

Trade name: Hesse Priming stain PEX BG XX-FT

Version: 23 / ZA

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

1.1. Product identifier

Hesse Priming stain PEX BG XX-FT

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

Use of the substance/preparation

Surface treatment of wood and other materials

Identified Uses

| | |
|-------|--|
| | REACHSET 1000 |
| SU3 | Industrial uses: Uses of substances as such or in preparations at industrial sites |
| ERC4 | Industrial use of processing aids in processes and products, not becoming part of articles |
| ERC5 | Industrial use resulting in inclusion into or onto a matrix |
| PROC7 | Industrial spraying |

| | |
|--------|--|
| | REACHSET 2001 |
| SU22 | Professional uses: Public domain (administration, education, entertainment, services, craftsmen) |
| ERC8a | Wide dispersive indoor use of processing aids in open systems |
| ERC8c | Wide dispersive indoor use resulting in inclusion into or onto a matrix |
| PROC11 | Non industrial spraying |

| | |
|--------|--|
| | REACHSET 2003 |
| SU22 | Professional uses: Public domain (administration, education, entertainment, services, craftsmen) |
| ERC8a | Wide dispersive indoor use of processing aids in open systems |
| ERC8c | Wide dispersive indoor use resulting in inclusion into or onto a matrix |
| PROC10 | Roller application or brushing |

| | |
|--------|---|
| | REACHSET 3001 |
| SU21 | Consumer uses: Private households (= general public = consumers) |
| ERC8a | Wide dispersive indoor use of processing aids in open systems |
| ERC8c | Wide dispersive indoor use resulting in inclusion into or onto a matrix |
| PROC11 | Non industrial spraying |

| | |
|--------|---|
| | REACHSET 3003 |
| SU21 | Consumer uses: Private households (= general public = consumers) |
| ERC8a | Wide dispersive indoor use of processing aids in open systems |
| ERC8c | Wide dispersive indoor use resulting in inclusion into or onto a matrix |
| PROC10 | Roller application or brushing |

1.3. Details of the supplier of the safety data sheet

Manufacturer

Hesse GmbH & Co. KG
Warendorfer Strasse 21
59075 Hamm (Germany)

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Telephone no. +49 (0) 2381 963-00
Fax no. +49 (0) 2381 963-849
E-mail address ps@hesse-lignal.de

1.4. Emergency telephone number

Germany: +49 (0) 2381 788-612

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (Regulation (EC) No. 1272/2008)

Classification (Regulation (EC) No. 1272/2008)

Skin Sens. 1 H317

Eye Irrit. 2 H319

The product is classified and labelled in accordance with Regulation (EC) No 1272/2008
For explanation of abbreviations see section 16.

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

Hazard pictograms



Signal word

Warning

Hazard statements

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

Precautionary statements

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P264 Wash hands thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)

contains Acid Brown 355; 1,2-benzisothiazol-3(2H)-one; Acid Violet 90

2.3. Other hazards

The product contains no PBT substances. The product contains no vPvB substances. This product does not contain a substance that has endocrine disrupting properties with respect to human. The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

SECTION 3: Composition/information on ingredients

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Hazardous ingredients

2-(2-butoxyethoxy)ethanol

| | | | | |
|--|------------------|---|------|---|
| CAS No. | 112-34-5 | | | |
| EINECS no. | 203-961-6 | | | |
| Registration no. | 01-2119475104-44 | | | |
| Concentration | >= 1 | < | 10 | % |
| Classification (Regulation (EC) No. 1272/2008) | | | | |
| | Eye Irrit. 2 | | H319 | |

Acid Brown 355

| | | | | |
|--|-------------------|---|------|---|
| CAS No. | 84989-26-4 | | | |
| EINECS no. | 284-915-2 | | | |
| Registration no. | 01-2120077343-57 | | | |
| Concentration | >= 1 | < | 10 | % |
| Classification (Regulation (EC) No. 1272/2008) | | | | |
| | Skin Sens. 1 | | H317 | |
| | Aquatic Chronic 3 | | H412 | |

Acid Violet 90

| | | | | |
|--|-------------------|---|------|---|
| CAS No. | 61916-41-4 | | | |
| EINECS no. | 263-319-6 | | | |
| Concentration | >= 1 | < | 10 | % |
| Classification (Regulation (EC) No. 1272/2008) | | | | |
| | Eye Irrit. 2 | | H319 | |
| | Skin Sens. 1B | | H317 | |
| | Aquatic Chronic 3 | | H412 | |

1,2-benzisothiazol-3(2H)-one

| | | | | |
|--|-------------------|---|------|---|
| CAS No. | 2634-33-5 | | | |
| EINECS no. | 220-120-9 | | | |
| Registration no. | 01-2120761540-60 | | | |
| Concentration | >= 0,036 | < | 0,1 | % |
| Classification (Regulation (EC) No. 1272/2008) | | | | |
| | Acute Tox. 4 | | H302 | |
| | Skin Irrit. 2 | | H315 | |
| | Eye Dam. 1 | | H318 | |
| | Skin Sens. 1 | | H317 | |
| | Aquatic Acute 1 | | H400 | |
| | Aquatic Chronic 1 | | H410 | |
| | Acute Tox. 2 | | H330 | |

Concentration limits (Regulation (EC) No. 1272/2008)

| | | |
|--------------|------|------------|
| Skin Sens. 1 | H317 | >= 0,036 % |
|--------------|------|------------|

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Remove affected person from danger area, lay him down. In all cases of doubt, or when symptoms persist, seek medical attention. Get medical advice/attention if you feel unwell. First aider: Pay attention to self-protection!

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After inhalation

When spray fog inhaled, seek medical aid.

After skin contact

Wash off immediately with soap and water. Do NOT use solvents or thinners. Consult a doctor if skin irritation persists.

After eye contact

Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice. Take medical treatment.

After ingestion

Do not induce vomiting. Take medical treatment.

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

Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

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

Hints for the physician / treatment

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Recommended: alcohol resistant foam, CO₂, powders, water spray/mist

Non suitable extinguishing media

Do not use a solid water stream as it may scatter and spread fire.

5.2. Special hazards arising from the substance or mixture

Fire will produce dense black smoke. In a fire, hazardous decomposition products may be produced. Exposure to decomposition products may cause a health hazard.

5.3. Advice for firefighters

Special protective equipment for fire-fighting

In case of combustion evolution of dangerous gases possible. Use self-contained breathing apparatus.

Other information

Do not allow run-off from fire fighting to enter drains or water courses. Cool closed containers exposed to fire with water. Standard procedure for chemical fires.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Do not inhale vapours. Do not inhale gases. Do not inhale mist.

6.2. Environmental precautions

Do not allow to enter drains or waterways. Do not allow to enter soil, waterways or waste water canal. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

6.3. Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13).

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Clean contaminated floors and objects thoroughly with water and detergents, observing environmental regulations. Do NOT use solvents or thinners. Send in suitable containers for recovery or disposal.

6.4. Reference to other sections

Refer to protective measures listed in Sections 7 and 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Keep container tightly closed and dry in a cool, well-ventilated place. Avoid contact with skin and eyes. Avoid inhalation of vapour and spray mist. Do not eat, drink or smoke when using this product. Use personal protective clothing. For personal protection see Section 8.

Advice on protection against fire and explosion

Fight fire with normal precautions from a reasonable distance.

7.2. Conditions for safe storage, including any incompatibilities

Storage stability

Protect from frost.

Requirements for storage rooms and vessels

Keep only in the original container in a cool, well ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Hints on storage assembly

Store away from oxidising agents, from strongly alkaline and strongly acid materials.

Storage classes

Storage class according to TRGS 510 10 Flammable liquids

Further information on storage conditions

Keep away from heat. Protect from sunlight. Keep away from sources of ignition - No smoking. Store in accordance with the particular national regulations.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Other information

-

Derived No/Minimal Effect Levels (DNEL/DMEL)

2-(2-butoxyethoxy)ethanol

| | | |
|----------------------|--------------------------------|-----|
| Type of value | Derived No Effect Level (DNEL) | |
| Reference group | Workers (industrial) | |
| Duration of exposure | Short-term | |
| Route of exposure | inhalative | |
| Mode of action | Local effects | |
| Concentration | 14 | ppm |

| | | |
|----------------------|--------------------------------|--|
| Type of value | Derived No Effect Level (DNEL) | |
| Reference group | Workers (industrial) | |
| Duration of exposure | Long-term | |
| Route of exposure | Dermal exposure | |
| Mode of action | Systemic effects | |

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Concentration 20 mg/kg/d

Type of value Derived No Effect Level (DNEL)

Reference group Workers (industrial)

Duration of exposure Long-term

Route of exposure inhalative

Mode of action Systemic effects

Concentration 10 ppm

Type of value Derived No Effect Level (DNEL)

Reference group Workers (industrial)

Duration of exposure Long-term

Route of exposure inhalative

Mode of action Local effects

Concentration 10 ppm

Type of value Derived No Effect Level (DNEL)

Reference group Consumer

Duration of exposure Short-term

Route of exposure inhalative

Mode of action Local effects

Concentration 7,5 mg/m³

Type of value Derived No Effect Level (DNEL)

Reference group Consumer

Duration of exposure Long-term

Route of exposure Dermal exposure

Mode of action Systemic effects

Concentration 10 mg/kg/d

Type of value Derived No Effect Level (DNEL)

Reference group Consumer

Duration of exposure Long-term

Route of exposure inhalative

Mode of action Systemic effects

Concentration 5 mg/kg/d

Type of value Derived No Effect Level (DNEL)

Reference group Consumer

Duration of exposure Long-term

Route of exposure Oral exposure

Mode of action Systemic effects

Concentration 1,3 mg/kg/d

Type of value Derived No Effect Level (DNEL)

Reference group Consumer

Duration of exposure Long-term

Route of exposure inhalative

Mode of action Local effects

Concentration 5 mg/m³

Acid Brown 355

Type of value Derived No Effect Level (DNEL)

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| | | |
|-------------------------------------|--------------------------------|-------------------|
| Reference group | Workers (industrial) | |
| Duration of exposure | Long-term | |
| Route of exposure | inhalative | |
| Mode of action | Systemic effects | |
| Concentration | 0,51 | mg/m ³ |
| Type of value | Derived No Effect Level (DNEL) | |
| Reference group | Consumer | |
| Duration of exposure | Long-term | |
| Route of exposure | inhalative | |
| Mode of action | Systemic effects | |
| Concentration | 0,12 | mg/m ³ |
| Type of value | Derived No Effect Level (DNEL) | |
| Reference group | Consumer | |
| Duration of exposure | Long-term | |
| Route of exposure | Oral exposure | |
| Mode of action | Systemic effects | |
| Concentration | 0,04 | mg/kg/d |
| Type of value | Derived No Effect Level (DNEL) | |
| Reference group | Worker | |
| Duration of exposure | Long term | |
| Route of exposure | dermal | |
| Mode of action | Systemic effects | |
| Concentration | 0,36 | mg/kg/d |
| 1,2-benzisothiazol-3(2H)-one | | |
| Type of value | Derived No Effect Level (DNEL) | |
| Reference group | Worker | |
| Duration of exposure | Long term | |
| Route of exposure | inhalative | |
| Mode of action | Systemic effects | |
| Concentration | 6,81 | mg/m ³ |
| Type of value | Derived No Effect Level (DNEL) | |
| Reference group | Worker | |
| Duration of exposure | Long term | |
| Route of exposure | dermal | |
| Mode of action | Systemic effects | |
| Concentration | 0,966 | mg/kg |
| Type of value | Derived No Effect Level (DNEL) | |
| Reference group | Consumer | |
| Duration of exposure | Long term | |
| Route of exposure | inhalative | |
| Mode of action | Systemic effects | |
| Concentration | 1,2 | mg/m ³ |
| Type of value | Derived No Effect Level (DNEL) | |
| Reference group | Consumer | |
| Duration of exposure | Long term | |
| Route of exposure | dermal | |

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| | | |
|----------------|------------------|-------|
| Mode of action | Systemic effects | |
| Concentration | 0,345 | mg/kg |

Predicted No Effect Concentration (PNEC)

2-(2-butoxyethoxy)ethanol

| | | |
|---------------|------------------------------|-------|
| Type of value | PNEC | |
| Type | Freshwater | |
| Concentration | 1 | mg/l |
| Type of value | PNEC | |
| Type | marine water | |
| Concentration | 0,1 | mg/l |
| Type of value | PNEC | |
| Type | Fresh water sediment | |
| Concentration | 4 | mg/kg |
| Type of value | PNEC | |
| Type | saltwater sediment | |
| Concentration | 0,4 | mg/kg |
| Type of value | PNEC | |
| Type | Sewage treatment plant (STP) | |
| Concentration | 200 | mg/l |
| Type of value | PNEC | |
| Type | Soil | |
| Concentration | 0,4 | mg/l |

Acid Brown 355

| | | |
|---------------|------------------------------|-------|
| Type of value | PNEC | |
| Type | Freshwater | |
| Concentration | 0,01 | mg/l |
| Type of value | PNEC | |
| Type | marine water | |
| Concentration | 0,001 | mg/l |
| Type of value | PNEC | |
| Type | Sewage treatment plant (STP) | |
| Concentration | 10 | mg/l |
| Type of value | PNEC | |
| Type | Fresh water sediment | |
| Concentration | 0,038 | mg/kg |
| Type of value | PNEC | |
| Type | saltwater sediment | |
| Concentration | 0,004 | mg/kg |
| Type of value | PNEC | |
| Type | Soil | |

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Concentration 0,002 mg/kg

1,2-benzisothiazol-3(2H)-one

| | | |
|---------------|------------------------------|-------|
| Type of value | PNEC | |
| Type | Freshwater | |
| Concentration | 4,03 | µg/l |
| Type of value | PNEC | |
| Type | Saltwater | |
| Concentration | 0,403 | µg/l |
| Type of value | PNEC | |
| Type | Sewage treatment plant (STP) | |
| Concentration | 1,03 | mg/l |
| Type of value | PNEC | |
| Type | Freshwater sediment | |
| Concentration | 0,0499 | mg/kg |
| Type of value | PNEC | |
| Type | Marine sediment | |
| Concentration | 0,00499 | mg/kg |
| Type of value | PNEC | |
| Type | Soil | |
| Concentration | 3 | mg/kg |

8.2. Exposure controls

Exposure controls

Users are advised to consider national Occupational Exposure Limits or other equivalent values. Provide for sufficient ventilation. This can be achieved by local exhaust or general exhaust air collection. Wear a suitable respirator if the ventilation is not sufficient to keep the solvent vapour concentration below the occupational limit values.

Respiratory protection

Avoid inhalation of vapour and spray mist. Use breathing apparatus if exposed to vapours/dust/aerosol. Recommended Filter type: Respiratory protection mask with combination filter A/P2

Hand protection

| | |
|----------------------|--------------|
| Glove material | |
| Appropriate Material | butyl-rubber |
| Material thickness | >= 0,5 mm |
| Breakthrough time | >= 120 min |

This recommendation is valid only for the product named in this safety data sheet supplied by us, and only for the indicated intended use purposes.

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed.

The breakthrough time must be greater than the end use time of the product.

Gloves should be replaced regularly and if there is any sign of damage to the glove material.

The performance or effectiveness of the glove may be reduced by physical/ chemical damage and poor

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maintenance.

Body protection

Wear suitable protective clothing. Remove contaminated clothing and wash it before reuse. Wash hands before breaks and after work.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|---|------------------|
| Physical state | liquid |
| Colour | coloured |
| Odour | characteristic |
| Melting point | |
| Remarks | not determined |
| Freezing point | |
| Remarks | not determined |
| Boiling point or initial boiling point and boiling range | |
| Value | 100 to 100 °C |
| Flammability | |
| Remarks | not determined |
| Upper and lower explosive limits | |
| Remarks | not determined |
| Flash point | |
| Value | > 60 °C |
| Auto-ignition temperature | |
| Remarks | not determined |
| Decomposition temperature | |
| Remarks | not determined |
| pH value | |
| Value | 8 |
| Concentration/H ₂ O | 100 |
| Remarks | Not applicable |
| Viscosity | |
| Remarks | not determined |
| Solubility(ies) | |
| Remarks | not determined |
| Partition coefficient n-octanol/water (log value) | |
| Remarks | not determined |
| Vapour pressure | |
| Remarks | not determined |
| Density and/or relative density | |
| Value | appr. 1,014 kg/l |
| Temperature | 20 °C |
| Relative vapour density | |
| Remarks | not determined |

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Particle characteristics

Remarks not determined

9.2. Other information

Odour threshold

Remarks not determined

Solubility in water

Remarks not determined

Efflux time

Value 36 to 84 s

Temperature 20 °C

Method DIN EN ISO 2431 - 3 mm

Explosive properties

evaluation not determined

Oxidising properties

Remarks not determined

Non-volatile content

Value 7 %

Method calculated value

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under recommended storage and handling conditions (see section 7).

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

To avoid thermal decomposition, do not overheat.

10.4. Conditions to avoid

Isolate from sources of heat, sparks and open flame.

10.5. Incompatible materials

Keep away from oxidising agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

10.6. Hazardous decomposition products

Carbon monoxide and carbon dioxide, nitrous oxides (NO_x), dense black smoke, No decomposition if used as prescribed.

SECTION 11: Toxicological information

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

Acute oral toxicity

Method Calculation method (Regulation (EC) No. 1272/2008)

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

Acute oral toxicity (Components)

1,2-benzisothiazol-3(2H)-one

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| | | |
|---------|------------------------------|-------|
| Species | rat | |
| LD50 | 450 | mg/kg |
| Source | Annex VI Hazardous Substance | |

Acute dermal toxicity

| | |
|---------|---|
| Method | Calculation method (Regulation (EC) No. 1272/2008) |
| Remarks | Based on available data, the classification criteria are not met. |

Acute inhalational toxicity

| | |
|---------|---|
| Method | Calculation method (Regulation (EC) No. 1272/2008) |
| Remarks | Based on available data, the classification criteria are not met. |

Skin corrosion/irritation

| | |
|---------|---|
| Method | Calculation method (Regulation (EC) No. 1272/2008) |
| Remarks | Based on available data, the classification criteria are not met. |

Skin corrosion/irritation (Components)

| | |
|-------------------------------------|---------------------|
| 1,2-benzisothiazol-3(2H)-one | |
| evaluation | Irritating to skin. |

| | |
|-----------------------|-----------------|
| Acid Violet 90 | |
| evaluation | Skin irritation |

Serious eye damage/irritation

| | |
|------------|--|
| evaluation | irritant |
| Method | Calculation method (Regulation (EC) No. 1272/2008) |
| Remarks | The classification criteria are met. |

Serious eye damage/irritation (Components)

| | |
|----------------------------------|--------------------------------|
| 2-(2-butoxyethoxy)ethanol | |
| Species | rabbit |
| evaluation | Irritating to eyes. |
| Source | 2 (reliable with restrictions) |

| | |
|-----------------------|---------------------|
| Acid Brown 355 | |
| Species | rabbit |
| evaluation | Irritating to eyes. |

| | |
|-------------------------------------|---------------------|
| 1,2-benzisothiazol-3(2H)-one | |
| evaluation | Irritating to eyes. |

| | |
|-----------------------|---------------------|
| Acid Violet 90 | |
| evaluation | Irritating to eyes. |

Sensitization

| | |
|------------|--|
| evaluation | May cause sensitization by skin contact. |
| Method | Calculation method (Regulation (EC) No. 1272/2008) |
| Remarks | The classification criteria are met. |

Sensitization (Components)

| | |
|-------------------------------------|--|
| 1,2-benzisothiazol-3(2H)-one | |
| Reference substance | 1,2-benzisothiazol-3(2H)-one |
| evaluation | May cause sensitization by skin contact. |

| | |
|-----------------------|--|
| Acid Brown 355 | |
| Species | mouse |
| evaluation | May cause sensitization by skin contact. |
| Source | 2 (reliable with restrictions) |

Mutagenicity

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| | |
|---------|---|
| Method | Calculation method (Regulation (EC) No. 1272/2008) |
| Remarks | Based on available data, the classification criteria are not met. |

Reproductive toxicity

| | |
|---------|---|
| Method | Calculation method (Regulation (EC) No. 1272/2008) |
| Remarks | Based on available data, the classification criteria are not met. |

Carcinogenicity

| | |
|---------|---|
| Method | Calculation method (Regulation (EC) No. 1272/2008) |
| Remarks | Based on available data, the classification criteria are not met. |

Specific Target Organ Toxicity (STOT)

Single exposure

| | |
|---------|---|
| Method | Calculation method (Regulation (EC) No. 1272/2008) |
| Remarks | Based on available data, the classification criteria are not met. |

Repeated exposure

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

Aspiration hazard

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

11.2. Information on other hazards

Endocrine disrupting properties with respect to humans

The product does not contain a substance that has endocrine disrupting properties with respect to humans.

Other information

No toxicological data are available.

SECTION 12: Ecological information

12.1. Toxicity

General information

For this subsection there is no ecotoxicological data available on the product as such.

Fish toxicity (Components)

Acid Brown 355

| | | |
|----------------------|--------------------------|------|
| Species | Danio rerio (zebra fish) | |
| LC50 | 40 | mg/l |
| Duration of exposure | 96 h | |

1,2-benzisothiazol-3(2H)-one

| | | |
|----------------------|-------------------------------------|------|
| Species | Oncorhynchus mykiss (rainbow trout) | |
| LC50 | 2,18 | mg/l |
| Duration of exposure | 96 h | |

Acid Violet 90

| | | |
|----------------------|-----------------------------|------|
| Species | Poecilia reticulata (guppy) | |
| LC50 | > 100 | mg/l |
| Duration of exposure | 96 h | |

Daphnia toxicity (Components)

1,2-benzisothiazol-3(2H)-one

| | | |
|----------------------|----------------------------|------|
| Species | Daphnia magna (Water flea) | |
| EC50 | 2,94 | mg/l |
| Duration of exposure | 48 h | |

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12.2. Persistence and degradability

General information

For this subsection there is no ecotoxicological data available on the product as such.

Biodegradability (Components)

Acid Brown 355

| | | | |
|-------|---|----|---|
| Value | < | 10 | % |
|-------|---|----|---|

1,2-benzisothiazol-3(2H)-one

| | |
|------------|----------------------------|
| evaluation | Not readily biodegradable. |
|------------|----------------------------|

Chemical oxygen demand (COD) (Components)

Acid Brown 355

| | | |
|-------|-----|--------|
| Value | 990 | g O2/g |
|-------|-----|--------|

12.3. Bioaccumulative potential

General information

For this subsection there is no ecotoxicological data available on the product as such.

Partition coefficient n-octanol/water (log value)

| | |
|---------|----------------|
| Remarks | not determined |
|---------|----------------|

Octanol/water partition coefficient (log Pow) (Components)

Acid Violet 90

| | | |
|-------------|--------|----|
| log Pow | -1,796 | |
| Temperature | 20 | °C |

12.4. Mobility in soil

General information

For this subsection there is no ecotoxicological data available on the product as such.

Mobility in soil

no data available

12.5. Results of PBT and vPvB assessment

General information

For this subsection there is no ecotoxicological data available on the product as such.

Results of PBT and vPvB assessment

The product contains no PBT substances
The product contains no vPvB substances.

12.6 Endocrine disrupting properties

Endocrine disrupting properties with respect to the environment

The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

12.7. Other adverse effects

General information

For this subsection there is no ecotoxicological data available on the product as such.

SECTION 13: Disposal considerations

Trade name: Hesse Priming stain PEX BG XX-FT

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13.1. Waste treatment methods

Disposal recommendations for the product

Where possible recycling is preferred to disposal or incineration.
Do not allow to enter drains or waterways.

Disposal recommendations for packaging

Completely emptied packagings can be given for recycling.

SECTION 14: Transport information

| | Land transport ADR/RID | Marine transport IMDG/GGVSee | Air transport ICAO/IATA |
|-----------------|--|--|--|
| 14.1. UN number | Not classified as dangerous in the meaning of transport regulations. | Not classified as dangerous in the meaning of sea and air transport regulations. | Not a dangerous substance as defined in the above regulations. |

Information for all modes of transport

14.6. Special precautions for user

See Sections 6 to 8

Other information

14.7. Maritime transport in bulk according to IMO instruments

Not relevant

SECTION 15: Regulatory information

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

Restriction according to annex XVII to regulation (EU) No 1907/2006

The product is subject to restrictions according to Annex XVII Regulation (EU) No. 1907/2006: Entry No. 3.

SECTION 16: Other information

Hazard statements listed in Chapter 3

| | |
|------|---|
| H302 | Harmful if swallowed. |
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H330 | Fatal if inhaled. |
| H400 | Very toxic to aquatic life. |
| H410 | Very toxic to aquatic life with long lasting effects. |
| H412 | Harmful to aquatic life with long lasting effects. |

CLP categories listed in Chapter 3

| | |
|--------------|----------------------------|
| Acute Tox. 2 | Acute toxicity, Category 2 |
| Acute Tox. 4 | Acute toxicity, Category 4 |

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| | |
|-------------------|---|
| Aquatic Acute 1 | Hazardous to the aquatic environment, acute, Category 1 |
| Aquatic Chronic 1 | Hazardous to the aquatic environment, chronic, Category 1 |
| Aquatic Chronic 3 | Hazardous to the aquatic environment, chronic, Category 3 |
| Eye Dam. 1 | Serious eye damage, Category 1 |
| Eye Irrit. 2 | Eye irritation, Category 2 |
| Skin Irrit. 2 | Skin irritation, Category 2 |
| Skin Sens. 1 | Skin sensitization, Category 1 |
| Skin Sens. 1B | Skin sensitization, Category 1B |

Changes since the last version are highlighted in the margin (**). This version replaces all previous versions.

This safety datasheet only contains information relating to safety and does not replace any product information or product specification.

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.

The information contained herein is based on the present state of our knowledge and does therefore not guarantee certain properties.

Annex to the extended Safety Data Sheet (eSDS)

Short title of the exposure scenario

ES017 - Industrial applications: industrial spraying (inside)

Use of the substance/preparation

Surface treatment of wood and other materials

Use

| | |
|-------|--|
| SU3 | Industrial uses: Uses of substances as such or in preparations at industrial sites |
| ERC4 | Industrial use of processing aids in processes and products, not becoming part of articles |
| ERC5 | Industrial use resulting in inclusion into or onto a matrix |
| PROC7 | Industrial spraying |

Contributing exposure scenario controlling environmental exposure

Use

| | |
|------|--|
| ERC4 | Industrial use of processing aids in processes and products, not becoming part of articles |
| ERC5 | Industrial use resulting in inclusion into or onto a matrix |

Physical form

liquid

Maximum amount used per time or activity

Emission days per site: <= 300

Other relevant operational conditions

Use: Room temperature

Drying and through-curing takes place at ambient temperature or at higher temperatures.

Curing takes place through UV light exposure (only with UV light curing systems).

Where possible recycling is preferred to disposal or incineration.

Do not allow to enter soil, waterways or waste water canal.

Dispose of rinse water in accordance with local and national regulations.

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Waste water

Do not discharge into the drains/surface waters/groundwater. Spray cabin waters are to be conducted after mechanical pretreatment into a wastewater treatment facility.

Exhaust air

Keep container closed. Avoid release to the environment.

Soil

Floors should be impervious, resistant to liquids and easy to clean.

Disposal recommendations for the product

Where possible recycling is preferred to disposal or incineration.
Do not allow to enter drains or waterways.

Disposal recommendations for packaging

Completely emptied packagings can be given for recycling.

Contributing exposure scenario controlling worker exposure

Use

SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites
PROC7 Industrial spraying

Physical form

liquid

Maximum amount used per time or activity

| | | | |
|-----------------------|----|-----|-----|
| Duration of exposure | <= | 8 | h/d |
| Frequency of exposure | <= | 220 | d/a |

Other relevant operational conditions

Use: Room temperature
Drying and through-curing takes place at ambient temperature or at higher temperatures.
Curing takes place through UV light exposure (only with UV light curing systems).
Read attached instructions before use.

Product substance and product safety related measures

Mainly used in closed systems. Apply technical measures to comply with the occupational exposure limits. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. Provide for sufficient ventilation. This can be achieved by local exhaust or general exhaust air collection. Wear a suitable respirator if the ventilation is not sufficient to keep the solvent vapour concentration below the occupational limit values.

Respiratory protection

Avoid inhalation of vapour and spray mist. Use breathing apparatus if exposed to vapours/dust/aerosol.
Recommended Filter type: Respiratory protection mask with combination filter A/P2

Hand protection

| | |
|----------------------|--------------|
| Glove material | |
| Appropriate Material | butyl-rubber |
| Material thickness | >= 0,5 |
| Breakthrough time | >= 120 |

This recommendation is valid only for the product named in this safety data sheet supplied by us, and only for the indicated intended use purposes.

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed.

The breakthrough time must be greater than the end use time of the product.

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Gloves should be replaced regularly and if there is any sign of damage to the glove material.
The performance or effectiveness of the glove may be reduced by physical/ chemical damage and poor maintenance.

Body protection

Wear suitable protective clothing. Remove contaminated clothing and wash it before reuse. Wash hands before breaks and after work.

Exposure estimation and reference to its source

Workers (industrial)

| | |
|-----------------------------------|--|
| SU | SU3 |
| PROC | PROC7 |
| Assessment method | inhalation, long-term - local and systemic |
| Exposure assessment | 7 ppm |
| Risk characterisation ratio (RCR) | 0,7 |
| Lead substance | 2-(2-butoxyethoxy)ethanol |

Workers (industrial)

| | |
|-----------------------------------|------------------------------|
| SU | SU3 |
| PROC | PROC7 |
| Assessment method | dermal, long-term - systemic |
| Exposure assessment | 2,14 mg/kg/d |
| Risk characterisation ratio (RCR) | 0,11 |
| Lead substance | 2-(2-butoxyethoxy)ethanol |

Workers (industrial)

| | |
|-----------------------------------|--|
| SU | SU3 |
| PROC | PROC10 |
| Assessment method | inhalation, long-term - local and systemic |
| Exposure assessment | 0,5 ppm |
| Risk characterisation ratio (RCR) | 0,05 |
| Lead substance | 2-(2-butoxyethoxy)ethanol |

Workers (industrial)

| | |
|-----------------------------------|------------------------------|
| SU | SU3 |
| PROC | PROC10 |
| Assessment method | dermal, long-term - systemic |
| Exposure assessment | 5,49 mg/kg/d |
| Risk characterisation ratio (RCR) | 0,27 |
| Lead substance | 2-(2-butoxyethoxy)ethanol |

Workers (industrial)

| | |
|-----------------------------------|--|
| SU | SU3 |
| PROC | PROC13 |
| Assessment method | inhalation, long-term - local and systemic |
| Exposure assessment | 2 ppm |
| Risk characterisation ratio (RCR) | 0,2 |
| Lead substance | 2-(2-butoxyethoxy)ethanol |

Workers (industrial)

| | |
|-----------------------------------|------------------------------|
| SU | SU3 |
| PROC | PROC13 |
| Assessment method | dermal, long-term - systemic |
| Exposure assessment | 0,69 mg/kg/d |
| Risk characterisation ratio (RCR) | 0,034 |
| Lead substance | 2-(2-butoxyethoxy)ethanol |

Trade name: Hesse Priming stain PEX BG XX-FT

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Information on estimated exposure and downstream-user guidance

Guidance for Downstream Users

The downstream user can evaluate whether he operates within the conditions set in the exposure scenario on the basis of the information supplied. This evaluation can be conducted by an expert or using the risk assessment tools recommended by ECHA.

Annex to the extended Safety Data Sheet (eSDS)

Short title of the exposure scenario

ES019 - Professional uses: Non industrial spraying (inside)

Use of the substance/preparation

Surface treatment of wood and other materials

Use

| | |
|--------|--|
| SU22 | Professional uses: Public domain (administration, education, entertainment, services, craftsmen) |
| ERC8a | Wide dispersive indoor use of processing aids in open systems |
| ERC8c | Wide dispersive indoor use resulting in inclusion into or onto a matrix |
| PROC11 | Non industrial spraying |

Contributing exposure scenario controlling environmental exposure

Use

| | |
|-------|---|
| ERC8a | Wide dispersive indoor use of processing aids in open systems |
| ERC8c | Wide dispersive indoor use resulting in inclusion into or onto a matrix |

Physical form

liquid

Maximum amount used per time or activity

Emission days per site: <= 250

Other relevant operational conditions

Use: Room temperature
Drying and through-curing takes place at ambient temperature or at higher temperatures.
Curing takes place through UV light exposure (only with UV light curing systems).
Where possible recycling is preferred to disposal or incineration.
Do not allow to enter soil, waterways or waste water canal.
Dispose of rinse water in accordance with local and national regulations.

Waste water

Do not discharge into the drains/surface waters/groundwater.

Exhaust air

Keep container closed. Avoid release to the environment.

Soil

Floors should be impervious, resistant to liquids and easy to clean.

Disposal recommendations for the product

Where possible recycling is preferred to disposal or incineration.
Do not allow to enter drains or waterways.

Disposal recommendations for packaging

Completely emptied packagings can be given for recycling.

Trade name: Hesse Priming stain PEX BG XX-FT

Version: 23 / ZA

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Contributing exposure scenario controlling worker exposure (professional)

Short title of the exposure scenario

Substance number:CES038

Use

SU22 Professional uses: Public domain (administration, education, entertainment,
services, craftsmen)
PROC11 Non industrial spraying

Physical form

liquid

Maximum amount used per time or activity

| | | | |
|-----------------------|----|-----|-----|
| Duration of exposure | <= | 8 | h/d |
| Frequency of exposure | <= | 220 | d/a |

Other relevant operational conditions

Use: Room temperature
Drying and through-curing takes place at ambient temperature or at higher temperatures.
Curing takes place through UV light exposure (only with UV light curing systems).
Read attached instructions before use.

Product substance and product safety related measures

Apply technical measures to comply with the occupational exposure limits. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. Provide for sufficient ventilation. This can be achieved by local exhaust or general exhaust air collection. Wear a suitable respirator if the ventilation is not sufficient to keep the solvent vapour concentration below the occupational limit values.

Respiratory protection

Avoid inhalation of vapour and spray mist. Use breathing apparatus if exposed to vapours/dust/aerosol.
Recommended Filter type: Respiratory protection mask with combination filter A/P2

Hand protection

Glove material
Appropriate Material butyl-rubber
Material thickness >= 0,5
Breakthrough time >= 120

This recommendation is valid only for the product named in this safety data sheet supplied by us, and only for the indicated intended use purposes.

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed.

The breakthrough time must be greater than the end use time of the product.

Gloves should be replaced regularly and if there is any sign of damage to the glove material.

The performance or effectiveness of the glove may be reduced by physical/ chemical damage and poor maintenance.

Body protection

Wear suitable protective clothing. Remove contaminated clothing and wash it before reuse. Wash hands before breaks and after work.

Exposure estimation and reference to its source

Workers (professional)

SU

SU22

Trade name: Hesse Priming stain PEX BG XX-FT

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PROC

Assessment method

Exposure assessment

Risk characterisation ratio (RCR)

Lead substance

Workers (professional)

SU

PROC

Assessment method

Exposure assessment

Risk characterisation ratio (RCR)

Lead substance

Workers (professional)

SU

PROC

Assessment method

Exposure assessment

Risk characterisation ratio (RCR)

Lead substance

Workers (professional)

SU

PROC

Assessment method

Exposure assessment

Risk characterisation ratio (RCR)

Lead substance

Workers (professional)

SU

PROC

Assessment method

Exposure assessment

Risk characterisation ratio (RCR)

Lead substance

Workers (professional)

SU

PROC

Assessment method

Exposure assessment

Risk characterisation ratio (RCR)

Lead substance

Workers (professional)

SU

PROC

Assessment method

PROC10

inhalation, long-term - local and systemic

Outdoor use

2,5 ppm

0,25

2-(2-butoxyethoxy)ethanol

SU22

PROC10

dermal, long-term - systemic

Outdoor use

2,74 mg/kg/d

0,137

2-(2-butoxyethoxy)ethanol

SU22

PROC10

inhalation, long-term - local and systemic

Indoor use

1,25 ppm

0,125

2-(2-butoxyethoxy)ethanol

SU22

PROC10

dermal, long-term - systemic

Indoor use

0,55 mg/kg/d

0,027

2-(2-butoxyethoxy)ethanol

SU22

PROC11

inhalation, long-term - local and systemic

Indoor use

5 ppm

0,5

2-(2-butoxyethoxy)ethanol

SU22

PROC11

dermal, long-term - systemic

Indoor use

2,14 mg/kg/d

0,107

2-(2-butoxyethoxy)ethanol

SU22

PROC11

inhalation, long-term - local and systemic

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| | |
|-----------------------------------|--|
| Exposure assessment | Outdoor use |
| Risk characterisation ratio (RCR) | 4,2 ppm |
| Lead substance | 0,42 |
| Workers (professional) | 2-(2-butoxyethoxy)ethanol |
| SU | SU22 |
| PROC | PROC11 |
| Assessment method | dermal, long-term - systemic |
| Exposure assessment | Outdoor use |
| Risk characterisation ratio (RCR) | 1,29 mg/kg/d |
| Lead substance | 0,42 |
| Workers (professional) | 2-(2-butoxyethoxy)ethanol |
| SU | SU22 |
| PROC | PROC13 |
| Assessment method | inhalation, long-term - local and systemic |
| Exposure assessment | Indoor use |
| Risk characterisation ratio (RCR) | 2 ppm |
| Lead substance | 0,2 |
| Workers (professional) | 2-(2-butoxyethoxy)ethanol |
| SU | SU22 |
| PROC | PROC13 |
| Assessment method | dermal, long-term - systemic |
| Exposure assessment | Indoor use |
| Risk characterisation ratio (RCR) | 0,69 mg/kg/d |
| Lead substance | 0,034 |
| Workers (professional) | 2-(2-butoxyethoxy)ethanol |
| SU | SU22 |
| PROC | PROC13 |
| Assessment method | inhalation, long-term - local and systemic |
| Exposure assessment | Outdoor use |
| Risk characterisation ratio (RCR) | 4,2 ppm |
| Lead substance | 0,42 |
| Workers (professional) | 2-(2-butoxyethoxy)ethanol |
| SU | SU22 |
| PROC | PROC13 |
| Assessment method | dermal, long-term - systemic |
| Exposure assessment | Outdoor use |
| Risk characterisation ratio (RCR) | 0,41 mg/kg/d |
| Lead substance | 0,42 |
| | 2-(2-butoxyethoxy)ethanol |

Information on estimated exposure and downstream-user guidance

Guidance for Downstream Users

The downstream user can evaluate whether he operates within the conditions set in the exposure scenario on the basis of the information supplied. This evaluation can be conducted by an expert or using the risk assessment tools recommended by ECHA.

Trade name: Hesse Priming stain PEX BG XX-FT

Version: 23 / ZA

Revision: 28.10.2025

Replaces Version: 22 / ZA

Print date: 01.12.25

Annex to the extended Safety Data Sheet (eSDS)

Short title of the exposure scenario

ES020 - Professional uses: roller application or brushing, dipping and pouring and other processing without aerosol formation (inside)

Use of the substance/preparation

Surface treatment of wood and other materials

Use

| | |
|---------|--|
| SU22 | Professional uses: Public domain (administration, education, entertainment, services, craftsmen) |
| ERC8a | Wide dispersive indoor use of processing aids in open systems |
| ERC8c | Wide dispersive indoor use resulting in inclusion into or onto a matrix |
| PROCh01 | Other processing without aerosol formation |
| PROC13 | Treatment of articles by dipping and pouring |
| PROC10 | Roller application or brushing |

Contributing exposure scenario controlling environmental exposure

Use

| | |
|-------|---|
| ERC8a | Wide dispersive indoor use of processing aids in open systems |
| ERC8c | Wide dispersive indoor use resulting in inclusion into or onto a matrix |

Physical form

liquid

Maximum amount used per time or activity

Emission days per site: <= 250

Other relevant operational conditions

Use: Room temperature
Drying and through-curing takes place at ambient temperature or at higher temperatures.
Curing takes place through UV light exposure (only with UV light curing systems).
Where possible recycling is preferred to disposal or incineration.
Do not allow to enter soil, waterways or waste water canal.
Dispose of rinse water in accordance with local and national regulations.

Waste water

Do not discharge into the drains/surface waters/groundwater.

Exhaust air

Keep container closed. Avoid release to the environment.

Soil

Floors should be impervious, resistant to liquids and easy to clean.

Disposal recommendations for the product

Where possible recycling is preferred to disposal or incineration.
Do not allow to enter drains or waterways.

Disposal recommendations for packaging

Completely emptied packagings can be given for recycling.

Contributing exposure scenario controlling worker exposure (professional)

Short title of the exposure scenario

Substance number:CES040

Trade name: Hesse Priming stain PEX BG XX-FT

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Use

| | |
|---------|--|
| SU22 | Professional uses: Public domain (administration, education, entertainment, services, craftsmen) |
| PROCh01 | Other processing without aerosol formation |
| PROC10 | Roller application or brushing |
| PROC13 | Treatment of articles by dipping and pouring |

Physical form

liquid

Maximum amount used per time or activity

| | | | |
|-----------------------|----|-----|-----|
| Duration of exposure | <= | 8 | h/d |
| Frequency of exposure | <= | 220 | d/a |

Other relevant operational conditions

Use: Room temperature

Drying and through-curing takes place at ambient temperature or at higher temperatures.

Curing takes place through UV light exposure (only with UV light curing systems).

Read attached instructions before use.

Product substance and product safety related measures

Apply technical measures to comply with the occupational exposure limits. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. Provide for sufficient ventilation. This can be achieved by local exhaust or general exhaust air collection. Wear a suitable respirator if the ventilation is not sufficient to keep the solvent vapour concentration below the occupational limit values.

Respiratory protection

Avoid inhalation of vapour and spray mist. Use breathing apparatus if exposed to vapours/dust/aerosol.

Recommended Filter type: Respiratory protection mask with combination filter A/P2

Hand protection

Glove material

Appropriate Material butyl-rubber

Material thickness >= 0,5

Breakthrough time >= 120

This recommendation is valid only for the product named in this safety data sheet supplied by us, and only for the indicated intended use purposes.

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed.

The breakthrough time must be greater than the end use time of the product.

Gloves should be replaced regularly and if there is any sign of damage to the glove material.

The performance or effectiveness of the glove may be reduced by physical/ chemical damage and poor maintenance.

Body protection

Wear suitable protective clothing. Remove contaminated clothing and wash it before reuse. Wash hands before breaks and after work.

Exposure estimation and reference to its source

Workers (professional)

| | |
|-------------------|--|
| SU | SU22 |
| PROC | PROC10 |
| Assessment method | inhalation, long-term - local and systemic |
| | Outdoor use |

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Exposure assessment 2,5 ppm
Risk characterisation ratio (RCR) 0,25
Lead substance 2-(2-butoxyethoxy)ethanol

Workers (professional)

SU SU22
PROC PROC10
Assessment method dermal, long-term - systemic
Outdoor use

Exposure assessment 2,74 mg/kg/d
Risk characterisation ratio (RCR) 0,137
Lead substance 2-(2-butoxyethoxy)ethanol

Workers (professional)

SU SU22
PROC PROC10
Assessment method inhalation, long-term - local and systemic
Indoor use

Exposure assessment 1,25 ppm
Risk characterisation ratio (RCR) 0,125
Lead substance 2-(2-butoxyethoxy)ethanol

Workers (professional)

SU SU22
PROC PROC10
Assessment method dermal, long-term - systemic
Indoor use

Exposure assessment 0,55 mg/kg/d
Risk characterisation ratio (RCR) 0,027
Lead substance 2-(2-butoxyethoxy)ethanol

Workers (professional)

SU SU22
PROC PROC11
Assessment method inhalation, long-term - local and systemic
Indoor use

Exposure assessment 5 ppm
Risk characterisation ratio (RCR) 0,5
Lead substance 2-(2-butoxyethoxy)ethanol

Workers (professional)

SU SU22
PROC PROC11
Assessment method dermal, long-term - systemic
Indoor use

Exposure assessment 2,14 mg/kg/d
Risk characterisation ratio (RCR) 0,107
Lead substance 2-(2-butoxyethoxy)ethanol

Workers (professional)

SU SU22
PROC PROC11
Assessment method inhalation, long-term - local and systemic
Outdoor use

Exposure assessment 4,2 ppm
Risk characterisation ratio (RCR) 0,42

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Lead substance

2-(2-butoxyethoxy)ethanol

Workers (professional)

SU

SU22

PROC

PROC11

Assessment method

dermal, long-term - systemic

Outdoor use

Exposure assessment

1,29 mg/kg/d

Risk characterisation ratio (RCR)

0,42

Lead substance

2-(2-butoxyethoxy)ethanol

Workers (professional)

SU

SU22

PROC

PROC13

Assessment method

inhalation, long-term - local and systemic

Indoor use

Exposure assessment

2 ppm

Risk characterisation ratio (RCR)

0,2

Lead substance

2-(2-butoxyethoxy)ethanol

Workers (professional)

SU

SU22

PROC

PROC13

Assessment method

dermal, long-term - systemic

Indoor use

Exposure assessment

0,69 mg/kg/d

Risk characterisation ratio (RCR)

0,034

Lead substance

2-(2-butoxyethoxy)ethanol

Workers (professional)

SU

SU22

PROC

PROC13

Assessment method

inhalation, long-term - local and systemic

Outdoor use

Exposure assessment

4,2 ppm

Risk characterisation ratio (RCR)

0,42

Lead substance

2-(2-butoxyethoxy)ethanol

Workers (professional)

SU

SU22

PROC

PROC13

Assessment method

dermal, long-term - systemic

Outdoor use

Exposure assessment

0,41 mg/kg/d

Risk characterisation ratio (RCR)

0,42

Lead substance

2-(2-butoxyethoxy)ethanol

Information on estimated exposure and downstream-user guidance

Guidance for Downstream Users

The downstream user can evaluate whether he operates within the conditions set in the exposure scenario on the basis of the information supplied. This evaluation can be conducted by an expert or using the risk assessment tools recommended by ECHA.

Annex to the extended Safety Data Sheet (eSDS)

Print date: 01.12.25

| | |
|---------|---|
| SU21 | Consumer uses: Private households (= general public = consumers) |
| ERC8a | Wide dispersive indoor use of processing aids in open systems |
| ERC8c | Wide dispersive indoor use resulting in inclusion into or onto a matrix |
| PROCh01 | Other processing without aerosol formation |
| PROC10 | Roller application or brushing |
| PROC11 | Non industrial spraying |
| PROC13 | Treatment of articles by dipping and pouring |

| | |
|---------|--|
| SU21 | Consumer uses: Private households (= general public = consumers) |
| PROCh01 | Other processing without aerosol formation |
| PROC10 | Roller application or brushing |
| PROC11 | Non industrial spraying |
| PROC13 | Treatment of articles by dipping and pouring |

Trade name: Hesse Priming stain PEX BG XX-FT

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Print date: 01.12.25

Physical form liquid

Maximum amount used per time or activity

| | | | |
|-----------------------|----|----|-----|
| Duration of exposure | <= | 4 | h/d |
| Frequency of exposure | <= | 20 | d/a |

Other relevant operational conditions

Use: Room temperature

Drying and through-curing takes place at ambient temperature or at higher temperatures.

Adhere to the recommended processing temperature.

Volatile organic substances will volatilise into the atmospheric air inside.

Product substance and product safety related measures

Keep out of reach of children. Wash hands before breaks and after work. Do not eat, drink or smoke when using this product.

Avoid inhalation of vapour and spray mist. Use breathing apparatus if exposed to vapours/dust/aerosol.

Recommended Filter type: Respiratory protection mask with combination filter A/P2

Glove material

Appropriate Material butyl-rubber

Material thickness >= 0,5

Breakthrough time >= 120

This recommendation is valid only for the product named in this safety data sheet supplied by us, and only for the indicated intended use purposes.

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed.

The breakthrough time must be greater than the end use time of the product.

Gloves should be replaced regularly and if there is any sign of damage to the glove material.

The performance or effectiveness of the glove may be reduced by physical/ chemical damage and poor maintenance.

Wear suitable protective clothing. Remove contaminated clothing and wash it before reuse. Wash hands before breaks and after work.

Information on estimated exposure and downstream-user guidance

Guidance for Downstream Users

The downstream user can evaluate whether he operates within the conditions set in the exposure scenario on the basis of the information supplied. This evaluation can be conducted by an expert or using the risk assessment tools recommended by ECHA.