

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## DisboXID 467 Comp. A Basis Weiß

|         |                |            |                                 |
|---------|----------------|------------|---------------------------------|
| Version | Revision Date: | Print Date | Date of last issue: -           |
| 1.0     | 08.09.2022     | 07.07.2023 | Date of first issue: 08.09.2022 |

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

#### 1.1 Product identifier

Trade name : DisboXID 467 Comp. A Basis Weiß

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

Use of the Substance/Mixture : Epoxide-resin-based coating material, totally solid

Recommended restrictions on use : within adequate application - none

#### 1.3 Details of the supplier of the safety data sheet

Company : Disbon GmbH  
Roßdörfer Straße 50  
64372 Ober-Ramstadt

Telephone : +496154710  
Telefax : +4961547170222  
E-mail address Responsible/issuing person : msds@dr-rmi.com

#### 1.4 Emergency telephone

Emergency telephone 1 : +49613284463 GBK GmbH

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### 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.                     |
| Skin sensitization, Category 1                 | H317: May cause an allergic skin reaction.               |
| Long-term (chronic) aquatic hazard, Category 3 | H412: Harmful to aquatic life with long lasting effects. |

#### 2.2 Label elements

##### Labeling (REGULATION (EC) No 1272/2008)


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- Hazard pictograms : 
- Signal Word : Warning
- Hazard Statements : H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.  
H412 Harmful to aquatic life with long lasting effects.
- Precautionary Statements : **Prevention:**  
P262 Do not get in eyes, on skin, or on clothing.  
P264 Wash hands thoroughly after handling.  
P273 Avoid release to the environment.  
P280 Wear protective gloves/ eye protection.
- Response:**  
P332 + P313 If skin irritation occurs: Get medical advice/ attention.  
P337 + P313 If eye irritation persists: Get medical advice/ attention.

### Hazardous ingredients which must be listed on the label:

bis-[4-(2,3-epoxipropoxy)phenyl]propane  
bisphenol-F epoxy resin MW <700  
1,6-Hexanediol, reaction products with epichlorohydrin  
oxirane, mono[(C12-14-alkyloxy)methyl] derivs.

### Additional Labeling

EUH211 Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

### 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.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

Components

| Chemical name | CAS-No.<br>EC-No. | Classification | Concentration<br>(% w/w) |
|---------------|-------------------|----------------|--------------------------|
|---------------|-------------------|----------------|--------------------------|

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|  | Index-No.<br>Registration number                            |   |               |
|--|---|---|---------------|
| bis-[4-(2,3-epoxipropoxy)phenyl]propane  | 1675-54-3<br>216-823-5<br>603-073-00-2<br>01-2119456619-26  | Skin Irrit. 2; H315<br>Eye Irrit. 2; H319<br>Skin Sens. 1; H317<br>Aquatic Chronic 2;<br>H411<br><hr/> specific concentration<br>limit<br>Eye Irrit. 2; H319<br>>= 5 %<br>Skin Irrit. 2; H315<br>>= 5 % | >= 10 - < 20  |
| titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm] | 13463-67-7<br>236-675-5<br>022-006-00-2<br>01-2119489379-17 | Carc. 2; H351   | >= 10 - < 20  |
| bisphenol-F epoxy resin MW <700  | 9003-36-5<br>500-006-8<br>01-2119454392-40                  | Skin Irrit. 2; H315<br>Skin Sens. 1; H317<br>Aquatic Chronic 2;<br>H411   | >= 2,5 - < 10 |
| 1,6-Hexanediol, reaction products with epichlorohydrin   | 933999-84-9<br><br>01-2119463471-41                         | Skin Irrit. 2; H315<br>Skin Sens. 1; H317<br>Eye Irrit. 2; H319<br>Aquatic Chronic 3;<br>H412   | >= 2,5 - < 10 |
| oxirane, mono[(C12-14-alkyloxy)methyl] derivs.   | 68609-97-2<br>271-846-8<br>603-103-00-4<br>01-2119485289-22 | Skin Irrit. 2; H315<br>Skin Sens. 1; H317   | >= 1 - < 10   |
| Substances with a workplace exposure limit :   |   |   |               |
| silicon carbide  | 409-21-2<br>206-991-8<br>01-2119402892-42                   |   | >= 30 - < 50  |
| Quartz (SiO <sub>2</sub> )   | 14808-60-7<br>238-878-4<br>01-2120770509-45                 |   | >= 10 - < 20  |
| barium sulfate   | 7727-43-7<br>231-784-4<br>01-2119491274-35                  |   | >= 1 - < 10   |

For explanation of abbreviations see section 16.

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### SECTION 4: First aid measures

#### 4.1 Description of first-aid measures

- General advice : Never give anything by mouth to an unconscious person.  
If you feel unwell, seek medical advice (show the label where possible).  
Move out of dangerous area.  
First aider needs to protect himself.
- If inhaled : Move to fresh air.
- In case of skin contact : Do NOT use solvents or thinners.  
In case of contact, immediately flush skin with soap and plenty of water.  
Take off all contaminated clothing immediately.
- In case of eye contact : IF IN EYES: Rinse cautiously with water for several minutes.  
Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician.
- If swallowed : Call a physician.  
Clean mouth with water and drink afterwards plenty of water.  
If swallowed, DO NOT induce vomiting.

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

None known.

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

Treatment : No information available.

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.  
Foam  
Carbon dioxide (CO<sub>2</sub>)
- Unsuitable extinguishing media : None known.

#### 5.2 Special hazards arising from the substance or mixture

- Specific hazards during fire fighting : Cool closed containers exposed to fire with water spray.  
Hazardous decomposition products formed under fire conditions.

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### 5.3 Advice for firefighters

Special protective equipment : In the event of fire, wear self-contained breathing apparatus for fire-fighters

Further information : Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. Standard procedure for chemical fires. In the event of fire and/or explosion do not breathe fumes.

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## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Do not get in eyes, on skin, or on clothing. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Ensure adequate ventilation. Remove all sources of ignition.

### 6.2 Environmental precautions

Environmental precautions : Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities. Do not flush into surface water or sanitary sewer system.

### 6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Keep in suitable, closed containers for disposal. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

### 6.4 Reference to other sections

For further information see Section 7 of the safety data sheet.

, For personal protection see section 8., For disposal considerations see section 13.

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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Advice on safe handling : For personal protection see section 8. Avoid exceeding the given occupational exposure limits (see section 8). Provide sufficient air exchange and/or exhaust in work rooms.

In addition, the current technical information for this product and its application on [www.caparol.com](http://www.caparol.com) must be observed.

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Advice on protection against fire and explosion : The product is flammable but not readily ignited.

Hygiene measures : Avoid contact with the skin and the eyes. Wash hands before eating, drinking, or smoking. Do not eat, drink or smoke when using this product.

### 7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Store in original container. Store between 41 and 77 °F in a dry, well ventilated place away from sources of heat, ignition and direct sunlight. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Storage class (TRGS 510) : 10, Combustible liquids

### 7.3 Specific end use(s)

Specific use(s) : This information is not available.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational Exposure Limits

| Components   | CAS-No.    | Value type (Form of exposure)                | Control parameters                        | Basis       |
|--|------------|--|---|-------------|
| silicon carbide  | 409-21-2   | AGW (Inhalable fraction)                     | 10 mg/m <sup>3</sup>                      | DE TRGS 900 |
|  |            | Peak-limit category: 2;(II)                  |   |             |
|  |            | AGW (Alveolate fraction)                     | 1,25 mg/m <sup>3</sup>                    | DE TRGS 900 |
|  |            | Peak-limit category: 2;(II)                  |   |             |
| Quartz (SiO <sub>2</sub> )   | 14808-60-7 | TWA (Respirable dust)                        | 0,1 mg/m <sup>3</sup>                     | 2004/37/EC  |
|  |            | Further information: Carcinogens or mutagens |   |             |
| titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm] | 13463-67-7 | AGW (Inhalable fraction)                     | 10 mg/m <sup>3</sup> (Titanium dioxide)   | DE TRGS 900 |
|  |            | Peak-limit category: 2;(II)                  |   |             |
|  |            | AGW (Alveolate fraction)                     | 1,25 mg/m <sup>3</sup> (Titanium dioxide) | DE TRGS 900 |
|  |            | Peak-limit category: 2;(II)                  |   |             |
| barium sulfate   | 7727-43-7  | AGW (Inhalable)                              | 10 mg/m <sup>3</sup>                      | DE TRGS     |

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|  |  |                          |            |             |
|--|--|--------------------------|------------|-------------|
|  |  | fraction)                |            | 900         |
|  | Peak-limit category: 2;(II)  |                          |            |             |
|  | Further information: Senate commission for the review of compounds at the work place dangerous for the health (MAK-commission)., Commission for dangerous substances, General dust value. For this substance no specific occupational exposure limit value is established, since the AGS does not yet have information regarding unspecific action on the respiratory organs in excess of the normal values. |                          |            |             |
|  |  | AGW (Alveolate fraction) | 1,25 mg/m3 | DE TRGS 900 |
|  | Peak-limit category: 2;(II)  |                          |            |             |
|  | Further information: Senate commission for the review of compounds at the work place dangerous for the health (MAK-commission)., Commission for dangerous substances, General dust value. For this substance no specific occupational exposure limit value is established, since the AGS does not yet have information regarding unspecific action on the respiratory organs in excess of the normal values. |                          |            |             |

### Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:

| Substance name   | End Use   | Routes of exposure | Potential health effects   | Value               |
|--|-----------|--------------------|----------------------------|---------------------|
| silicon carbide  | Consumers | Skin contact       | Acute systemic effects     | 200,00 mg/kg bw/day |
|  | Consumers | Ingestion          | Acute systemic effects     | 13,00 mg/kg bw/day  |
|  | Consumers | Inhalation         | Acute systemic effects     | 23,00 mg/m3         |
|  | Workers   | Inhalation         | Acute systemic effects     | 94,00 mg/m3         |
| titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm] | Consumers | Ingestion          | Long-term systemic effects | 700,00 mg/kg bw/day |
|  | Workers   | Inhalation         | Long-term local effects    | 10,00 mg/m3         |
| bisphenol-F epoxy resin MW <700  | Consumers | Skin contact       | Long-term systemic effects | 62,50 mg/kg bw/day  |
|  | Consumers | Ingestion          | Long-term systemic effects | 6,25 mg/kg bw/day   |
|  | Consumers | Inhalation         | Long-term systemic effects | 8,70 mg/m3          |
|  | Workers   | Skin contact       | Acute local effects        | 8,30 µg/cm2         |
|  | Workers   | Skin contact       | Long-term systemic effects | 104,15 mg/kg bw/day |
|  | Workers   | Inhalation         | Long-term systemic effects | 29,39 mg/m3         |
| 1,6-Hexanediol, reac-  | Consumers | Skin contact       | Acute systemic ef-         | 1,70 mg/kg          |

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| tion products with epichlorohydrin |           |              | fects                      | bw/day                   |
|------------------------------------|-----------|--------------|----------------------------|--------------------------|
|                                    | Consumers | Skin contact | Long-term systemic effects | 1,70 mg/kg bw/day        |
|                                    | Consumers | Skin contact | Long-term local effects    | 13,60 µg/cm <sup>2</sup> |
|                                    | Consumers | Inhalation   | Long-term local effects    | 0,27 mg/m <sup>3</sup>   |
|                                    | Consumers | Inhalation   | Acute systemic effects     | 2,90 mg/m <sup>3</sup>   |
|                                    | Consumers | Ingestion    | Acute systemic effects     | 0,83 mg/kg bw/day        |
|                                    | Consumers | Ingestion    | Long-term systemic effects | 0,83 mg/kg bw/day        |
|                                    | Consumers | Inhalation   | Long-term systemic effects | 2,90 mg/m <sup>3</sup>   |
|                                    | Consumers | Skin contact | Acute local effects        | 13,60 µg/cm <sup>2</sup> |
| barium sulfate                     | Consumers | Inhalation   | Long-term systemic effects | 10,00 mg/m <sup>3</sup>  |
|                                    | Consumers | Ingestion    | Long-term systemic effects | 13000,00 mg/kg bw/day    |
|                                    | Workers   | Inhalation   | Long-term systemic effects | 10,00 mg/m <sup>3</sup>  |
|                                    | Workers   | Inhalation   | Long-term local effects    | 10,00 mg/m <sup>3</sup>  |

### Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006:

| Substance name   | Environmental Compartment | Value                          |
|--|---------------------------|--------------------------------|
| titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm] | Sewage treatment plant    | 100 mg/l                       |
|  | Fresh water               | 0,184 mg/l                     |
|  | Soil                      | 100 mg/kg dry weight (d.w.)    |
|  | Sea water                 | 0,0184 mg/l                    |
|  | Fresh water sediment      | 1000 mg/kg dry weight (d.w.)   |
|  | Sea sediment              | 100 mg/kg dry weight (d.w.)    |
|  | Intermittent use/release  | 0,193 mg/l                     |
| bisphenol-F epoxy resin MW <700  | Fresh water               | 0,003 mg/l                     |
|  | Fresh water sediment      | 0,294 mg/kg dry weight (d.w.)  |
|  | Intermittent use/release  | 0,0254 mg/l                    |
|  | Sea sediment              | 0,0294 mg/kg dry weight (d.w.) |
|  | Sea water                 | 0,0003 mg/l                    |



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|  |                          |                                |
|--|--------------------------|--------------------------------|
|  | Sewage treatment plant   | 10 mg/l                        |
|  | Soil                     | 0,237 mg/kg dry weight (d.w.)  |
| 1,6-Hexanediol, reaction products with epichlorohydrin | Sea water                | 0,00115 mg/l                   |
|  | Fresh water              | 0,0115 mg/l                    |
|  | Soil                     | 0,223 mg/kg dry weight (d.w.)  |
|  | Sewage treatment plant   | 1 mg/l                         |
|  | Intermittent use/release | 0,115 mg/l                     |
|  | Sea sediment             | 0,0283 mg/kg dry weight (d.w.) |
|  | Fresh water sediment     | 0,283 mg/kg dry weight (d.w.)  |
| barium sulfate   | Fresh water              | 115 µg/l                       |
|  | Fresh water sediment     | 600,4 mg/kg dry weight (d.w.)  |
|  | Soil                     | 207,7 mg/kg dry weight (d.w.)  |
|  | Sewage treatment plant   | 62,2 mg/l                      |

### 8.2 Exposure controls

#### Personal protective equipment

Eye protection : German trade association rules - BGR 192 Eye protection

Tightly fitting safety goggles

Hand protection

Material : Nitrile rubber  
Glove thickness : 0,2 mm  
Protective index : Class 3

Remarks : Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough. Before removing gloves clean them with soap and water. Wear suitable gloves tested to EN374.  
German trade association leaflet: Carry gloves (ZH 1/706)

Skin and body protection : Safety shoes  
Use appropriate degowning techniques to remove potentially contaminated clothing.  
Additional body garments should be used based upon the task being performed (e.g., sleevelets, apron, gauntlets, disposable suits) to avoid exposed skin surfaces.  
Long sleeved clothing

Choose body protection according to the amount and concentration of the dangerous substance at the work place.

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Skin should be washed after contact.

Respiratory protection : Roller application or brushing: 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.

German trade association rules - BGR 190 Breathing protection

During spray application: Do not breathe spray dust. Use A2/P2 combination filter for paint spraying.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

|  |   |   |
|--|---|---|
| Physical state                                   | : | liquid                                      |
| Color  | : | No data available                           |
| Odor   | : | No data available                           |
| Melting point/freezing point                     | : | not determined                              |
| Boiling point/boiling range                      | : | not determined                              |
| Upper explosion limit / Upper flammability limit | : | not determined                              |
| Lower explosion limit / Lower flammability limit | : | not determined                              |
| Flash point                                      | : | > 100 °C                                    |
| Autoignition temperature                         | : | not determined                              |
| Decomposition temperature                        | : | Not applicable                              |
| pH   | : | substance/mixture is non-soluble (in water) |
| Viscosity  | : |   |
| Viscosity, dynamic                               | : | No data available                           |
| Solubility(ies)                                  | : |   |
| Water solubility                                 | : | insoluble                                   |

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Partition coefficient: n-octanol/water : not determined

Vapor pressure : not determined

Density : 1,9400 g/cm<sup>3</sup>

Relative vapor density : not determined

### 9.2 Other information

Oxidizing properties : Not applicable

Flammability (liquids) : The product is not flammable.

Evaporation rate : Not applicable

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No decomposition if stored and applied as directed.

### 10.2 Chemical stability

No decomposition if stored and applied as directed.

### 10.3 Possibility of hazardous reactions

Hazardous reactions : Hazardous decomposition products formed under fire conditions.

### 10.4 Conditions to avoid

Conditions to avoid : Protect from frost, heat and sunlight.

### 10.5 Incompatible materials

Materials to avoid : Incompatible with acids.  
Incompatible with oxidizing agents.

### 10.6 Hazardous decomposition products

No decomposition if stored and applied as directed.

## SECTION 11: Toxicological information

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

#### Acute toxicity

##### Product:

Acute oral toxicity : Remarks: Based on available data, the classification criteria

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are not met.

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

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

### Skin corrosion/irritation

#### Product:

Remarks : May cause skin irritation and/or dermatitis.

### Serious eye damage/eye irritation

#### Product:

Remarks : Vapors may cause irritation to the eyes, respiratory system and the skin.

### Respiratory or skin sensitization

#### Product:

Remarks : Causes sensitization.

## 11.2 Information on other hazards

### Further information

#### Product:

Remarks : Although the product only contains epoxy resins with high molecular weight, follow good industrial hygiene practice and avoid prolonged skin contact.

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## SECTION 12: Ecological information

### 12.1 Toxicity

#### Product:

Toxicity to fish : Remarks: No data available

Toxicity to daphnia and other aquatic invertebrates : Remarks: No data available

#### Components:

**barium sulfate:**

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Toxicity to fish : Remarks: No toxicity at the limit of solubility.

Toxicity to daphnia and other aquatic invertebrates : Remarks: No toxicity at the limit of solubility.

Toxicity to algae/aquatic plants : Remarks: No toxicity at the limit of solubility.

Toxicity to fish (Chronic toxicity) : Remarks: No toxicity at the limit of solubility.

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : Remarks: No toxicity at the limit of solubility.

### 12.2 Persistence and degradability

No data available

### 12.3 Bioaccumulative potential

#### Components:

#### **1,6-Hexanediol, reaction products with epichlorohydrin:**

Partition coefficient: n-octanol/water : log Pow: ca. 0,822 (20 °C)

#### **oxirane, mono[(C12-14-alkyloxy)methyl] derivs.:**

Partition coefficient: n-octanol/water : log Pow: 3,77  
Method: OECD Test Guideline 107

### 12.4 Mobility in soil

No data available

### 12.5 Results of PBT and vPvB assessment

#### Product:

Assessment : 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.

### 12.6 Endocrine disrupting properties

No data available

### 12.7 Other adverse effects

#### Product:

Additional ecological information : Harmful to aquatic organisms, may cause long-term adverse

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mation effects in the aquatic environment.

### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

- Product : Uncured product residues and unpurified packaging should be disposed of as hazardous waste.  
Material residues: Allow the basic substance to harden with hardener and dispose of as paint waste.  
Waste should not be disposed of via wastewater.
- Contaminated packaging : Only completely emptied containers should be given for recycling.
- Waste Code : used product  
080111\*, waste paint and varnish containing organic solvents or other dangerous substances

### SECTION 14: Transport information

#### 14.1 UN number or ID number

Not regulated as a dangerous good

#### 14.2 UN proper shipping name

Not regulated as a dangerous good

#### 14.3 Transport hazard class(es)

Not regulated as a dangerous good

#### 14.4 Packing group

Not regulated as a dangerous good

#### 14.5 Environmental hazards

Not regulated as a dangerous good

#### 14.6 Special precautions for user

Remarks : Not classified as dangerous in the meaning of transport regulations.

#### 14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

### SECTION 15: Regulatory information

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

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## DisboXID 467 Comp. A Basis Weiß

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REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII) : Conditions of restriction for the following entries should be considered: Number on list 3

REACH - Candidate List of Substances of Very High Concern for Authorization (Article 59) : This product is a mixture and does not contain Substances of Very High Concern (SVHC) equal or above 0.1%. Therefore no advised uses have to be defined and no chemical safety assessment has to be generated.

REACH - List of substances subject to authorisation (Annex XIV) : None

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances. : Not applicable

Water hazard class (Germany) : 2 significantly water endangering  
Classification according to AwSV, Annex 1 (5.2)

Product code for laquers and paints / Giscode : RE1 Epoxy resin products, solvent-free, sensitising

. : RE30 Epoxy resin products, sensitising, totally solid

Volatile organic compounds : Directive 2004/42/EC  
< 0.1 %  
< 1 g/l

### Other regulations:

Take note of Directive 94/33/EC on the protection of young people at work or stricter national regulations, where applicable.

## 15.2 Chemical Safety Assessment

A Chemical Safety Assessment is not required for this mixture.

## SECTION 16: Other information

### Full text of H-Statements

H315 : Causes skin irritation.  
H317 : May cause an allergic skin reaction.  
H319 : Causes serious eye irritation.  
H351 : Suspected of causing cancer if inhaled.

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H411 : Toxic to aquatic life with long lasting effects.  
H412 : Harmful to aquatic life with long lasting effects.

### Full text of other abbreviations

Aquatic Chronic : Long-term (chronic) aquatic hazard  
Carc. : Carcinogenicity  
Eye Irrit. : Eye irritation  
Skin Irrit. : Skin irritation  
Skin Sens. : Skin sensitization  
2004/37/EC : Europe. Directive 2004/37/EC on the protection of workers from the risks related to exposure to carcinogens or mutagens at work  
DE TRGS 900 : Germany. TRGS 900 - Occupational exposure limit values.  
2004/37/EC / TWA : Long term exposure limit  
DE TRGS 900 / AGW : Time Weighted Average

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - substance of very high concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

### Further information

#### Other information:

No exposure scenario communication is required for this product according to REACH Regulation No. 1907/2006 EC.

Communication of Uses is not required in accordance with REACH Article 31(1)(a) - registered substances / mixtures do not meet the criteria for classification as hazardous in accordance with Regulations 1272/2008 EC or 1999/45/EC.

#### Sources of key data used to compile the Material Safety Data Sheet:

ECHA WebSite

ACGIH (American Conference of Government Industrial Hygienists). 2014 TLVs and BEIs.

Threshold Limit Values (TLVs) for chemical substances and physical agents and Biological Exposure Indices (BEIs) with Seventh Edition documentation. 2014 ACGIH, Cincinnati OH

NIOSH - Registry of toxic effects of chemical substances

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities

SAX'S - Dangerous properties of industrial materials



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GESTIS - Database on hazardous substances - Institut für Arbeitsschutz der Deutschen Gesetzlichen Unfallversicherung (IFA, Institute for Occupational Safety and Health of the German Social Accident Insurance)

Toxnet - Toxicology Data Network

### Classification of the mixture:

|                   |      |
|-------------------|------|
| Skin Irrit. 2     | H315 |
| Eye Irrit. 2      | H319 |
| Skin Sens. 1      | H317 |
| Aquatic Chronic 3 | H412 |

### Classification procedure:

|                    |
|--------------------|
| Calculation method |
| Calculation method |
| Calculation method |
| Calculation method |

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

### REACH Information

According to our legal obligation we implement the Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH). We will adjust and update our safety data sheets on a regular base in accordance with the information of our upstream-suppliers. As usual we will inform you about the adjustments.

Regarding to the REACH regulation we would like to point out that DAW as a downstream user will not register on behalf of our company. We will rely on information from our suppliers. As soon as new information is available our safety data sheets will be amended accordingly.

DE / EN