

Safety Data Sheet (EG) 1907/2006 (REACH)

issuing date: 14.09.15
(replaces previous issue)
printing date: 06.12.16

page: 1 / 4

ISO-FILL BRW (Component A: resin)

1 Identification of substance/preparation and company

Product name

ISO-FILL BRW (Component A: resin)

Area of application

Resin component of a potting compound

Supplier:

ISO-ELEKTRA Elektrochemische Fabrik GmbH

Im Mühlenfeld 5

Tel. : +49 5068 / 925-0

D - 31008 Elze

Fax.: +49 5068 / 925-25

Prepared by : Dr. Ulrich Schomburg **email :** sdb@iso-elektra.de

Emergency telephone numbers

contact supplier

or the next toxic information center e.g. :

. Berlin Tel. : **49- Tel. : **49-30-19240

2 Hazards Identification

Classification of the substance

Classification of the substance in accordance with EC/1272/2008 (CLP)

This product is not hazardous according to regulation (EC) No 1272/2008

Classification of the substance in accordance with 67/548/EG (dangerous substance directive)

This product is not hazardous according to EEC directives 67/548/EEC / 1999/45/EC

Label elements

No labelling required according to directive 67/548/EEC, directive 1999/45/EC, regulation (EC)1272/2008

Other hazards

No hazards known

3 Composition /Information on Ingredients

Preparation Description

Ingredients:

Hydroxy functionalised hydrocarbon resin, vegetable oil, and additives

4 First Aid Measures

after inhalation:

No special measures to be taken. If rapid recovery does not occur, obtain medical attention.

after skin-contact:

Remove contaminated clothing and wash affected skin with soap and water.

after eye-contact:

Rinse immediately with plenty of water for at least 15 minutes and seek immediately medical advice.

after ingestion:

Do not induce vomiting. If rapid recovery does not occur, obtain medical attention.

Advice to physicians:

Treat symptomatically.

5 Fire Fighting Measures

Extinguishing media:

Foam, dry chemical powder, carbon dioxide, sand or earth, water spray or water mist.

Unsuitable extinguishing media:

Safety Data Sheet (EG) 1907/2006 (REACH)

issuing date: 14.09.15
(replaces previous issue)
printing date: 06.12.16
Full water jet

page: 2 / 4

ISO-FILL BRW (Component A: resin)

Specific hazard:

CO, NO_x, SO₂, soot.

special equipment:

Do not inhale fumes.

Additional information:

Cool endangered containers with water. Catch contaminated water separately and dispose accordingly to local regulation.

6 Accidental Release Measures

Personal precautions:

Use protective clothing. Contaminated area is slippery.

Environmental precautions:

Prevent further leakage or spillage and prevent from entering drains.

Clean - up methods:

Absorb with sand or other readily absorbent. Shovel into suitable, clearly marked container for disposal according to local regulations.

additional information:

none.

7 Handling and storage

Handling

Advices for safe handling:

When using do not eat or drink . When handling use protective clothing (shoes).

Prevent spillages. Before heating open container.

Advices to prevent fire and explosion

Classification according to DIN 14 406 - EN : B

Storage

Requirements to storage area and containers:

Use original containers only. Avoid overheating.

Advices for storing with other materials:

Do not store with strong oxidizing agents.

Additional information according storage:

Product will be stable at least 6 months at a temperature of 0 to 40 °C.

Classification:

n.a.

8 Exposure controls / Personal protection

Engineering control measures:

none (revere point 7).

Occupational exposure standards:

none.

Personal equipment:

Respiratory protection: Normally not required.

Hand protection: Use oil resistant gloves.

Eye protection: Use safety glasses or protect face.

Body protection: n. a.

9 Physical and Chemical properties

Form	colour	odour
liquid	Pale yellow	light characteristic
	Value / Range	Method

Safety Data Sheet (EG) 1907/2006 (REACH)

issuing date: 14.09.15
(replaces previous issue)
printing date: 06.12.16

page: 3 / 4

ISO-FILL BRW (Component A: resin)

pH-:	n.a	
Flashpoint:	>.200 °C	DIN ISO 2592
Vapour pressure:	max 0,1 hPa / 20 °C	
Density:	1.0 g/cm ³ at 20 °C	DIN 51757 D
Solubility in water:	insoluble	
Viscosity	2000 mPa s/20°C	

10 Stability / Reactivity

Stability:

Stable under normal use conditions.

Materials to avoid:

Strong oxidizing agents.

Hazardous decompositions products:

Hazardous decomposition products are not expected to form during normal handling and storage.

Thermal decomposition:

Thermal decomposition products are not expected to form during normal handling. Stable at normal temperatures (room temperature).

Additional Information:

Decomposition at higher temperatures.

11 Toxicological Information

Acute toxicity:

LD 50 expected to be :

	Value	Spezies
oral	> 5 g / kg	rat
dermal	> 3 g / kg	rabbit
inhalativ	n.a.	n.a.

Specific symptomatic results:

skin

Slight irritation after repeated contact possible.

eyes

Irritation after repeated contact possible.

Sensitization:

Not known.

Prolonged and / or repeated contact:

Prolonged / repeated contact may cause defatting of skin which can lead to dermatitis.

12 Ecological information

Degradation:

Product biodegrades very slowly. According to OECD the product is Inherently biodegradable.

Partitioning:

Ecotoxicity:

There are no accurate values available.

Additional ecological information:

Spilling has to be avoided. It is difficult to eliminate product from water.

Safety Data Sheet (EG) 1907/2006 (REACH)

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page: 4 / 4

ISO-FILL BRW (Component A: resin)

13 Disposal Considerations

Product:

Precautions

Dispose to licensed disposal contractor or supplier. Customers are advised to check local regulations for disposal.

Waste disposal number:

EWC-No.: 07 02 08

Container disposal:

Drain container thoroughly. Dispose to licensed disposal contractor.

Recommended cleaning material:

Cleaning at licensed disposal contractor or supplier.

14 Transport information

Transport / additional Information

Not dangerous for conveyance under UN, IMO, ADR/RID und IATA/ICAO

15 Regulatory Information

water pollution class : not dangerous:

Additional regularities:

none

t

16 ZH 1/192 Other information

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. Therefore it should not be construed as guaranteeing any specific property of the product.

Issuing agent

ISO-ELEKTRA Elektrochemische Fabrik GmbH
Abteilung Produktsicherheit

contact

Dr. Michael Piepho Tel. : 05068/925-14

Safety Data Sheet (EG) 1907/2006 (REACH)

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page: 1 / 4

ISO-FILL BRW (Component B: hardener)

1 Identification of substance/preparation and company

Product name

ISO-FILL BRW (Component B: hardener)

Area of application

Resin component of a potting compound

Supplier:

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Label elements

No labelling required according to directive 67/548/EEC, directive 1999/45/EC, regulation (EC)1272/2008

Other hazards

No hazards known

3 Composition /Information on Ingredients

Preparation Description

Ingredients:

Acid anhydride functionalised hydrocarbon resin

4 First Aid Measures

after inhalation:

No special measures to be taken. If rapid recovery does not occur, obtain medical attention.

after skin-contact:

Remove contaminated clothing and wash affected skin with soap and water.

after eye-contact:

Rinse immediately with plenty of water for at least 15 minutes and seek immediately medical advice.

after ingestion:

Do not induce vomiting. If rapid recovery does not occur, obtain medical attention.

Advice to physicians:

Treat symptomatically.

5 Fire Fighting Measures

Extinguishing media:

Foam, dry chemical powder, carbon dioxide, sand or earth, water spray or water mist.

Unsuitable extinguishing media:

Full water jet

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ISO-FILL BRW (Component B: hardener)

Specific hazard:

CO, NO_x, SO₂, soot.

special equipment:

Do not inhale fumes.

Additional information:

Cool endangered containers with water. Catch contaminated water separately and dispose accordingly to local regulation.

6 Accidental Release Measures

Personal precautions:

Use protective clothing. Contaminated area is slippery.

Environmental precautions:

Prevent further leakage or spillage and prevent from entering drains.

Clean - up methods:

Absorb with sand or other readily absorbent. Shovel into suitable, clearly marked container for disposal according to local regulations.

additional information:

none.

7 Handling and storage

Handling

Advices for safe handling:

When using do not eat or drink . When handling use protective clothing (shoes).

Prevent spillages. Before heating open container.

Advices to prevent fire and explosion

Classification according to DIN 14 406 - EN : B

Storage

Requirements to storage area and containers:

Use original containers only. Avoid overheating.

Advices for storing with other materials:

Do not store with strong oxidizing agents.

Additional information according storage:

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Classification:

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8 Exposure controls / Personal protection

Engineering control measures:

none (revere point 7).

Occupational exposure standards:

none.

Personal equipment:

Respiratory protection: Normally not required.

Hand protection: Use oil resistant gloves.

Eye protection: Use safety glasses or protect face.

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page: 3 / 4

ISO-FILL BRW (Component B: hardener)

9 Physical and Chemical properties

Form	colour	odour
liquid	colourless	light characteristic

	Value / Range	Method
pH-:	<i>n.a</i>	
Change of physical state:		
Pourpoint:	< -10 °C	
Flashpoint:	>. 200 °C	DIN ISO 2592
Vapour pressure:	max 0,1 mbar / 20 °C	
Density:	1.0 g/cm ³ at 20 °C	DIN 51757 D
Solubility in water:	insoluble	
Viscosity	6000-9000 mPa s / 20°C	

10 Stability / Reactivity

Stability:

Stable under normal use conditions.

Materials to avoid:

Strong oxidizing agents.

Hazardous decompositions products:

Hazardous decomposition products are not expected to form during normal handling and storage.

Thermal decomposition:

Thermal decomposition products are not expected to form during normal handling. Stable at normal temperatures (room temperature).

Additional Information:

Decomposition at higher temperatures.

11 Toxicological Information

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Additional ecological information:

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15 Regulatory Information

water pollution class : not dangerous:

Additional regularities:

none

16 ZH 1/192 AugenschutzmerkblattOther information

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