

Article No.: 3168-30-K9153 FALIMA X-DE REPAIR PAINT
Print date: 14.10.2014 Revision date: 11.08.2014 104031 EN
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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product Identifiers

Article No. (manufacturer/supplier) 3168-30-K9153
Identification of the substance or mixture FALIMA X-DE REPAIR PAINT
black

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

Relevant identified uses
coating material

1.3. Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor)

Teleplast GmbH & Co. KG
Petzvalstrasse 37 Telephone: +49 531 237 28-0
D 38104 Braunschweig Telefax: +49 531 237 28-12

Dept. responsible for information:

Laboratory
E-mail sicherheitsdatenblaetter@teleplast.de

1.4. Emergency telephone number

GIZ-Nord Poisons Centre +49 551 19240
(german / english) (german / english)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP].

Classification according to Directive 67/548/EEC or 1999/45/EC

This mixture is classified as not hazardous according to 1999/45/EC.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms

Hazard statements

not applicable

Precautionary statements

not applicable

contains:

not applicable

Supplemental Hazard information (EU)

EUH208 Contains reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7], and 2-methyl-2H
-isothiazol-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction.

EUH210 Safety data sheet available on request.

Labelling (67/548/EEC or 1999/45/EC)

Hazard statements

not applicable

Precautionary statements

not applicable

contains:

not applicable

Special provisions concerning the labelling of certain mixtures

not applicable

2.3. Other hazards

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SECTION 3: Composition / information on ingredients

3.2. Mixtures

Product description / chemical characterization

Description Acrylat copolymer, waterdilutable

Hazardous ingredients

Classification according to Regulation (EC) No. 1272/2008 [CLP]

EC No.	REACH No.	Wt %
CAS No.	Chemical name	Remark
INDEX No.	classification:	
203-905-0	02-2119475108-36-xxxx	
111-76-2	2-butoxyethanol	1 - 2,5
603-014-00-0	Acute Tox. 4 H302 / Acute Tox. 4 H312 / Acute Tox. 4 H332 / Skin Irrit. 2 H315 / Eye Irrit. 2 H319	

Classification according to Directive 67/548/EEC or 1999/45/EC

EC No.	REACH No.	Wt %
CAS No.	Chemical name	Remark
INDEX No.	classification:	
203-905-0	02-2119475108-36-xxxx	
111-76-2	2-butoxyethanol	1 - 2,5
603-014-00-0	Xn; R20/21/22 / Xi; R36/38	

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness give nothing by mouth, place in recovery position and seek medical advice.

Following inhalation

Remove casualty to fresh air and keep warm and at rest. In case of irregular breathing or respiratory arrest provide artificial respiration.

Following skin contact

Remove contaminated, saturated clothing immediately. After contact with skin, wash immediately with plenty of water and soap. Do not use solvents or thinners.

After eye contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical advice immediately.

After ingestion

If swallowed, rinse mouth with water (only if the person is conscious). Seek medical advice immediately. Keep victim calm. Do NOT induce vomiting.

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

In all cases of doubt, or when symptoms persist, seek medical advice.

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

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

alcohol resistant foam, carbon dioxide, Powder, spray mist, (water)

Extinguishing media which must not be used for safety reasons:

strong water jet

5.2. Special hazards arising from the substance or mixture

Dense black smoke occurs during fire. Inhaling hazardous decomposing products can cause serious health damage.

5.3. Advice for firefighters

Provide a conveniently located respiratory protective device. Cool closed containers that are near the source of the fire. Do not allow water used to extinguish fire to enter drains, ground or waterways. Treat runoff as hazardous.

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SECTION 6: Accidental release measures

- 6.1. **Personal precautions, protective equipment and emergency procedures**
Ventilate affected area. Do not breathe vapours. See protective measures under point 7 and 8.
- 6.2. **Environmental precautions**
Do not allow to enter into surface water or drains. If the product contaminates lakes, rivers or sewages, inform competent authorities in accordance with local regulations.
- 6.3. **Methods and material for containment and cleaning up**
Isolate leaked material using non-flammable absorption agent (e.g. sand, earth, vermiculit, diatomaceous earth) and collect it for disposal in appropriate containers in accordance with the local regulations (see chapter 13). Clean using cleansing agents. Do not use solvents.
- 6.4. **Reference to other sections**
Observe protective provisions (see chapter 7 and 8).

SECTION 7: Handling and storage

- 7.1. **Precautions for safe handling**
Advices on safe handling
Avoid contact with skin, eyes and clothes. Avoid respiration of swarf. When using do not eat, drink or smoke. Personal protection equipment: refer to chapter 8. Do not empty containers with pressure - no pressure vessel! Always keep in containers that correspond to the material of the original container. Follow the legal protection and safety regulations.
- 7.2. **Conditions for safe storage, including any incompatibilities**
Requirements for storage rooms and vessels
Storage in accordance with the Ordinance on Industrial Safety and Health (BetrSIVO). Keep container tightly closed. Do not empty containers with pressure - no pressure vessel! Smoking is forbidden. Access only for authorised persons. Store carefully closed containers upright to prevent any leaks. Soils have to conform to the "Guidelines for avoidance of ignition hazards due to electrostatic charges (TRBS 2153)".
Hints on joint storage
Keep away from strongly acidic and alkaline materials as well as oxidizers.
Further information on storage conditions
Take care of instructions on label. Store in a well-ventilated and dry room at temperatures between 10 °C and 30 °C. Protect from heat and direct sunlight. Keep container tightly closed. Remove all sources of ignition. Smoking is forbidden. Access only for authorised persons. Store carefully closed containers upright to prevent any leaks.
- 7.3. **Specific end use(s)**
Observe technical data sheet. Observe instructions for use.

SECTION 8: Exposure controls/personal protection

- 8.1. **Control parameters**
Occupational exposure limit values:
2-butoxyethanol
INDEX No. 603-014-00-0 / EC No. 203-905-0 / CAS No. 111-76-2
TWA: 123 mg/m³; 25 ppm
- Additional information**
TWA : long-term occupational exposure limit value
STEL : short-term occupational exposure limit value
Ceiling : peak limitation
- DNEL:**
2-butoxyethanol
INDEX No. 603-014-00-0 / EC No. 203-905-0 / CAS No. 111-76-2
DNEL acute dermal, short-term (systemic), Workers: 89 mg/kg
DNEL long-term dermal (systemic), Workers: 75 mg/kg
DNEL acute inhalative (local), Workers: 246 mg/m³
DNEL acute inhalative (systemic), Workers: 633 mg/m³
DNEL long-term inhalative (local), Workers:
DNEL long-term inhalative (systemic), Workers: 98 mg/m³
DNEL short-term oral (acute), Consumer: 13,4 mg/kg

Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH)
according to Regulation (EU) No 453/2010



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DNEL long-term oral (repeated), Consumer: 3,2 mg/kg
DNEL acute dermal, short-term (systemic), Consumer: 44,5 mg/kg
DNEL long-term dermal (systemic), Consumer: 38 mg/kg
DNEL acute inhalative (local), Consumer: 123 mg/m³
DNEL acute inhalative (systemic), Consumer: 426 mg/m³
DNEL long-term inhalative (systemic), Consumer: 49 mg/m³

PNEC:

2-butoxyethanol

INDEX No. 603-014-00-0 / EC No. 203-905-0 // CAS No. 111-76-2

PNEC aquatic, freshwater: 8,8 mg/L

PNEC aquatic, marine water: 0,88 mg/L

PNEC sediment, freshwater: 34,6 mg/kg

PNEC sediment, marine water: 3,46 mg/kg

PNEC, Soil: 2,8 mg/kg

PNEC sewage treatment plant (STP): 463 mg/L

8.2. Exposure controls

Provide good ventilation. This can be achieved with local or room suction. If this should not be sufficient to keep aerosol and solvent vapour concentration below the exposure limit values, a suitable respiratory protection must be used.

Occupational exposure controls

Respiratory protection

If concentration of solvents is beyond the occupational exposure limit values, approved and suitable respiratory protection must be used. Observe the wear time limits according GefStoffV in combination with the rules for using respiratory protection apparatus (BGR 190). Use only respiratory protection equipment with CE-symbol including four digit test number.

Hand protection

For prolonged or repeated handling the following glove material must be used: nitrile rubber

Thickness of the glove material > 0,4 mm ; Breakthrough time (maximum wearing time) > 480 min.

Observe the instructions and details for use, storage, maintenance and replacement provided by the protective glove manufacturer. Penetration time of glove material depending on intensity and duration of exposure to skin. Recommended glove articles DIN EN 374

Barrier creams can help protecting exposed skin areas. In no case should they be used after contact.

Eye protection

Wear closely fitting protective glasses in case of splashes.

Protective clothing

Wear antistatic clothing of natural fibers (cotton) or heat resistant synthetic fibers.

Protective measures

After contact clean skin thoroughly with water and soap or use appropriate cleanser.

Environmental exposure controls

Do not allow to enter into surface water or drains. See chapter 7. No additional measures necessary.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance:

Physical state liquid
Colour see trade name
Odour characteristic

Safety relevant basis data	Unit	Method	Remark
Flash point (°C):	Not applicable. °C	determined	
Ignition temperature in °C:	230 °C	literature value	
Lower explosion limit:	0,8 Vol-%	literature value	
Upper explosion limit:	10,6 Vol-%	literature value	
Vapour pressure at 20 °C:	9,76 mbar	literature value	
Density at 20 °C:	1,27 g/cm ³	determined	
Water solubility (g/L):	partially soluble		
pH at 20 °C:	-		
Viscosity at 20 °C:	30 s 6 mm	determined	

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according to DIN
53 211
ADR/RID

Solvent separation test (%): < 3 %
Solid content (%): 55,20 Wt %
solvent content:
Organic solvents: 2,45 Wt %
Water: 42,35 Wt %

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

none, if used correctly

10.2. Chemical stability

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to chapter 7.

10.3. Possibility of hazardous reactions

Keep away from strong acids, strong bases and strong oxidizing agents to avoid exothermic reactions.

10.4. Conditions to avoid

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to chapter 7. Hazardous decomposition byproducts may form with exposure to high temperatures.

10.5. Incompatible materials

10.6. Hazardous decomposition products

Hazardous decomposition byproducts may form with exposure to high temperatures, e.g.: carbon dioxide, carbon monoxide, smoke, nitrogen oxides. none, if used correctly

SECTION 11: Toxicological information

No data on preparation itself available.

11.1. Information on toxicological effects

Acute toxicity

2-butoxyethanol

oral, LD50, Rat: 1480 mg/kg

dermal, LD50, Rabbit: 400 mg/kg

inhalative (vapours), LC50, Rat: (4 h)

Irritant and corrosive effects

2-butoxyethanol

Skin

Eyes, Rabbit

Method: OECD 405

Sensitisation

Toxicological data are not available.

Specific target organ toxicity

Toxicological data are not available.

Aspiration hazard

Toxicological data are not available.

Practical experience/human evidence

Other observations:

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and/or absorption through skin. Splashing may cause eye irritation and reversible damage.

Overall Assessment on CMR properties

The ingredients in this preparation do not meet the criteria for classification as CMR category 1 or 2 according to 67/548/EEC.

There is no information available on the preparation itself. The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and has not been classified.

SECTION 12: Ecological information

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overall evaluation

There is no information available on the preparation itself.
Do not allow to enter into surface water or drains.

12.1. Toxicity

2-butoxyethanol

Fish toxicity, LC50, *Lepomis macrochirus* (Bluegill): 1490 mg/L (96 h)
Algae toxicity, EC0, *Scenedesmus quadricauda*: 900 mg/L (168 h)
Bacteria toxicity, EC0, *Pseudomonas putida*: 700 mg/L (16 h)
Daphnia toxicity, EC50: 1720 mg/L (24 h)
Algae toxicity, EC50, *Scenedesmus subspicatus*: > 500 mg/L (72 h)

Long-term Ecotoxicity

Toxicological data are not available.

12.2. Persistence and degradability

2-butoxyethanol

Biodegradation: 100 % (28 D)

12.3. Bioaccumulative potential

2-butoxyethanol

Distribution coefficient (n-octanol / water) (log P O/W): 0,81
Method: OECD 107
Biochemical oxygen demand (BOD): 756 mg/g
Chemical oxygen demand (COD): 2379 mg/g

Bioconcentration factor (BCF)

Toxicological data are not available.

12.4. Mobility in soil

Toxicological data are not available.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Other adverse effects

The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and is not classified as dangerous for the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Appropriate disposal / Product Recommendation

Do not allow to enter into surface water or drains. This material and its container must be disposed of in a safe way. Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste.

List of proposed waste codes/waste designations in accordance with EWC

080112 waste paint and varnish other than those mentioned in 080111

packaging

Recommendation

Non-contaminated packages may be recycled. Vessels not properly emptied are special waste.

SECTION 14: Transport information

This mixture is not classified as dangerous according to international transport regulations (ADR/RID, IMDG, ICAO/IATA).
No dangerous good in sense of this transport regulation.

14.1. UN number

not applicable

14.2. UN proper shipping name

14.3. Transport hazard class(es)

not applicable

14.4. Packing group

not applicable

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according to Regulation (EC) No. 1907/2006 (REACH)
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14.5. Environmental hazards

Land transport (ADR/RID) not applicable
Marine pollutant not applicable

14.6. Special precautions for user

Transport always in closed, upright and safe containers. Make sure that persons transporting the product know what to do in case of an accident or leakage.

Advices on safe handling: see parts 6 - 8

Additional information

Land transport (ADR/RID)

tunnel restriction code -

Sea transport (IMDG)

EmS-No. not applicable

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

not applicable

SECTION 15: Regulatory information

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

EU legislation

Information according to 1999/13/EC about limitation of emissions of volatile organic compounds (VOC-guideline).

VOC-value (in g/L) ISO 11890-2: 31,1

VOC-value (in g/L) ASTM D 2369: 67,2

National regulations

Restrictions of occupation

Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).

Other regulations, restrictions and prohibition regulations

15.2. Chemical Safety Assessment

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

SECTION 16: Other information

Relevant R-and H-phrases (Number and full text):

Acute Tox. 4 / H302	Acute toxicity (oral)	Harmful if swallowed.
Acute Tox. 4 / H312	Acute toxicity (dermal)	Harmful in contact with skin.
Acute Tox. 4 / H332	Acute toxicity (inhalative)	Harmful if inhaled.
Skin Irrit. 2 / H315	skin corrosion/irritation	Causes skin irritation.
Eye Irrit. 2 / H319	Serious eye damage/eye irritation	Causes serious eye irritation.
Xn; R20/21/22	Harmful	Harmful by inhalation, in contact with skin and if swallowed.
Xi; R36/38	Irritant	Irritating to eyes and skin.

Abbreviations and acronyms

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

Additional information

The information supplied on this safety data sheet complies with our current level of knowledge as well as with national and EU regulations. Without written approval, the product must not be used for purposes different from those mentioned in chapter 1. It is always the user's duty to take any necessary measures for meeting the requirements laid down by local rules and regulations. The details in this safety data sheet describe the safety requirements of our product and are not to be regarded as guaranteed attributes of the product.