

Safety Data Sheet as per regulation (EC) 1907/2006

Commercial Product Name: **FBB Firestop Block**

Revision Date: 02.03.2015

Version: 1.1/en



Replaces version from: 29.01.2015

Print date: 02.03.2015

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

1.1 Product identifier

Commercial Product Name **FBB Firestop Block**

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses 2K PU foam with flame retardant

Recommended restrictions None under normal processing.

1.3 Details of the supplier of the safety data sheet

Company designation fischerwerke GmbH & Co. KG
Klaus-Fischer-Straße 1
D-72178 Waldachtal
Telephone: +49(0)7443 12-0
FAX: +49(0)7443 12-4222
Email: info-sdb@fischer.de

1.4 Emergency telephone number

Emergency telephone number +49(0)6132-84463 (24h)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 This product is classified as not hazardous according to regulation (EC) 1272/2008 [CLP].

Classification according to Directive 67/548/EEC / 1999/45/EEC This product is not classified as dangerous according to 67/548/EEC / 1999/45/EEC.

2.2 Label elements

Further information There is no requirement for the product to be specially labelled according to EC directives or the corresponding national laws.

SECTION 3: Composition/information on ingredients

Hazardous ingredients

Ingredient		Classification (EEC) No 67/548	Concentration
		Classification (EC) 1272/2008	
4,4'-methylenediphenyl diisocyanate, isomers and homologues	CAS No.: 9016-87-9	Carc.Cat.3; R40 R42/43 Xn; R20-48/20 Xi; R36/37/38 Resp. Sens. 1; H334 Carc. 2; H351 STOT RE 2; H373 Acute Tox. 4; H332 Skin Irrit. 2; H315 Eye Irrit. 2; H319 Skin Sens. 1; H317 STOT SE 3; H335	10.0 - 15.0 % by weight
	REACH No.: 01-2119457024-46		

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Ingredient		Classification (EEC) No 67/548	Concentration
		Classification (EC) 1272/2008	
Reaktionsmasse aus Propylenoxid und Phosphoroxychlorid	CAS No.: 1244733-77-4 EC-No.: 911-815-4 REACH No.: 01-2119486772-26	Xn; R22	1.0 – 5.0 % by weight
		Acute Tox. 4; H302	
Castor oil, sulfated, sodium salt	CAS No.: 68187-76-8 EC-No.: 269-123-7 REACH No.: 01-2119943732-36	Xi; R36	1.0 – 5.0 % by weight
		Eye Irrit. 2; H319	

Other data

Article

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice	If symptoms persist, call a physician. Remove/Take off immediately all contaminated clothing.
If inhaled	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
In case of skin contact	IF ON SKIN: Gently wash with plenty of soap and water.
In case of eye contact	In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
If swallowed	If swallowed, seek medical advice immediately and show this container or label. Clean mouth with water and drink afterwards plenty of water. Drink 1 or 2 glasses of water. Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms	No data available
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4.3 Indication of any immediate medical attention and special treatment needed

Immediate medical attention	No data available
Special medical treatment	No data available

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media	Carbon dioxide (CO2) Dry powder Foam Water spray jet
Extinguishing media which must not be used for safety reasons	High volume water jet

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5.2 Special hazards arising from the substance or mixture

Special exposure hazards arising from the substance or preparation itself, its combustion products, or released gases Heating or fire can release toxic gas.

5.3 Advice for firefighters

Special protective equipment for firefighting In the event of fire, wear self-contained breathing apparatus. In the event of fire and/or explosion do not breathe fumes.

Additional information on firefighting Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. Keep containers and surroundings cool with water spray. Container may rupture on heating.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions Ensure adequate ventilation, especially in confined areas. Keep people away from and upwind of spill/leak.

6.2 Environmental precautions

Environmental precautions The product should not be allowed to enter drains, water courses or the soil. Prevent spreading over a wide area (e.g. by containment or oil barriers).

6.3 Methods and material for containment and cleaning up

Methods for cleaning up Use mechanical handling equipment. Treat recovered material as described in the section "Disposal considerations".

6.4 Reference to other sections

Reference to other sections See chapter 8/13

6.5 Additional information

Other information Dispose of in accordance with local regulations.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling None under normal processing.

Advice on protection against fire and explosion No special precautions required.

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7.2 Conditions for safe storage, including any incompatibilities

Storage space and container requirements	Keep containers tightly closed in a cool, well-ventilated place. Store in accordance with local regulations. Keep only in original container.
Hints on storage assembly	Store in accordance with the particular national regulations.
German storage class	keine

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

8.2 Exposure controls

Respiratory protection	No personal respiratory protective equipment normally required.
Hand protection	not required under normal use
Suitable material:	butyl-rubber, Chloroprene, Nitrile rubber
Unsuitable material:	PVC disposable gloves
Material thickness:	adjust to application and duration of use
Break through time:	adjust to application and duration of use
Remarks:	Replace when worn. Request information on glove permeation properties from the glove supplier. Be aware that in daily use the durability of a chemical resistant protective glove can be notably shorter than the break through time measured according to EN 374, due to the numerous outside influences (e.g. temperature).
Eye protection	Tightly fitting safety goggles
Skin and body protection	Wear suitable protective equipment.
Note:	Choose body protection according to the amount and concentration of the dangerous substance at the work place.
General protective and hygiene measures	Smoking, eating and drinking should be prohibited in the application area. Avoid contact with skin, eyes and clothing. Take off all contaminated clothing immediately. Wash hands before breaks and at the end of workday. Keep away from food, drink and animal feedingstuffs. Use protective skin cream before handling the product.
Information on environmental protection regulations	No special environmental precautions required.

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form	mould
Colour	grey
Odour	odourless

SECTION 10: Stability and reactivity

10.1 Reactivity

Thermal decomposition No decomposition if stored and applied as directed.

10.2 Chemical stability

Chemical stability Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

Hazardous reactions No dangerous reaction known under conditions of normal use.

10.4 Conditions to avoid

Conditions to avoid No decomposition if used as directed.

10.5 Incompatible materials

Materials to avoid None known.

10.6 Hazardous decomposition products

Hazardous decomposition products No decomposition if used as directed.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Hazardous ingredients

4,4'-methylenediphenyl diisocyanate, isomers and homologues

Oral toxicity [mg/kg]	Test criterion	Test species	Remarks	Source
> 5000	LD50	rat	OECD 423	100

Source: 100 - 100

Dermal toxicity [mg/kg]	Test criterion	Test species	Source
> 5000	LD50	rabbit	100

Source: 100 - 100

Inhalative toxicity [mg/l]	Test criterion	Exposure duration	Source
1,5	LC50	4 h	100

Source: 100 - 100

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Irritant effect on the respiratory tract Irritant

Irritant effect on skin No skin irritation

Irritant effect on eyes No eye irritation

Sensitization No known effect.

11.2 Additional information

Other information (chapter 11.) There is no data available for this product.

SECTION 12: Ecological information

12.1 Toxicity

Hazardous ingredients

4,4'-methylenediphenyl diisocyanate, isomers and homologues

Toxicity to fish [mg/l]	Test criterion	Test species	Measuring method	Exposure duration	Source
> 100	LC50	Brachydanio rerio (zebra fish)	OECD Test Guideline 203	96 h	100

Source: 100 - 100

Toxicity to daphnia [mg/l]	Test criterion	Test species	Exposure duration	Measuring method	Source
> 1000	EC50	Daphnia magna (Water flea)	24 h	OECD Test Guideline 202	100

Source: 100 - 100

Toxicity to algae [mg/l]	Test criterion	Test species	Exposure duration	Source
> 1640	ErC50:	Scenedesmus subspicatus	72 h	100

Source: 100 - 100

NOEC (daphnia) [mg/l]	Test species	Measuring method	Exposure duration	Source
> 10	Daphnia magna (Big water flea).	OECD 202	21 d	100

Source: 100 - 100

Aquatic toxicity [mg/l] There are no data available on the mixture itself.

12.2 Persistence and degradability

Biodegradability

Remarks: No data available

12.3 Bioaccumulative potential

Bioaccumulation no data available

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12.4 Mobility in soil

Mobility

Mobility: No data available

12.5 Results of PBT and vPvB assessment

Results of PBT characteristics determination This preparation contains no substance considered to be persistent, bioaccumulating nor toxic (PBT).

12.6 Other adverse effects

Further information on ecology No information on ecology is available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Disposal considerations Dispose of waste according to applicable legislation. The product should not be allowed to enter drains, water courses or the soil.

Waste Code The following Waste Codes are only suggestions:
200000 – MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS
According to the European Waste Catalogue, Waste Codes are not product specific, but application specific.

Uncleaned empty packaging Dispose of as unused product.

SECTION 14: Transport information

	Land transport ADR/RID	Marine transport IMDG	Air transport ICAO/IATA
14.1 UN-No	Not applicable.	Not applicable.	Not applicable.
14.2 Description of the goods	Non-dangerous goods	Non-dangerous goods	Non-dangerous goods
14.2 UN proper shipping name		Non dangerous good	Non dangerous good
14.3 Transport hazard class(es)	Not applicable.	Not applicable.	Not applicable.
14.4 Packaging group	Not applicable.	Not applicable.	Not applicable.
14.5 Environmental hazards	Not applicable.	Not applicable.	Not applicable.
Proper shipping name	Non dangerous good		

14.6 Special precautions for user

Precautions not required under normal use

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14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code not applicable

14.8 Additional information

Other information (chapter 14.) Not dangerous goods in the meaning of ADR/RID, ADNR, IMDG-Code, ICAO/IATA-DGR

SECTION 15: Regulatory information

15.2 Chemical safety assessment

Safety assessment Not relevant. Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Relevant R-phrases R20: Harmful by inhalation.
R22: Harmful if swallowed.
R36: Irritating to eyes.
R36/37/38: Irritating to eyes, respiratory system and skin.
R40: Limited evidence of a carcinogenic effect.
R42/43: May cause sensitisation by inhalation and skin contact.
R48/20: Harmful: danger of serious damage to health by prolonged exposure through inhalation.

Relevant H-phrases H302: Harmful if swallowed.
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H319: Causes serious eye irritation.
H332: Harmful if inhaled.
H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335: May cause respiratory irritation.
H351: Suspected of causing cancer .
H373: May cause damage to organs through prolonged or repeated exposure .

Wording of the hazard classes Resp. Sens.: Respiratory sensitization
Carc.: Carcinogenicity
STOT RE: Specific target organ toxicity – repeated exposure
Acute Tox.: Acute toxicity
Skin Irrit.: Skin irritation
Eye Irrit.: Serious eye irritation
Skin Sens.: Skin sensitization
STOT SE: Specific target organ toxicity – single exposure

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Recommended restrictions None under normal processing.