

SAFETY DATA SHEET

SÜDWEST 2K-EpoxiSiegel Härter Komp. B

| | |
|---------------|---------------|
| Ref. | 13000009167/D |
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SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Trade name SÜDWEST 2K-EpoxiSiegel Härter Komp. B

Unique Formula Identifier (UFI) 72S6-U0NW-A00T-QCPC

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

Coating material
Reserved for industrial and professional use.

Uses advised against This information is not available.

1.3 Details of the supplier of the safety data sheet

SÜDWEST Lacke + Farben GmbH & Co.KG
Iggelheimer Str. 13
D - 67459 Böhl-Iggelheim
Telephone: +49 6324/709-0
info@suedwest.de
www.suedwest.de

E-mail address of person responsible for the SDS European Union
sdb@suedwest.de

1.4 Emergency telephone number European Union

Phone: +44 (0) 1865 407333

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Skin irritation, Category 2 H315: Causes skin irritation.

Eye irritation, Category 2 H319: Causes serious eye irritation.

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Skin sensitisation, Category 1

H317: May cause an allergic skin reaction.

Long-term (chronic) aquatic
hazard, Category 2

H411: Toxic to aquatic life with long lasting effects.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms



Signal word : Warning

Hazard statements : H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H411 Toxic to aquatic life with long lasting effects.

Precautionary statements : **Prevention:**
P261 Avoid breathing vapours.
P280 Wear protective gloves/ eye protection/ face protection.
Response:
P333 + P313 If skin irritation or rash occurs: Get medical advice/
attention.
P337 + P313 If eye irritation persists: Get medical advice/
attention.
P362 + P364 Take off contaminated clothing and wash it before
reuse.
Disposal:
P501 Contents/container to be disposed of through approved
disposal contractor or taken to municipal collection point.

Hazardous components which must be listed on the label:

bis-[4-(2,3-epoxipropoxy)phenyl]propane

Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Components

| Chemical name | CAS-No. EC-No. Index-No. | Classification | Concentration (% w/w) |
|---------------|--------------------------------|----------------|--------------------------|
| | | | |

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| | Registration number | | |
|--|---|---|-------------|
| bis-[4-(2,3-epoxipropoxy)phenyl]propane | 1675-54-3 216-823-5 603-073-00-2 01-2119456619-26-XXXX | Eye Irrit. 2; H319 Skin Irrit. 2; H315 Skin Sens. 1; H317 Aquatic Chronic 2; H411 specific concentration limit Eye Irrit. 2 ≥ 5 % Skin Irrit. 2 ≥ 5 % | ≥ 50 - < 70 |
| Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol | Not Assigned 01-2119454392-40-XXXX | Skin Sens. 1A; H317 Skin Irrit. 2; H315 Aquatic Chronic 2; H411 | ≥ 20 - < 25 |
| Oxirane, mono[(polymeric alkyl)methyl] derivs. | Not Assigned | Eye Irrit. 2; H319 Aquatic Chronic 3; H412 | ≥ 10 - < 20 |

For explanation of abbreviations see section 16.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

| | |
|----------------|--|
| General advice | When symptoms persist or in all cases of doubt seek medical advice. First aider needs to protect himself. |
| Inhalation | Move to fresh air in case of accidental inhalation of vapours or decomposition products. Consult a physician after significant exposure. |
| Skin contact | Take off contaminated clothing and shoes immediately. Take off contaminated clothing and wash it before reuse. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvents or thinners. If symptoms persist, call a physician. |
| 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. Consult a physician. Eye rinsing bottle must be kept immediately to hand. |
| Ingestion | Never give anything by mouth to an unconscious person. Clean mouth with water and drink afterwards plenty of water. Do NOT induce vomiting. Obtain medical attention. |

4.2 Most important symptoms and effects, both acute and delayed

| | |
|----------|--|
| Symptoms | Contact with eyes or skin causes irritation. Repeated or prolonged skin contact may cause skin irritation and/or dermatitis and sensitisation of susceptible persons. |
|----------|--|

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Hygiene measures

Take off all contaminated clothing immediately.
Keep working clothes separately.
Wash hands before breaks and immediately after handling the product.
After washing hands, replenish lost skin oil by means of oily skin ointment.
When using do not eat, drink or smoke.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers

Keep out of reach of children.
Store in original container.
Containers which are opened must be carefully resealed and kept upright to prevent leakage.
Protect from frost, heat and sunlight.
Keep in a dry place.

Advice on common storage

No materials to be especially mentioned.

7.3 Specific end use(s)

For further information, see also Technical Data Sheet for the product.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Occupational Exposure Limits

Contains no substances with occupational exposure limit values.
The lists that were valid during the creation were used as basis.
Monitoring procedures for the assessment of workplace exposure: standard EN 482

8.2 Exposure controls

Engineering measures

Washing facilities / water for rinsing eyes and skin should be available.

Personal protective equipment

Eye/face protection : Safety glasses with side-shields conforming to EN166

Hand protection

Material : Nitrile rubber

Glove thickness : 0,2 mm

Wearing time : < 20 min

Material : Nitrile rubber

Glove thickness : 0,4 mm

Wearing time : > 480 min

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- Remarks : Gloves made of the following materials are suitable as protection from splashes: Gloves made of nitrile rubber, e.g. KCL 743 Dermatril® P (Kächele-Cama-Latex GmbH, Hotline: 0049(0)6659-87-300, kcl-uk@kcl.de), or equivalent. Wetted gloves must be disposed of immediately!
- Gloves in the following material can be used for prolonged contact up to max. 8 hours:
- Gloves made of nitrile rubber, e.g. KCL 730 Camatril® Velours (Kächele-Cama-Latex GmbH, Hotline: 0049(0)6659-87-300, kcl-uk@kcl.de), or equivalent. Dispose of wetted gloves at the end of the shift!
- The selected protective gloves have to satisfy the specifications of Regulation (EU) 2016/425 and the standard EN 374 derived from it. Cotton undergloves are recommendable when wearing protective gloves! To avoid skin problems reduce the wearing of gloves to the required minimum. Only use chemical-protective gloves with CE-labelling of category III.
- Skin and body protection : Impervious clothing
- If splashes are likely to occur, wear:
- Solvent-resistant apron and boots
- Respiratory protection : Breathing protection equipment required in inadequately ventilated places and during spraying.
- Recommended Filter type:
- A/P2 combination filter, alternatively a respiratory protective device independent from the surrounding air.
- Respiratory protection complying with EN 14387.
- For rescue and maintenance work in storage tanks use self-contained breathing apparatus.
- Protective measures : The instructions for the personal protective equipment apply to the handling of both individual components and of the ready-to-use mixture.

Environmental exposure controls

- Air : Avoid release to the environment.
- Soil : Avoid subsoil penetration.
- Water : Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform

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respective authorities.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

| | | |
|--|---|-------------------|
| Physical state | : | liquid |
| Colour | : | light yellow |
| Odour | : | characteristic |
| Odour Threshold | : | No data available |
| Melting point/freezing point | : | No data available |
| Initial boiling point and boiling range | : | > 200 °C |
| Upper explosion limit / Upper flammability limit | : | No data available |
| Lower explosion limit / Lower flammability limit | : | No data available |
| Flash point | : | > 100 °C |

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Decomposition temperature : No data available

pH : 6 - 8 (23 °C)
Concentration: 5 %

Viscosity
Viscosity, dynamic : ca. 1.700 mPa.s (23 °C)

Flow time : No data available

Solubility(ies)
Water solubility : immiscible

Partition coefficient: n-
octanol/water : not determined

Vapour pressure : No data available

Density : ca. 1,13 g/cm³

Relative vapour density : No data available

9.2 Other information

Explosives : Not explosive

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Oxidizing properties : Not applicable

Flammability (liquids) : Not applicable

Self-ignition : not auto-flammable

Evaporation rate : not applicable

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

Hazardous reactions Reacts with amines.
 Reacts with acids.
 Reacts with the following substances:
 alkalines

10.4 Conditions to avoid

Conditions to avoid Direct sources of heat.
 Strong sunlight for prolonged periods.

10.5 Incompatible materials

Materials to avoid Strong acids and strong bases
 Avoid unintentional contact with amines.
 Strong oxidizing agents

10.6 Hazardous decomposition products

No decomposition if stored and applied as directed.

Polymerisation is a highly exothermic reaction and may generate sufficient heat to cause thermal decomposition and/or rupture containers.

In case of fire hazardous decomposition products may be produced such as:
Hydrogen chloride (HCl)

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SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

Product:

Acute oral toxicity Based on available data, the classification criteria are not met.

Acute inhalation toxicity Based on available data, the classification criteria are not met.

Acute dermal toxicity Based on available data, the classification criteria are not met.

Skin corrosion/irritation

Product:

Causes skin irritation.

Components:

bis-[4-(2,3-epoxipropoxy)phenyl]propane:

Causes skin irritation.

Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol:

Causes skin irritation.

Serious eye damage/eye irritation

Product:

Causes serious eye irritation.

Components:

bis-[4-(2,3-epoxipropoxy)phenyl]propane:

Causes serious eye irritation.

Oxirane, mono[(polymeric alkyl)methyl] derivs.:

Causes serious eye irritation.

Respiratory or skin sensitisation

Product:

May cause an allergic skin reaction.
Does not cause respiratory sensitisation.

Components:

bis-[4-(2,3-epoxipropoxy)phenyl]propane:

May cause an allergic skin reaction.

Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol:

May cause an allergic skin reaction.

Germ cell mutagenicity

Product:

Genotoxicity in vitro Based on available data, the classification criteria are not met.

Carcinogenicity

Product:

Based on available data, the classification criteria are not met.

Reproductive toxicity

Product:

Effects on fertility Based on available data, the classification criteria are not met.

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Developmental Toxicity Based on available data, the classification criteria are not met.

STOT - single exposure
Product:

Based on available data, the classification criteria are not met.

STOT - repeated exposure
Product:

Based on available data, the classification criteria are not met.

Aspiration toxicity
Product:

Based on available data, the classification criteria are not met.

Further information
Product:

The product itself has not been tested. The mixture is classified in accordance with Annex I to EC Directive 1272/2008. (See sections 2 and 3 for details).

11.2 Information on other hazards

Endocrine disrupting properties
Product:

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Further information
Product:

Remarks : The product itself has not been tested. The mixture is classified in accordance with Annex I to EC Directive 1272/2008. (See sections 2 and 3 for details).

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Product:

Toxicity to fish No data available

12.2 Persistence and degradability

Product:

Biodegradability No data available

Components:

bis-[4-(2,3-epoxipropoxy)phenyl]propane:

Biodegradability not rapidly degradable

12.3 Bioaccumulative potential

Product:

Bioaccumulation No data available

12.4 Mobility in soil

Product:

Mobility No data available

12.5 Results of PBT and vPvB assessment

Product:

Assessment This substance/mixture contains no components considered to be

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either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher..

12.6 Endocrine disrupting properties

Product:

Assessment

: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7 Other adverse effects

Product:

Additional ecological information

Do not use in the direct vicinity of bodies of water. Do not allow the agent or any product residues to enter into waters, the soil or the sewage system.
Even small quantities emptied into the soil can affect the quality of drinking water.
Toxic to aquatic life with long lasting effects.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product

The user is responsible for proper coding and marking of any waste. When used as recommended, the waste code can be selected according to the code of the European Waste Catalogue (EWC), category 17.09 "Other Construction and Demolition Waste"
Unhardened product residues should be disposed of under the recommended waste code number.

Contaminated packaging

Packaging that is not properly emptied must be disposed of as the unused product.
Empty packaging should be recycled through disposal systems.

Waste key for the unused product

08 01 11* waste paint and varnish containing organic solvents or other hazardous substances

(*): hazardous waste in terms of the European directive 2008/98/EG

SECTION 14: TRANSPORT INFORMATION

14.1 UN number or ID number

ADR 3082

IMDG 3082

IATA 3082

14.2 UN proper shipping name

ADR ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(Epoxy resin)

IMDG ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

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(Epoxy resin)

IATA

Environmentally hazardous substance, liquid, n.o.s.

(Epoxy resin)

14.3 Transport hazard class(es)**ADR**

9

IMDG

9

IATA

9

14.4 Packing group**ADR**

Packing group

III

Classification Code

M6

Hazard Identification Number

90

Labels

9

Tunnel restriction code

(-)

IMDG

Packaging group

III

Labels

9

EmS number

F-A, S-F

IATA

Packaging group

III

Labels

9

14.5 Environmental hazards**ADR**

Environmentally hazardous : yes

IMDG

Marine pollutant : yes

14.6 Special precautions for user

Remarks

This information is not available.

14.7 Maritime transport in bulk according to IMO instruments

Remarks

Not applicable

Additional advice

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ADR

Transport in accordance to special provision 375

IMDG

Transport in accordance with 2.10.2.7 of the IMDG.

SECTION 15: REGULATORY INFORMATION

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

VOC
Directive 2010/75/EU 0 %

VOC
Directive 2004/42/EC 0 %

EU limit value for this product (cat. A/j) :140 g/l This product contains max140 g/lVOC.

Regulation (EU) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals Not applicable

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII) Conditions of restriction for the following entries should be considered: (75, 3)bis-[4-(2,3-epoxipropoxy)phenyl]propane

Further notes For further information, see also Technical Data Sheet for the product.

Other regulations Take note of Dir 94/33/EC on the protection of young people at work. Take note of Dir 92/85/EEC on the safety and health at work of pregnant workers.

15.2 Chemical safety assessment

This information is not available.

SECTION 16: OTHER INFORMATION

Changes from the previous version are indicated by markings in the left-hand margin. The information in this Safety Data Sheet corresponds to our present state of knowledge and conforms to both national and EU legislation. The user's working conditions are, however, beyond our knowledge and control. The user is responsible for complying with all necessary legal requirements. The information in this Safety Data Sheet describes the safety requirements of our product and does not constitute any assurance of product properties.

Full text of H-Statements

H315 : Causes skin irritation.

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