



Safety Data Sheet according to Regulation (EC)

No. 1907/2006 (REACH)

Printed 09.07.2013

revision 08.07.2013 (GB) Version 8.0

Fast-Bond (GB)

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

1.1. Product identifier

Name of product

Fast-Bond (GB)
Art-Nr. 5097080

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

Recommended intended purpose(s)

1-Component Adhesives and Sealants, permanently elastic

1.3. Details of the supplier of the safety data sheet

Manufacturer/distributor

engelbert strauss GmbH & Co. KG
Frankfurter Str. 98-102, D-63599 Biebergemünd
Phone +49 (0)6050-9710-12, Fax +49 (0)6050-9710-90
E-Mail info@engelbert-strauss.de
Internet www.engelbert-strauss.de

Advice

Abteilung:Verkauf (sales department)
Phone +49 (0)6050-9710-12
Fax +49 (0)6050-9710-90
E-mail (competent person):
info@engelbert-strauss.de

1.4. Emergency telephone number

Emergency advice

Giftinformationszentrum-Nord GIZ-Nord. Bei Vergiftungen (in case of poisoning)
Phone +49 (0)551-19 240

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to 67/548/EEC or 1999/45/EC

Carc. Cat. 3; R40

R42/43

R-phrases

40

Limited evidence of a carcinogenic effect.

42/43

May cause sensitization by inhalation and skin contact.

2.2. Label elements

Labelling according to 1999/45/EC

Xn Harmful

R-phrases

40

Limited evidence of a carcinogenic effect.

42/43

May cause sensitization by inhalation and skin contact.

S-phrases

2

Keep out of the reach of children.

36/37

Wear suitable protective clothing and gloves.

46

If swallowed, seek medical advice immediately and show this container or label.

63

In case of accident by inhalation: remove casualty to fresh air and keep at rest.

Hazardous ingredients for labeling

Isocyanuric acid polymethylene polyphenyl isocyanate

Special rules for supplemental label elements for certain mixtures

Persons suffering from asthma, eczema or skin problems should avoid contact, including dermal contact, with this product.



Safety Data Sheet according to Regulation (EC)

No. 1907/2006 (REACH)

Printed

09.07.2013

revision

08.07.2013 (GB) Version 8.0

Fast-Bond (GB)

This product should not be used under conditions of poor ventilation unless a protective mask with an appropriate gas filter (i.e. type A1 according to standard EN 14387) is used.

Contains isocyanates. See information supplied by the manufacturer.

Persons already sensitised to diisocyanates may develop allergic reactions when using this product.

2.3. Other hazards

Results of PBT and vPvB assessment

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

SECTION 3: Composition/ information on ingredients

3.1. Substances

not applicable

3.2. Mixtures

Hazardous ingredients

CAS No	EC No	Name	[% weight]	Classification according to 67/548/EEC
9016-87-9	polymer	Isocyanuric acid polymethylene polyphenyl isocyanate	< 10	Xn R20; Xi R36/37/38; Canc. Cat 3 R40; Xn 42/43; Xn R48/20

CAS No	EC No	Name	[% weight]	Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]
9016-87-9	polymer	Isocyanuric acid polymethylene polyphenyl isocyanate	< 10	Carc. 2, H351 / Acute Tox. 4, H332 / STOT RE 2, H372 / Resp. Sens. 1, H334 / Skin Sens.1, H317 / Eye Irrit.2, H319 / STOT SE 3, H335 / Skin Irrit. 2, H315

REACH		
CAS No	Name	REACH registration number
9016-87-9	Isocyanuric acid polymethylene polyphenyl isocyanate	01-2119457024-46-xxxx

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Remove contaminated soaked clothing immediately.

In case of inhalation

Ensure of fresh air.

In the event of symptoms refer for medical treatment.

In case of skin contact

In case of contact with skin wash off immediately with soap and water.

Consult a doctor if skin irritation persists.

In case of eye contact

In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.

In case of ingestion

Do not induce vomiting.

Refer to medical treatment.

Rinse out mouth thoroughly with water.

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

Physician's information / possible symptoms

Shortness of breath



Safety Data Sheet according to Regulation (EC)

No. 1907/2006 (REACH)

Printed

09.07.2013

revision

08.07.2013

(GB) Version 8.0

Fast-Bond (GB)

4.3. Indication of any immediate medical attention and special treatment needed

Treatment (Advice to doctor)

In the event of pulmonary irritation treat initially with dexamethasone metered-dose aerosol.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Fire-extinguishing activities according to surrounding.

5.2. Special hazards arising from the substance or mixture

Fire gas of organic material has to be classed invariably as respiratory poison.

In case of fire formation of dangerous gases possible.

Nitrogen oxides (NO_x)

Carbon monoxide (CO)

Carbon dioxide (CO₂)

Hydrogen chloride (HCl)

Under certain fire conditions traces of other toxic substances cannot be excluded.

5.3. Advice for firefighters

Special protective equipment for fire-fighters

Use breathing apparatus with independent air supply.

Fire-fighting operations, rescue and clearing work under effect of combustion and smoulder gases just may be done with breathing apparatus.

Do not inhale explosion and/or combustion gases.

Additional information

Collect contaminated firefighting water separately, must not be discharged into the drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation.

Keep people away and stay on the upwind side.

Use personal protective clothing.

6.2. Environmental precautions

Do not discharge into the drains or bodies of water..

6.3. Methods and material for containment and cleaning up

Take up with absorbent material (e.g. sand, kieselguhr, acid binder, general-purpose binder, sawdust).

After taking up the material dispose according to regulation.

Additional Information

Informations for safe handling see chapter 7.

Informations for personal protective equipment see chapter 8.

Informations for disposal see chapter 13.

6.4. Reference to other sections

No information available.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Care for thoroughly room ventilation, if necessary use in well ventilated area with local exhaust ventilation at workplace.

Open and handle container with care!

General protective measures

Do not inhale vapours.

Avoid contact with eyes and skin

Hygiene measures

At work do not eat, drink and smoke.

Wash hands before breaks and after work.

After work wash thoroughly.



Safety Data Sheet according to Regulation (EC)

No. 1907/2006 (REACH)

Printed

09.07.2013

revision

08.07.2013 (GB) Version 8.0

Fast-Bond (GB)

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep in closed original container.

Further information on storage conditions

Bei +15 bis +25 °C lagern.

Keep container tightly closed and store at cool and aired place.

Information on storage stability

Storage stability 12 months maximum.

7.3. Specific end use(s)

No information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Ingredients with occupational exposure limits to be monitored

CAS No	Name	Code	[mg/m ³]	[ppm]	Remark
	Isocyanates, all (as -NCO)	8 hours Short-term	0.02 0.07		EH40/2005, Limits under review

8.2. Exposure controls

Respiratory protection

If ventilation insufficient, wear respiratory protection.

Short term: filter apparatus, filter A

Hand protection

Chemikalienschutzhandschuhe sind in ihrer Ausführung in Abhängigkeit von Gefahrstoffkonzentration und -menge arbeitsplatzspezifisch auszuwählen.

In the cases of special applications, it is recommended to check the chemical resistance with the manufacturer of the gloves.
Glove material specification [make/type, thickness, permeation time/life, wetting resistance]: natural rubber, 0,6mm; 480min; 60min;

Eye protection

tightly fitting goggles

Skin protection

protective clothing

Additional advice on system design

Care for thoroughly room ventilation, if necessary use in well ventilated area with local exhaust ventilation at workplace.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form

pasty

Colour

various, depending on coloration

Odour

characteristic

Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
pH value in delivery state	not determined				
Flash point	not determined				
Lower explosion limit	not determined				
Upper explosion limit	not determined				



Safety Data Sheet according to Regulation (EC)

No. 1907/2006 (REACH)

Printed

09.07.2013

revision

08.07.2013 (GB) Version 8.0

Fast-Bond (GB)

	Value	Temperature	at	Method	Remark
Relative density	not determined	20 °C			
Solubility in water					more or less insoluble
Solubility/other					soluble in most organic solvents

9.2. Other information

No information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

No information available.

10.2. Chemical stability

No information available.

10.3. Possibility of hazardous reactions

No information available.

10.4. Conditions to avoid

Keep away from heat.

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

Nitrous gases

Carbon monoxide and carbon dioxide.

Hydrogen chloride (HCl)

Thermal decomposition

Remark No decomposition if used as directed.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity/Irritability/Sensitization

	Value/Validation	Species	Method	Remark
LD50 acute oral	> 49000 mg/kg	rat	RTECS	Polymethylene polyphenyl polyisocyanate
LD50 acute dermal	> 5000 mg/kg	rabbit		Polymethylene polyphenyl polyisocyanate
LC50 acute inhalation	490 mg/m ³ (4 h)	rat	RTECS	Polymethylene polyphenyl polyisocyanate
Skin sensitization	sensitizing			
Sensitization respiratory system	sensitizing			

Experiences made from practice

Sensitization through inhalation possible.

Sensitization through skin contact possible.

Long-term skin contact with vapours may cause skin irritation or sensitization.



Safety Data Sheet according to Regulation (EC)

No. 1907/2006 (REACH)

Printed

09.07.2013

revision

08.07.2013 (GB) Version 8.0

Fast-Bond (GB)

Additional information

The product is to be handled with the caution usual with chemicals.

Other hazardous properties may not be excluded.

Labelling in compliance with the assessment procedure specified in the EC guidelines 1999/45/EC.

SECTION 12: Ecological information

12.1. Toxicity

No information available.

12.2. Persistence and degradability

	Elimination rate	Method of analysis	Method	Validation
Physico-chemical degradability	not determined			
Biological degradability	not determined			

12.3. Bioaccumulative potential

No information available.

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

12.6. Other adverse effects

General regulation

Ecological data are not available.

Do not allow uncontrolled leakage of product into the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste code No.

08 05 01*

Name of waste

waste isocyanates

Wastes marked with an asterisk are considered to be hazardous waste pursuant to Directive 91/689/EEC on hazardous waste.

Recommendations for the product

Remove in accordance with local official regulations.

Product rests: send for disposal, e.g. special waste incineration.

Recommendations for packaging

Packaging that cannot be cleaned should be disposed of like the product.

SECTION 14: Transport information

Transport/further information

No dangerous goods as defined by the transport regulations - ADR/RID, IMDG, ICAO/IATA-DGR.

Special precautions for user

No information available.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

not applicable



Safety Data Sheet according to Regulation (EC)

No. 1907/2006 (REACH)

Printed 09.07.2013

revision 08.07.2013 (GB) Version 8.0

Fast-Bond (GB)

SECTION 15: Regulatory information

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

VOC standard

Remark

Daten separat anfragen / Request data separately.

15.2. Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Recommended uses and restrictions

National and local regulations concerning chemicals shall be observed.

Further information

The information contained herein is based on the state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.

This MSDS was prepared in accordance with the following Regulation (EC) N° 1907/2006 Regulation (EC) N° 1272/2008 Regulation (EC) N° 453/2010 Directive 1999/45/EC Directive 67/548/EEC as amended.

Sources of key data used

RTECS Number TR0350000

Wording of the R/H-phrases specified in chapter 3 (not the classification of the mixture!)

R 20 Harmful by inhalation.

R 36/37/38 Irritating to eyes, respiratory system and skin.

R 40 Limited evidence of a carcinogenic effect.

R 42/43 May cause sensitization by inhalation and skin contact.

R 48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.

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 (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).

H372 Causes damage to organs (or state all organs affected, if known) through prolonged or repeated exposure (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).