

Article number BGS 80897

BGS technic KG

42929 Wermelskirchen / Deutschland

Date printed 26.07.2019, Revision 23.08.2018

Version 02. Supersedes version: 01

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SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier****Repair Putty WOOD****Article number: BGS 80897****1.2 Relevant identified uses of the substance or mixture and uses advised against****1.2.1 Relevant uses**

Adhesive / Sealant

1.2.2 Uses advised against

None known.

1.3 Details of the supplier of the safety data sheet**Company**BGS technic KG
Bandwikerstr. 3
42929 Wermelskirchen / Deutschland
Phone +49 (0)2196 72048-15
Fax +49 (0)2196 72048-20
Homepage www.bgs-shop.de
E-mail mail@bgs-technic.de**Address enquiries to****Technical information**mail@bgs-technic.de**Safety Data Sheet**sdb@chemiebuero.de**1.4 Emergency telephone number****Advisory body**

+49 (0)89-19240 (24h) (deutsch und englisch)

Company**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture [REGULATION (EC) No 1272/2008]**Skin Irrit. 2: H315 Causes skin irritation.
Eye Irrit. 2: H319 Causes serious eye irritation.
Skin Sens. 1: H317 May cause an allergic skin reaction.
Aquatic Chronic 3: H412 Harmful to aquatic life with long lasting effects.

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2.2 Label elements

Hazard pictograms



The product is required to be labelled in accordance with regulation (EC) No 1272/2008 (CLP).

Signal word

WARNING

Contains:

Reaction product: bisphenol-A-(epichlorhydrin) Epoxy resin (number average molecular weight \leq 700)

3-[3-(3-hydroxypropoxy)-2,2-bis[(3-hydroxypropoxy)methyl]propoxy]propan-1-ol; 3-sulfanylpropane-1,2-diol

Hazard statements

H315 Causes skin irritation.
H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction.
H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P280 Wear protective gloves / eye protection / face protection.
P333+P313 If skin irritation or rash occurs: Get medical advice / attention.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 If eye irritation persists: Get medical advice / attention.
P501 Dispose of contents/container in accordance with local/national regulation.

Special labelling

EUH205 Contains epoxy constituents. May produce an allergic reaction.

2.3 Other hazards

Other hazards

Further hazards were not determined with the current level of knowledge.

SECTION 3: Composition / Information on ingredients

Product-type:

The product is a mixture.

| Range [%] | Substance |
|-----------|--|
| 10 - 20 | 3-[3-(3-hydroxypropoxy)-2,2-bis[(3-hydroxypropoxy)methyl]propoxy]propan-1-ol; 3-sulfanylpropane-1,2-diol CAS: 72244-98-5, EINECS/ELINCS: 615-735-8, Reg-No.: 01-2120118957-46 GHS/CLP: Skin Sens. 1B: H317 - Aquatic Chronic 3: H412 |
| 10 - 20 | Reaction product: bisphenol-A-(epichlorhydrin) Epoxy resin (number average molecular weight \leq 700) CAS: 25068-38-6, EINECS/ELINCS: 500-033-5, EU-INDEX: 603-074-00-8, Reg-No.: 01-2119456619-26-XXXX GHS/CLP: Skin Irrit. 2: H315 - Eye Irrit. 2: H319 - Skin Sens. 1: H317 - Aquatic Chronic 2: H411 |
| 1 - <3 | 2,4,6-Tris(dimethylaminomethyl)phenol CAS: 90-72-2, EINECS/ELINCS: 202-013-9, EU-INDEX: 603-069-00-0, Reg-No.: 01-2119560597-27 GHS/CLP: Acute Tox. 4: H302 - Skin Irrit. 2: H315 - Eye Irrit. 2: H319 |

Comment on component parts

Substances of Very High Concern - SVHC: substances are not contained or are below 0.1%.
For full text of H-statements: see SECTION 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

Change soaked clothing.

Inhalation

Ensure supply of fresh air.
In the event of symptoms seek medical treatment.

Skin contact

In case of contact with skin wash off immediately with soap and water.
Consult a doctor if skin irritation persists.

Eye contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention.

Ingestion

Consult a doctor immediately.

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7.3 Specific end use(s)

See product use, SECTION 1.2

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SECTION 8: Exposure controls / personal protection**8.1 Control parameters****Ingredients with occupational exposure limits to be monitored (GB)**

not applicable

DNEL

| |
|---|
| Substance |
| Reaction product: bisphenol-A-(epichlorhydrin) Epoxy resin (number average molecular weight \leq 700), CAS: 25068-38-6 |
| Industrial, inhalative, Long-term - systemic effects: 12,3 mg/m ³ . |
| Industrial, inhalative, Acute - systemic effects: 12,3 mg/m ³ . |
| Industrial, dermal, Long-term - systemic effects: 8,3 mg/kg bw/d. |
| Industrial, dermal, Acute - systemic effects: 8,3 mg/kg bw/d. |
| general population, oral, Long-term - systemic effects: 0,75 mg/kg bw/d. |
| general population, oral, Acute - systemic effects: 0,75 mg/kg bw/d. |
| general population, dermal, Long-term - systemic effects: 3,6 mg/kg bw/d. |
| general population, dermal, Acute - systemic effects: 3,6 mg/kg bw/d. |
| general population, inhalative, Long-term - systemic effects: 0,75 mg/m ³ . |
| general population, inhalative, Acute - systemic effects: 0,75 mg/m ³ . |
| 3-[3-(3-hydroxypropoxy)-2,2-bis[(3-hydroxypropoxy)methyl]propoxy]propan-1-ol; 3-sulfanylpropane-1,2-diol, CAS: 72244-98-5 |
| Industrial, dermal, Long-term - systemic effects: 2.7 mg/kg bw/d (AF=90). |
| Industrial, inhalative, Long-term - systemic effects: 22 mg/m ³ (AF=6). |
| general population, inhalative, Long-term - systemic effects: 6.52 mg/m ³ (AF=10). |
| general population, dermal, Long-term - systemic effects: 1.61 mg/kg bw/d (AF=150). |

PNEC

| |
|---|
| Substance |
| Reaction product: bisphenol-A-(epichlorhydrin) Epoxy resin (number average molecular weight \leq 700), CAS: 25068-38-6 |
| soil, 196 μ g/kg soil dw. |
| sediment (seawater), 99,6 μ g/kg sediment dw. |
| sediment (freshwater), 996 μ g/kg sediment dw. |
| sewage treatment plants (STP), 10 mg/L. |
| seawater, 600 ng/L. |
| freshwater, 6 μ g/L. |
| 3-[3-(3-hydroxypropoxy)-2,2-bis[(3-hydroxypropoxy)methyl]propoxy]propan-1-ol; 3-sulfanylpropane-1,2-diol, CAS: 72244-98-5 |
| soil, 23 μ g/kg dw. |
| sediment (seawater), 32 μ g/kg dw. |
| sediment (freshwater), 322 μ g/kg dw. |
| sewage treatment plants (STP), 10 mg/l (AF=100). |
| seawater, 7 μ g/l (AF=500). |
| freshwater, 70 μ g/l (AF=50). |
| 2,4,6-Tris(dimethylaminomethyl)phenol, CAS: 90-72-2 |
| sewage treatment plants (STP), 0.2 mg/l (AF= 10). |
| seawater, 0.008 mg/l (AF= 10 000). |
| freshwater, 0.084 mg/l (AF= 1000). |

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8.2 Exposure controls

| | |
|--|--|
| Additional advice on system design | Ensure adequate ventilation on workstation. |
| Eye protection | Safety glasses. (EN 166:2001) |
| Hand protection | The details concerned are recommendations. Please contact the glove supplier for further information. In full contact: > 0,4 mm: Butyl rubber, >480 min (EN 374-1/-2/-3). In splash contact: > 0,4 mm: Nitrile rubber, >480 min (EN 374-1/-2/-3). |
| Skin protection | not applicable |
| Other | Personal protective equipment should be selected specifically for the working place, depending on concentration and quantity handled. The resistance of this equipment to chemicals should be ascertained with the respective supplier. Do not inhale vapours. Avoid contact with eyes and skin. |
| Respiratory protection | not applicable |
| Thermal hazards | not applicable |
| Delimitation and monitoring of the environmental exposition | Comply with applicable environmental regulations limiting discharge to air, water and soil. |

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

| | |
|--|---------------------------|
| Form | pasty |
| Color | grey |
| Odor | characteristic |
| Odour threshold | No information available. |
| pH-value | not applicable |
| pH-value [1%] | not applicable |
| Boiling point [°C] | No information available. |
| Flash point [°C] | > 200 |
| Flammability (solid, gas) [°C] | No information available. |
| Lower explosion limit | not applicable |
| Upper explosion limit | not applicable |
| Oxidising properties | no |
| Vapour pressure/gas pressure [kPa] | No information available. |
| Density [g/ml] | 1,85 |
| Bulk density [kg/m³] | not applicable |
| Solubility in water | virtually insoluble |
| Partition coefficient [n-octanol/water] | No information available. |
| Viscosity | not applicable |
| Relative vapour density determined in air | No information available. |
| Evaporation speed | No information available. |
| Melting point [°C] | No information available. |
| Autoignition temperature [°C] | No information available. |
| Decomposition temperature [°C] | No information available. |

9.2 Other information

none

SECTION 10: Stability and reactivity

10.1 Reactivity

See SECTION 10.3.

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10.2 Chemical stability

Stable under normal ambient conditions (ambient temperature).

10.3 Possibility of hazardous reactions

Reactions with oxidizing agents.

10.4 Conditions to avoid

Strong heating.

10.5 Incompatible materials

See SECTION 7

10.6 Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: Toxicological information**11.1 Information on toxicological effects****Acute toxicity**

| |
|---|
| Substance |
| Reaction product: bisphenol-A-(epichlorhydrin) Epoxy resin (number average molecular weight ≤ 700), CAS: 25068-38-6 |
| LD50, dermal, Rat: > 2000 mg/kg bw. |
| LD50, oral, Rat: > 2000 mg/kg bw. |
| 3-[3-(3-hydroxypropoxy)-2,2-bis[(3-hydroxypropoxy)methyl]propoxy]propan-1-ol; 3-sulfanylpropane-1,2-diol, CAS: 72244-98-5 |
| LD50, dermal, Rabbit: > 10 200 mg/kg bw. |
| LD50, oral, Rat: 2600 mg/kg bw. |
| LC50, inhalative, Rat: > 0.1 mg/l. |

| | |
|---|---|
| Serious eye damage/irritation | Toxicological data of complete product are not available. Irritant Calculation method |
| Skin corrosion/irritation | Toxicological data of complete product are not available. Irritant Calculation method |
| Respiratory or skin sensitisation | Toxicological data of complete product are not available. Sensitizing. Calculation method |
| Specific target organ toxicity — single exposure | Based on the available information, the classification criteria are not fulfilled. |
| Specific target organ toxicity — repeated exposure | Based on the available information, the classification criteria are not fulfilled. |
| Mutagenicity | Based on the available information, the classification criteria are not fulfilled. |
| Reproduction toxicity | Based on the available information, the classification criteria are not fulfilled. |
| Carcinogenicity | Based on the available information, the classification criteria are not fulfilled. |
| Aspiration hazard | Based on the available information, the classification criteria are not fulfilled. |
| General remarks | |

Toxicological data of complete product are not available.
The toxicity data listed pertaining to the ingredients are intended for those working in the medicinal professions, experts for occupational health and safety and toxicologists.

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SECTION 12: Ecological information

12.1 Toxicity

| |
|---|
| Substance |
| Reaction product: bisphenol-A-(epichlorhydrin) Epoxy resin (number average molecular weight \leq 700), CAS: 25068-38-6 |
| LC50, (72h), Algae: 11 mg/L. |
| LC50, (96h), fish: 2 mg/L. |
| EC50, (48h), Crustacea: 1,8 mg/L. |
| IC50, (3h), Bacteria: 100 mg/L. |
| 3-[3-(3-hydroxypropoxy)-2,2-bis[(3-hydroxypropoxy)methyl]propoxy]propan-1-ol; 3-sulfanylpropane-1,2-diol, CAS: 72244-98-5 |
| LC50, (96h), Danio rerio: 87 mg/l. |
| EC50, (21d), Daphnia magna: 3,5 mg/l. |
| EC50, (48h), Daphnia magna: 12 mg/l. |
| ErC50, (72h), Desmodesmus subspicatus: > 733 mg/l. |

12.2 Persistence and degradability

| | |
|--|----------------|
| Behaviour in environment compartments | not determined |
| Behaviour in sewage plant | 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

No information available.

12.6 Other adverse effects

The product was classified on the basis of the calculation procedure of the preparation directive.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste material c It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it is used by the customer. The waste code is to be determined within the EU in liaison with the waste-disposal operator.

Product

Dispose of as hazardous waste.
Disposal in an incineration plant in accordance with the regulations of the local authorities.

Waste no. (recommended) 080409*

Contaminated packaging

Packaging that cannot be cleaned should be disposed of as for product.
Uncontaminated packaging may be taken for recycling.

Waste no. (recommended) 150110*

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SECTION 14: Transport information
14.1 UN number

Transport by land according to ADR/RID not applicable

Inland navigation (ADN) not applicable

Marine transport in accordance with IMDG not applicable

Air transport in accordance with IATA not applicable

14.2 UN proper shipping name

Transport by land according to ADR/RID NO DANGEROUS GOODS

Inland navigation (ADN) NO DANGEROUS GOODS

Marine transport in accordance with IMDG NOT CLASSIFIED AS "DANGEROUS GOODS"

Air transport in accordance with IATA NOT CLASSIFIED AS "DANGEROUS GOODS"

14.3 Transport hazard class(es)

Transport by land according to ADR/RID not applicable

Inland navigation (ADN) not applicable

Marine transport in accordance with IMDG not applicable

Air transport in accordance with IATA not applicable

14.4 Packing group

Transport by land according to ADR/RID not applicable

Inland navigation (ADN) not applicable

Marine transport in accordance with IMDG not applicable

Air transport in accordance with IATA not applicable

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14.5 Environmental hazards

Transport by land according to ADR/RID no

Inland navigation (ADN) no

Marine transport in accordance with IMDG no

Air transport in accordance with IATA no

14.6 Special precautions for user

Relevant information under SECTION 6 to 8.

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code

not applicable

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

| | |
|--|---|
| EEC-REGULATIONS | 1991/689 (2001/118); 2010/75; 2004/42; 648/2004; 1907/2006 (REACH); 1272/2008; 75/324/EEC (2016/2037/EC); (EU) 2015/830; (EU) 2016/131; (EU) 517/2014 |
| TRANSPORT-REGULATIONS | DOT-Classification, ADR (2017); IMDG-Code (2017, 38. Amdt.); IATA-DGR (2018). |
| NATIONAL REGULATIONS (GB): | EH40/2005 Workplace exposure limits (Second edition, published December 2011). |
| - Observe employment restrictions for people | Observe employment restrictions for mothers-to-be and nursing mothers. Observe employment restrictions for young people. |
| - VOC (2010/75/CE) | not applicable |

15.2 Chemical safety assessment

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

SECTION 16: Other information**16.1 Hazard statements (SECTION 03)**

H302 Harmful if swallowed.
 H412 Harmful to aquatic life with long lasting effects.
 H411 Toxic to aquatic life with long lasting effects.
 H317 May cause an allergic skin reaction.
 H319 Causes serious eye irritation.
 H315 Causes skin irritation.

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16.2 Abbreviations and acronyms:

ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route
 RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses
 ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure
 ATE = acute toxicity estimate
 CAS = Chemical Abstracts Service
 CLP = Classification, Labelling and Packaging
 DMEL = Derived Minimum Effect Level
 DNEL = Derived No Effect Level
 EC50 = Median effective concentration
 ECB = European Chemicals Bureau
 EEC = European Economic Community
 EINECS = European Inventory of Existing Commercial Chemical Substances
 ELINCS = European List of Notified Chemical Substances
 GHS = Globally Harmonized System of Classification and Labelling of Chemicals
 IATA = International Air Transport Association
 IBC-Code = International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
 IC50 = Inhibition concentration, 50%
 IMDG = International Maritime Code for Dangerous Goods
 IUCLID = International Uniform Chemical Information Database
 LC50 = Lethal concentration, 50%
 LD50 = Median lethal dose
 LC0 = lethal concentration, 0%
 LOAEL = lowest-observed-adverse-effect level
 MARPOL = International Convention for the Prevention of Marine Pollution from Ships
 NOAEL = No Observed Adverse Effect Level
 NOEC = No Observed Effect Concentration
 PBT = Persistent, Bioaccumulative and Toxic substance
 PNEC = Predicted No-Effect Concentration
 REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals
 STP = Sewage Treatment Plant
 TLV@TWA = Threshold limit value – time-weighted average
 TLV@STEL = Threshold limit value – short-time exposure limit
 VOC = Volatile Organic Compounds
 vPvB = very Persistent and very Bioaccumulative

16.3 Other information**Customs Tariff**

not determined

Classification procedure

Skin Irrit. 2: H315 Causes skin irritation. (Calculation method)
 Eye Irrit. 2: H319 Causes serious eye irritation. (Calculation method)
 Skin Sens. 1: H317 May cause an allergic skin reaction. (Calculation method)
 Aquatic Chronic 3: H412 Harmful to aquatic life with long lasting effects. (Calculation method)

Modified position

SECTION 2 been added: H412 Harmful to aquatic life with long lasting effects.
 SECTION 2 been added: Aquatic Chronic 3
 SECTION 2 deleted: Aquatic Chronic 2
 SECTION 2 deleted: H411 Toxic to aquatic life with long lasting effects.
 SECTION 2 been added: H319 Causes serious eye irritation.
 SECTION 2 been added: Eye Irrit. 2
 SECTION 2 deleted: Eye Dam. 1
 SECTION 2 been added: H315 Causes skin irritation.
 SECTION 2 been added: Skin Irrit. 2
 SECTION 2 deleted: Skin Corr. 1B
 SECTION 2 deleted: H314 Causes severe skin burns and eye damage.
 SECTION 2 deleted: DANGER
 SECTION 2 deleted: corrosion
 SECTION 14 been added: no dangerous goods

