

Article No.: 040-01/-02 PERMA-Primer XT
Print date: 18.09.2019 Revision date: 27.08.2019
Version: 45.58 Issue date: 19.08.2019

EN
Page 1 / 8

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

1.1. Product identifier

Article No. (manufacturer/supplier):
Trade name/designation PERMA-Primer XT
farblos
PRIM 040-01/02

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

Relevant identified uses

Primer

Uses advised against

Aware of any other information

1.3. Details of the supplier of the safety data sheet

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

Guard KG

Berta-Cramer-Ring 26
D-65205 Wiesbaden

Telephone: +49 6122 70463-16
Telefax: +49 6122 70463-28
Homepage: www.graffiti-guard.net

Dept. responsible for information:

E-mail (competent person)

auskunft@sdbinformation.de

1.4. Emergency telephone number

Emergency telephone number +49 2641 3897-51
Only available during office hours.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

2.2. Label elements

The product is classified and labelled according to EC directives or corresponding national laws.

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

Hazard pictograms

Hazard statements

No data available

Precautionary statements

No data available

Hazard components for labelling

No data available

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); 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.

EUH210 Safety data sheet available on request.

2.3. Other hazards

No information available.

SECTION 3: Composition / information on ingredients

3.2. Mixtures

Description water-dilutable insulating primer

Hazardous ingredients

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

Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH)
according to Regulation (EU) 2015/830



Article No.: 040-01/-02 PERMA-Primer XT
Print date: 18.09.2019 Revision date: 27.08.2019
Version: 45.58 Issue date: 19.08.2019

EN
Page 2 / 8

EC No. CAS No. INDEX No.	REACH No. Designation classification: // Remark	Wt %
--------------------------------	---	------

No data available

Additional information

Full text of classification: see section 16

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.

In case of 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

Take off immediately all contaminated clothing. 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

First Aid, decontamination, treatment of symptoms.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

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

Unsuitable extinguishing media

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.

Additional information

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.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ventilate affected area. Do not breathe vapours.

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 section 13). Clean using cleansing agents. Do not use solvents.

Article No.: 040-01/-02 PERMA-Primer XT
Print date: 18.09.2019 Revision date: 27.08.2019
Version: 45.58 Issue date: 19.08.2019

EN
Page 3 / 8

6.4. Reference to other sections

Observe protective provisions (see section 7 and 8).

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advices on safe handling

The usual precautionary measures for handling chemicals should be observed.

Further information

No special measures are required.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

No special measures are required. Keep container tightly closed. Store carefully closed containers upright to prevent any leaks.

Hints on joint storage

Keep away from strongly acidic and alkaline materials as well as oxidizers.

Further information on storage conditions

Keep away from frost! Keep only in the original container in a cool, well-ventilated place. Take care of instructions on label.

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

No data available

DNEL:

1,2-Propanediol

EC No. 200-338-0 / CAS No. 57-55-6

DNEL long-term inhalative (local), Workers: 10 mg/m³

DNEL long-term inhalative (systemic), Workers: 168 mg/m³

DNEL long-term oral (repeated), Consumer: 85 mg/kg

DNEL long-term dermal (systemic), Consumer: 213 mg/kg

DNEL long-term inhalative (local), Consumer: 10 mg/m³

DNEL long-term inhalative (systemic), Consumer: 50 mg/m³

PNEC:

1,2-Propanediol

EC No. 200-338-0 / CAS No. 57-55-6

PNEC aquatic, freshwater: 260 mg/l

PNEC aquatic, marine water: 26 mg/l

PNEC aquatic, intermittent release: 183 mg/l

PNEC sediment, freshwater: 572 mg/kg

PNEC sediment, marine water: 57,2 mg/kg

PNEC, soil: 50 mg/kg

PNEC sewage treatment plant (STP): 2000 mg/l

PNEC Secondary Poisoning: 1133 mg/kg

8.2. Exposure controls

Provide good ventilation.

Personal protection equipment

Respiratory protection

Recommended respiratory protection articles: Inadequately ventilated workplaces and spraying procedures are necessary. Fresh air mask or short-time work combination filter A2-P2 are recommended.

Hand protection

Wear protective gloves. Suitable material: NBR (Nitrile rubber)

Eye/face protection

Wear closely fitting protective glasses in case of splashes.

Article No.: 040-01/-02 PERMA-Primer XT
Print date: 18.09.2019 Revision date: 27.08.2019
Version: 45.58 Issue date: 19.08.2019

EN
Page 4 / 8

Body protection

No special measures are necessary.

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 section 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: colourless

Odour: characteristic

Odour threshold: No data available

pH at 20 °C: 4 - 6

Melting point/freezing point: No data available

Initial boiling point and boiling range: 100 °C
Source: Water

Flash point: Not applicable.

Evaporation rate: No data available

flammability

Burning time (s): No data available

Upper/lower flammability or explosive limits:

Lower explosion limit: 0,8 Vol-%
Method: literature value

Upper explosion limit: No data available

Vapour pressure at 20 °C: No data available

Vapour density: No data available

Relative density:

Density at 20 °C: 1,03 g/cm³
Method: DIN 53217

Solubility(ies):

Water solubility (g/L) at 20 °C: partially soluble

Partition coefficient: n-octanol/water: see section 12

Auto-ignition temperature: No data available

Decomposition temperature: No data available

Viscosity at 23 °C: 20 s 4 mm
Method: DIN 53211

Explosive properties: No data available

Oxidising properties: No data available

9.2. Other information

Solid content (%): 19 Wt %

solvent content:

Organic solvents: 2 Wt %

Water: 79 Wt %

SECTION 10: Stability and reactivity

10.1. Reactivity

No information available.

10.2. Chemical stability

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

Article No.: 040-01/-02 PERMA-Primer XT
Print date: 18.09.2019 Revision date: 27.08.2019
Version: 45.58 Issue date: 19.08.2019

EN
Page 5 / 8

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 section 7. Hazardous decomposition byproducts may form with exposure to high temperatures.

10.5. Incompatible materials

not applicable

10.6. Hazardous decomposition products

Hazardous decomposition byproducts may form with exposure to high temperatures, e.g.: carbon dioxide, carbon monoxide, smoke, nitrogen oxides.

SECTION 11: Toxicological information

Classification according to Regulation (EC) No 1272/2008 [CLP]
No data on preparation itself available.

11.1. Information on toxicological effects

Acute toxicity

1,2-Propanediol
oral, LD50, Rat: 22000 mg/kg
dermal, LD50, Rabbit: > 2000 mg/kg
inhalative (vapours), LC50, Rat: > 20 mg/l (4 h)

Skin corrosion/irritation; Serious eye damage/eye irritation

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

Respiratory or skin sensitisation

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

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

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

STOT-single exposure; STOT-repeated exposure

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

Aspiration hazard

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

Practical experience/human evidence

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 mixture do not meet the criteria for classification as CMR category 1A or 1B according to CLP.

Remark

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

Classification according to Regulation (EC) No 1272/2008 [CLP]
There is no information available on the preparation itself.
Do not allow to enter into surface water or drains.

12.1. Toxicity

1,2-Propanediol
Fish toxicity, LC50, Oncorhynchus mykiss (Rainbow trout): 40613 mg/l (96 h)
Method: OECD 203
Daphnia toxicity, EC50, Mysisopsis bahia: 18340 mg/l (48 h)
Method: OECD 202
Algae toxicity, ErC50, Pseudokirchneriella subcapitata: 19000 mg/l (96 h)
Method: OECD 201
Bacteria toxicity, NOEC, Pseudomonas putida: > 20000 mg/l (18 h)

Long-term Ecotoxicity

Article No.: 040-01/-02 PERMA-Primer XT
Print date: 18.09.2019 Revision date: 27.08.2019
Version: 45.58 Issue date: 19.08.2019

EN
Page 6 / 8

1,2-Propanediol
Daphnia toxicity, NOEC, Ceriodaphnia spec: 13020 mg/l (7 d)

12.2. Persistence and degradability

1,2-Propanediol
Biodegradation: 81 (28 d); evaluation Readily biodegradable (according to OECD criteria)
Method: OECD 301F

12.3. Bioaccumulative potential

1,2-Propanediol
Partition coefficient n-octanol /water (log P O/W):: -0,92

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

No information available.

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 08 01 11

Appropriate disposal / Package 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

No data available

14.2. UN proper shipping name

14.3. Transport hazard class(es)

No data available

14.4. Packing group

No data available

14.5. Environmental hazards

Land transport (ADR/RID) No data available

Marine pollutant No data available

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

Further information

Land transport (ADR/RID)

Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH)
according to Regulation (EU) 2015/830



Article No.: 040-01/-02 PERMA-Primer XT
Print date: 18.09.2019 Revision date: 27.08.2019
Version: 45.58 Issue date: 19.08.2019

EN
Page 7 / 8

tunnel restriction code -

Sea transport (IMDG)

EmS-No. No data available

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

not applicable

SECTION 15: Regulatory information

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

EU legislation

Regulation (EU) No. 528/2012 on biocides

Treated goods:

The mixture contains biocidal active ingredients.

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)

2-methyl-2H-isothiazol-3-one

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

Use

Main group 2: Preservatives

Product-type 6: Preservatives for products during storage

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances [Seveso-III-Directive]

This product is not classified according to Directive 2012/18/EU.

Directive 2004/42/EC on the limitation of emissions of volatile organic compounds

VOC product category: (Cat. A/g) ; VOC limit value: 30 g/l

Maximum VOC content (g/L) of the product in a ready to use condition: 30

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).

15.2. Chemical Safety Assessment

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

SECTION 16: Other information

Abbreviations and acronyms

ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
OEL	Occupational Exposure Limit Value
BLV	Biological Limit Value
CAS	Chemical Abstracts Service
CLP	Classification, Labelling and Packaging
CMR	Carcinogenic, Mutagenic and Reprotoxic
DIN	German Institute for Standardization / German industrial standard
DNEL	Derived No-Effect Level
EAKV	European Waste Catalogue Directive
EC	Effective Concentration
EC	European Community
EN	European Standard
IATA-DGR	International Air Transport Association – Dangerous Goods Regulations
IBC Code	International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
ICAO-TI	International Civil Aviation Organization Technical Instructions for the Safe Transport of Dangerous Goods by Air
IMDG Code	International Maritime Code for Dangerous Goods
ISO	International Organization for Standardization
LC	Lethal Concentration
LD	Lethal Dose
MARPOL	Maritime Pollution: The International Convention for the Prevention of Pollution from Ships
OECD	Organisation for Economic Cooperation and Development
PBT	persistent, bioaccumulative, toxic

Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH)
according to Regulation (EU) 2015/830



Graffiti-Guard
Anti-Graffiti-System

Article No.: 040-01/-02 PERMA-Primer XT
Print date: 18.09.2019 Revision date: 27.08.2019
Version: 45.58 Issue date: 19.08.2019

EN
Page 8 / 8

PNEC	Predicted No Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
UN	United Nations
VOC	Volatile Organic Compounds
vPvB	very persistent and very bioaccumulative

Data sources:

Data arise from reference works and literature.

Further 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.

* Data changed compared with the previous version