to be correct as of the date hereof, our company makes no representations as of the completeness or accuracy thereof information is supplied upon the condition that persons receiving the same will make their own determination as to safety and suitability for their purposes prior to use. In no event will our company be responsible for damages of any nature whatsoever resulting from the use of reliance upon information. No representations of warranties either expressed or implied, or merchantability, fitness for a practical purpose or of any other nature, are made hereunder with respect to information or the product to which the information refers.