



## 1. Identification of the substance/mixture and of the company/undertaking

### Product identifier

#### Name of product

Fast-Bond Assembly Adhesive (GB)  
Code-Nr. 133090

#### Manufacturer/distributor

WEICON GmbH & Co. KG  
Königsberger Straße 255, DE-48157 Münster  
Postbox 84 60, DE-48045 Münster  
Phone ++49(0)251 / 9322 - 0, Fax ++49(0)251 / 9322-244  
E-Mail : info@weicon.de  
Internet : www.weicon.de

#### Advice

Abteilung Angebote, Verkauf, Export  
Phone ++49(0)251 / 9322 - 0

#### Emergency advice

Giftnotruf Bonn: Bei Vergiftungen (in case of poisoning)  
Phone ++49(0)228-19 240

#### Recommended intended purpose(s)

1-Component Adhesives and Sealants, permanently elastic

## 2. Hazards identification

### 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.

### Labelling according to 67/548/EEC or 1999/45/EC

Xn Harmful

#### R-phrases

40 Limited evidence of a carcinogenic effect.  
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#### 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

Polymethylene polyphenyl polyisocyanate

#### 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.

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.



### 3. Composition/information on ingredients

#### Hazardous ingredients

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

### 4. 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.

#### Physician's information / possible symptoms

Shortness of breath

#### Treatment (Advice to doctor)

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

### 5. Firefighting measures

#### Suitable extinguishing media

Fire-extinguishing activities according to surrounding.

#### 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<sub>x</sub>)

Carbon monoxide (CO)

Carbon dioxide (CO<sub>2</sub>)

Hydrogen chloride (HCl)

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.

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.

## 6. Accidental release measures

### Personal precautions

Ensure adequate ventilation.  
Keep people away and stay on the upwind side.  
Use personal protective clothing.

### Environmental precautions

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

### Methods for 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.

## 7. Handling and storage

### 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!

### Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking

### 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.

## 8. Exposure controls/personal protection

### Additional advice on system design

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

### Ingredients with occupational exposure limits to be monitored

CAS No	Name	Code	[mg/m3]	[ppm]	Remark
	Isocyanates, all (as -NCO)	8 hours	0.02		EH40/2005, Limits under review
		Short-term	0.07		

### 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

### 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.

**9. Physical and chemical properties**

<b>Form</b>	<b>Colour</b>	<b>Odour</b>
pasty	various, depending on coloration	characteristic

**Important health, safety and environmental information**

	Value	Temperature	at	Method	Remark
<b>pH value in delivery state</b>	not determined				
<b>Flash point</b>	not determined				
<b>Lower explosion limit</b>	not determined				
<b>Upper explosion limit</b>	not determined				
<b>Density</b>	not determined	20 °C			
<b>Solubility in water</b>					more or less insoluble
<b>Solubility/other</b>					soluble in most organic solvents

**10. Stability and reactivity****Conditions to avoid**

Keep away from heat.

**Hazardous decomposition products**

Nitrous gases

Carbon monoxide and carbon dioxide.

Hydrogen chloride (HCl)

**Thermal decomposition**

Remark No decomposition if used as directed.

**11. Toxicological information****Acute toxicity/Irritability/Sensitization**

	Value/Validation	Species	Method	Remark
<b>LD50 acute oral</b>	> 49000 mg/kg	rat	RTECS	Polymethylene polyphenyl polyisocyanate
<b>LD50 acute dermal</b>	> 5000 mg/kg	rabbit		Polymethylene polyphenyl polyisocyanate



## Safety Data Sheet according to Regulation (EC)

No. 1907/2006 (REACH)

Printed 11.02.2011

Revision 10.02.2011 (GB) Version 6.0

### Fast-Bond Assembly Adhesive (GB)

	Value/Validation	Species	Method	Remark
<b>LC50 acute inhalation</b>	490 mg/m <sup>3</sup> (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.

#### Additional information

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

## 12. Ecological information

#### Data on elimination (persistence and degradability)

	Elimination rate	Method of analysis	Method	Validation
<b>Physico-chemical degradability</b>	not determined			
<b>Biological degradability</b>	not determined			

#### General regulation

Ecological data are not available.

Do not allow uncontrolled leakage of product into the environment.

## 13. Disposal considerations

Waste code No.	Name of waste
08 05 01*	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.

## 14. Transport information

#### Transport/further information

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



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## 15. Regulatory information

VOC standard  
VOC content <0,5 %

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## 16. Other information

### Recommendend 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.

### 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.