

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



Article No.: 07-2670
Print date: 29.08.2017
Version: 71.0

Wetterschutzfarbe PLUS
Revision date: 11.08.2017
Issue date: 11.08.2017

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

1.1. product identifiers

Article No. (manufacturer/supplier): 07-2670
Identification of the substance or mixture: Wetterschutzfarbe PLUS
weiss
seidenglänzend

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

Relevant identified uses

Varnish / paint

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)

P.A. Jansen GmbH u. Co., KG
Maler-Spezialprodukte
Hochstadenstraße 22
D-53474 Bad Neuenahr-Ahrweiler
Telephone: +49 2641 3897-0
Telefax: +49 2641 3897-28
Homepage: www.jansen.de

Dept. responsible for information:

laboratory
E-mail (competent person) info@jansen.de

1.4. Emergency telephone number

Emergency telephone number +49 2641 3897-53
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

contains:

octhilinone (ISO)
3-Iod-2-Propinylbutylcarbamate

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

SECTION 3: Composition / information on ingredients

3.2. Mixtures

Product description / chemical characterization

Description

*

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Hazardous ingredients

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

| EC No. CAS No. INDEX No. | REACH No. Chemical name classification: // Remark | Wt % |
|--------------------------------|---|-------|
| 231-784-4 7727-43-7 | 01-2119491274-35 barium sulfate Substance with a common (EC) occupational exposure limit value. | 5 - 7 |

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

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.

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. 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

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for disposal in appropriate containers in accordance with the local regulations (see section 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

The usual precautionary measures for handling chemicals should be observed.

Precautions against fire and explosion:

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

barium sulfate

EC No. 231-784-4 / CAS No. 7727-43-7

WEL, TWA: 10 mg/m³

Remark: (inhalable fraction)

WEL, TWA: 4 mg/m³

Remark: (respirable fraction)

Additional information

TWA : long-term occupational exposure limit value

STEL : short-term occupational exposure limit value

Ceiling : peak limitation

DNEL:

Propylenglykol

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 inhalative (local), Consumer: 10 mg/m³

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

PNEC:

Propylenglykol

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): 20000 mg/l

8.2. Exposure controls

Provide good ventilation.

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Occupational exposure controls

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 protection

Wear closely fitting protective glasses in case of splashes.

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: white

Odour: mild

Odour threshold: No data available

pH at 20 °C: 7 - 8

Melting point/freezing point: No data available

Initial boiling point and boiling range: No data available

Flash point: Not applicable.

Evaporation rate: No data available

Flammability (solid, gas):
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: 0,11 mbar
Source: Propylenglykol

Vapour density: No data available

Relative density:
Density at 20 °C: 1,33 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 °C: 40-45 Poise

Explosive properties: No data available

Oxidising properties: No data available

9.2. Other information

Solid content (%): 53 Wt %

solvent content:

Organic solvents: 1 Wt %
Water: 46 Wt %

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SECTION 10: Stability and reactivity

10.1. Reactivity

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.

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

Propylenglykol

oral, LD50, Rat: > 5000 mg/kg

Halox BW 100

oral, LD50, Rat: 646 mg/kg

skin corrosion/irritation; Serious eye damage/eye irritation

Toxicological data are not available.

Respiratory or skin sensitisation

Toxicological data are not available.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

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 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 .

SECTION 12: Ecological information

overall evaluation

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

No information available.

Long-term Ecotoxicity

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Toxicological data are not available.

12.2. Persistence and degradability

Toxicological data are not available.

12.3. Bioaccumulative potential

Toxicological data are not available.

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

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

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)

tunnel restriction code

-

Sea transport (IMDG)

EmS-No.

No data available

Air transport (ICAO-TI / IATA-DGR)

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

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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)
octhilinone (ISO)
3-Iod-2-Propinylbutylcarbamate
zinc pyrithione

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Übersetzer

Deutsch

Englisch

Französisch

Sprache erkennen

Italienisch

Französisch

Englisch

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Zinkpyrithion

Zinc pyrithione

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Übersetzer

Deutsch

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Französisch

Sprache erkennen

Italienisch

Französisch

Englisch

Zinkpyrithion

Zinc pyrithione

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2-methyl-2H-isothiazol-3-on
1,2-Benzisothiazol-3(2H)-one

Use

Main group 2: Preservatives
Product-type 6: Preservatives for products during storage
Product-type 7: Film preservatives

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

VOC product category: (Cat. A/d) ; VOC limit value: 130 g/l
Maximum VOC content (g/L) of the product in a ready to use condition: 130

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**

For the following substances of this preparation a chemical safety assessment has been carried out:

| EC No. CAS No. | Chemical name | REACH No. |
|------------------------|----------------|------------------|
| 231-784-4 7727-43-7 | barium sulfate | 01-2119491274-35 |
| 200-338-0 57-55-6 | Propylenglykol | 01-2119456809-23 |

SECTION 16: Other information

Full text of classification in section 3:

Abbreviations and acronyms

| | |
|-----------|--|
| ADR | European Agreement concerning the International Carriage of Dangerous Goods by Road |
| WEL | occupational exposure limit value |
| CAS | Chemical Abstracts Service (division of the American Chemical Society) |
| CLP | Regulation (EC) No 1272/2008 on the classification, labelling and packaging of substances and mixtures |
| CMR | Substances classified as Carcinogenic, Mutagenic or toxic for Reproduction |
| DIN | German institute for standardization /German industry standard |
| DNEL | Derived No-Effect Level (REACH) |
| EINECS | European Inventory of Existing Commercial Chemical Substances |
| IATA | International Air Transport Association |
| IMDG Code | International maritime code for danergerous goods |
| LC50 | Lethal concentration, 50 percent |
| LD50 | Lethal dose, 50 percent |
| OECD | Organization for Economic Cooperation and Development |
| PBT | Persistent, bioaccumulative and toxic substances |
| PNEC | Predicted No-Effect Concentration (REACH) |
| REACH | Registration , Evaluation , Authorisation and Restriction of CHemicals |
| RID | Regulation on the international carriage of dangerous goods by rail |
| TRBS | Technical rules Operational safety |
| VOC | Volatile organic compounds |
| vPvB | very persistent, very bioaccumulative |

Data sources:

Data arise from reference works and literature.

Further information

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

Classification procedure:

Physical hazards: On basis of test data.

Health and environmental hazards: Calculation method.

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

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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