

SAFETY DATA SHEET

Reviewed on: 15th March 2016



1. IDENTIFICATION OF SUBSTANCE

Product details

Trade name:

TROCELLEN PE FOAM: ALL THE FLAME RETARDANT (F2, F4, F10) TYPES – N, W3C, WB, H25, QX

Article number HT-157/2

Manufacturer / Supplier **TROCELLEN S.E.A SDN BHD**
Lot 2213, Batu 9 Kebun Baru, Jalan Kasawari,
42500 Telok Panglima Garang,
Selangor Darul Ehsan, Malaysia.
Tel.:+603-3122 1213
Fax:+603-3122 1211

Information See Chapter 16 (contact)

Emergency information See manufacturer / supplier

2. HAZARDS IDENTIFICATION

Hazard designation This product is not classified as hazardous.

3. COMPOSITION / DATA ON COMPONENTS

Chemical characterization

Description Cross-linked foam based on Polyolefin (PE, PP, co-PE, EPDM etc)

Components 1309-64-4, antimony trioxide 1 - 5%
Xn; 40

4. FIRST AID MEASURES

Skin contact After contact with the molten product, cool rapidly with cold water. Call for prompt medical attention. No attempt should be made to remove material from skin or to remove contaminated clothing.

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Eye contact	Flush particles from eyes with clean flowing water for several minutes. Seek medical attention if discomfort persists.
Ingestion	If ingested, seek medical attention immediately.
Inhalation	In case of upper respiratory tract irritation due to breathing of decomposition products, move concerned person to fresh air. Seek medical advice if breathing difficulty persists.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing agents	Carbon dioxide, extinguishing powder or water jet. Fight larger fire with foam.
Special hazards caused by the material, its product of combustion or resulting gases	Formation of toxic gases is possible during heating or in case of fire
Protective equipment	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

<u>Handling</u> Information for safe handling	Prevent formation of dust.
Information about protection against explosions and fires	Keep breathing equipment ready.

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Storage

Requirements to be met by store rooms and containers No special requirements.

Further information about storage conditions None.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

General protective and hygienic measures Avoid skin contact with the liquefied material.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form Solid in various forms
Colour According to product specification
Odour Odourless

	Value/Range	Unit	Method
Change in condition			
Melting point/melting range	105 – 110	°C	
Flash point	420 – 440	°C	ASTM 1929
Ignition temperature	430 – 450	°C	DIN 54836
Density (at 23 °C)	0,025 – 0,3	g/cm3	DIN 53420

Solubility in/miscibility with water: Insoluble

10. STABILITY AND REACTIVITY

Thermal decomposition / condition to be avoid No decomposition if used according to specifications.

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Dangerous products of decomposition	Carbon monoxide Hydrogen bromide
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11. TOXICOLOGICAL INFORMATION

Primary irritant effect:	No irritant effect on the skin.
Additional toxicological information	When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

12. ECOLOGICAL INFORMATION

Ecological effects	Can be mechanically separated in sewage purification plants.
Ulterior indication	At present no eco-toxicological assessments are known.

13. DISPOSAL CONSIDERATION

Recommendation	Can be reused after processing. On the basis of the necessary technical regulations and after consultation with the disposal agent and the relevant authorities, can be deposited with domestic waste or incinerated with domestic waste.
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14. TRANSPORT INFORMATION

Transport / Additional information	Not dangerous good according to international transport regulations.
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15. REGULATORY INFORMATION

**Designation according
EC guidelines**

Labelling according to EEC Directives/Ordinance on
Hazardous Substances is not required.

16. OTHER INFORMATION

This data is based on our present knowledge. However, it shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Department issuing data specification sheet:

R & D Department –Trocellen GmbH

Tel: ++49 (0) 22 41/85-28 04

Fax: ++49(0) 22 41/85-37 53
