# Safety data sheet

**according to 1907/2006/EC, Article 31**

Printing date 27.07.2022 Version number 5.1 (replaces version 5.0) Revision: 27.07.2022

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

***1.1 Product identifier***

***Trade name:*** **Wood Putty**

***Article number:*** 7350

***1.2 Relevant identified uses of the substance or mixture and uses advised against*** No further relevant information available.

***Application of the substance / the mixture*** Knifing filler/ Surfacer
Coating

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

***Manufacturer/Supplier:*** Osmo Holz und Color GmbH & Co. KG
Affhüppen Esch 12
D-48231 Warendorf
Germany

***Further information obtainable from:*** Product safety department
Tel.: +49 (0) 251 / 692 - 188
Fax: +49 (0) 251 / 692 - 462
e-mail: helmut.starp@osmo.de

***1.4 Emergency telephone number:*** emergency phone no. Berlin (24h): +49 (0) 30 / 30686 790 advisory service in German and English

## SECTION 2: Hazards identification

***2.1 Classification of the substance or mixture***

***Classification according to Regulation (EC) No 1272/2008***

Skin Sens. 1 H317 May cause an allergic skin reaction.

***Additional information:*** HSNO Classes: Voit

***2.2 Label elements***

***Hazard pictograms***

GHS07

***Signal word*** Warning

***Hazard-determining components of labelling:*** 2-methyl-2H-isothiazol-3-one
1,2-benzisothiazol-3(2H)-one

***Hazard statements*** H317 May cause an allergic skin reaction.

***Precautionary statements***

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P280 Wear protective gloves.

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P302+P352 IF ON SKIN: Wash with plenty of water.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P362+P364 Take off contaminated clothing and wash it before reuse.
P501 Dispose of contents/container in accordance with national regulations.

***Additional information:*** Contains biocidal products: 1,2-benzisothiazol-3(2H)-one, 2-methyl-2H-isothiazol-3-one

***2.3 Other hazards*** Always wear a dust mask when sanding.
Observe the general safety regulations when handling chemicals.

***Results of PBT and vPvB assessment***

***PBT:*** Not applicable.

***vPvB:*** Not applicable.

## SECTION 3: Composition/information on ingredients

***3.2 Mixtures***

***Description:*** Mixture of substances listed below with nonhazardous additions.

| ***Dangerous components:*** | | |
|---|---|---|
| CAS: 2634-33-5<br>EINECS: 220-120-9<br>Index number: 613-088-00-6 | 1,2-benzisothiazol-3(2H)-one<br>Eye Dam. 1, H318; Aquatic Acute 1, H400; Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317<br>Specific concentration limit: Skin Sens. 1; H317: C ≥ 0.05 % | <0.05% |
| CAS: 2682-20-4<br>EINECS: 220-239-6<br>Index number: 613-326-00-9 | 2-methyl-2H-isothiazol-3-one<br>Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 2, H330; Skin Corr. 1B, H314; Eye Dam. 1, H318; Aquatic Acute 1, H400 (M=10); Aquatic Chronic 1, H410 (M=1); Skin Sens. 1A, H317<br>Specific concentration limit: Skin Sens. 1A; H317: C ≥ 0.0015 % | ≥0.0015–<0.025% |

***SVHC*** Not applicable.

***Additional information:*** For the wording of the listed hazard phrases refer to section 16.

## SECTION 4: First aid measures

***4.1 Description of first aid measures***

***General information:*** Immediately remove any clothing soiled by the product.

***After inhalation:*** Supply fresh air; consult doctor in case of complaints.

***After skin contact:*** Immediately wash with water and soap and rinse thoroughly.
If skin irritation continues, consult a doctor.
If skin irritation or rash occurs: Get medical advice/attention.

***After eye contact:*** Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

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***After swallowing:*** If symptoms persist consult doctor.

***4.2 Most important symptoms and effects, both acute and delayed*** No further relevant information available.

***4.3 Indication of any immediate medical attention and special treatment needed*** No further relevant information available.

## SECTION 5: Firefighting measures

***5.1 Extinguishing media***

***Suitable extinguishing agents:*** Use fire extinguishing methods suitable to surrounding conditions.

***For safety reasons unsuitable extinguishing agents:*** None known.

***5.2 Special hazards arising from the substance or mixture*** In case of fire, the following can be released:

***5.3 Advice for firefighters***

***Protective equipment:*** No special measures required.

## SECTION 6: Accidental release measures

***6.1 Personal precautions, protective equipment and emergency procedures*** Product forms slippery surface when combined with water.
Wear protective clothing.

***For non-emergency personnel*** No action shall be taken involving any personal risk or without suitable training.

***For emergency responders*** Wear protective equipment. Keep unprotected persons away.

***6.2 Environmental precautions:*** Dilute with plenty of water.

***6.3 Methods and material for containment and cleaning up:*** Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders).
Dispose of the material collected according to regulations.
Warm water and cleansing agent

***6.4 Reference to other sections*** See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

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## SECTION 7: Handling and storage

**7.1 Precautions for safe handling**
Open and handle receptacle with care.
Avoid contact with skin and eyes.

**General protective and hygienic measures:**
Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.
Do not eat, drink, smoke or sniff while working.
Do not carry product impregnated cleaning cloths in trouser pockets.

**Information about fire - and explosion protection:**
No special measures required.

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

**Storage:**

**Requirements to be met by storerooms and receptacles:**
No special requirements.

**Information about storage in one common storage facility:**
Not required.

**Further information about storage conditions:**
Protect from frost.

**Recommended storage temperature:**
+10 °C - +25 °C

**Storage class:**
TRGS 510 storage class: 12 non-flammable liquids that can not be assigned to any other storage class.

**7.3 Specific end use(s)**
No further relevant information available.

## SECTION 8: Exposure controls/personal protection

**8.1 Control parameters**

**Ingredients with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**Additional information:**
The lists valid during the making were used as basis.

**8.2 Exposure controls**

**Appropriate engineering controls**
Ensure good ventilation/exhaustion at the workplace.

**Individual protection measures, such as personal protective equipment**

**General protective and hygienic measures:**
Wash hands before breaks and at the end of work.
The usual precautionary measures are to be adhered to when handling chemicals.

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Store protective clothing separately.
Do not eat, drink, smoke or sniff while working.
See Section 7 for information on safe handling.

***Respiratory protection:*** Not necessary if room is well-ventilated.
Use a properly fitted, air-purifying or air-fed repirator complying with an approved standard if a risk assessment indicates this is necessary.

***Hand protection*** Protective gloves
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

***Material of gloves*** The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.
As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

***Penetration time of glove material*** The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

***For the permanent contact gloves made of the following materials are suitable:*** Nitrile rubber, NBR
Recommended thickness of the material: ≥ 0.4 mm
For the mixture the penetration time has to be at least 480 minutes (Permeation according to EN 374 Part 3: Level 6).

***As protection from splashes gloves made of the following materials are suitable:*** Nitrile rubber, NBR

***Eye/face protection*** Goggles recommended during refilling

***Body protection:*** Protective work clothing

## SECTION 9: Physical and chemical properties

***9.1 Information on basic physical and chemical properties***

| | |
|---|---|
| ***General Information*** | |
| ***Physical state*** | Fluid |
| ***Colour:*** | Light beige |
| ***Odour:*** | Light |
| ***Odour threshold:*** | Not determined. |
| ***Melting point/freezing point:*** | Undetermined. |
| ***Boiling point or initial boiling point and boiling range*** | 100 °C |
| ***Flammability*** | Not applicable. |

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| | |
|---|---|
| ***Lower and upper explosion limit*** | |
| ***Lower:*** | Not determined. |
| ***Upper:*** | Not determined. |
| ***Flash point:*** | Not applicable. |
| ***Ignition temperature:*** | Undetermined |
| ***Decomposition temperature:*** | Undertemined<br>Not determined. |
| ***pH at 20 °C*** | 7 |
| ***Viscosity:*** | |
| ***Kinematic viscosity at 20 °C*** | 6,372.5 mm²/s |
| ***Dynamic at 20 °C:*** | 6,500 mPas |
| ***Solubility*** | |
| ***water:*** | Fully miscible. |
| ***Partition coefficient n-octanol/water (log value)*** | Not determined. |
| ***Vapour pressure at 20 °C:*** | 23 hPa |
| ***Density and/or relative density*** | |
| ***Density at 20 °C:*** | 1.05 g/cm³ (DIN 51757) |
| ***Relative density*** | Not determined. |

| | |
|---|---|
| ***9.2 Other information*** | |
| ***Appearance:*** | |
| ***Form:*** | Viscous |
| ***Important information on protection of health and environment, and on safety.*** | |
| ***Auto-ignition temperature:*** | Product is not selfigniting. |
| ***Explosive properties:*** | Product does not present an explosion hazard. |
| ***Change in condition*** | |
| ***Evaporation rate*** | Not determined. |

| | |
|---|---|
| ***Information with regard to physical hazard classes*** | |
| ***Explosives*** | Void |
| ***Flammable gases*** | Void |
| ***Aerosols*** | Void |
| ***Oxidising gases*** | Void |
| ***Gases under pressure*** | Void |
| ***Flammable liquids*** | Void |
| ***Flammable solids*** | Void |
| ***Self-reactive substances and mixtures*** | Void |
| ***Pyrophoric liquids*** | Void |
| ***Pyrophoric solids*** | Void |
| ***Self-heating substances and mixtures*** | Void |
| ***Substances and mixtures, which emit flammable gases in contact with water*** | Void |
| ***Oxidising liquids*** | Void |

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| | |
|---|---|
| ***Oxidising solids*** | Void |
| ***Organic peroxides*** | Void |
| ***Corrosive to metals*** | Void |
| ***Desensitised explosives*** | Void |

## SECTION 10: Stability and reactivity

***10.1 Reactivity*** No further relevant information available.
***10.2 Chemical stability***
***Thermal decomposition / conditions to be avoided:*** No decomposition if used and stored according to specifications.
***10.3 Possibility of hazardous reactions*** No dangerous reactions known.
***10.4 Conditions to avoid*** No further relevant information available.
***10.5 Incompatible materials:*** No further relevant information available.
***10.6 Hazardous decomposition products:*** No dangerous decomposition products known.

## SECTION 11: Toxicological information

***11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008***
***Acute toxicity*** Based on available data, the classification criteria are not met.

| ***LD/LC50 values relevant for classification:*** | | |
|---|---|---|
| **2634-33-5 1,2-benzisothiazol-3(2H)-one** | | |
| Oral | LD50 | >5,000 mg/kg (rat) |
| Dermal | LD50 | >5,000 mg/kg (rat) |
| **2682-20-4 2-methyl-2H-isothiazol-3-one** | | |
| Oral | LD50 | 50 mg/kg (rat) (OECD401) |
| Dermal | LD50 | 200 mg/kg (rat) (OECD402) |
| Inhalative | LC50 / 4h | >0.05 mg/l (rat) (OECD403 Aerosol) |

***Skin corrosion/irritation*** Based on available data, the classification criteria are not met.
***Serious eye damage/irritation*** Based on available data, the classification criteria are not met.
***Respiratory or skin sensitisation*** May cause an allergic skin reaction.
***Germ cell mutagenicity*** Based on available data, the classification criteria are not met.
***Carcinogenicity*** Based on available data, the classification criteria are not met.
***Reproductive toxicity*** Based on available data, the classification criteria are not met.
***STOT-single exposure*** Based on available data, the classification criteria are not met.
***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.

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***Additional toxicological information:***

***Sensitisation*** May cause an allergic skin reaction.

***11.2 Information on other hazards***

| ***Endocrine disrupting properties*** |
|---|
| None of the ingredients is listed. |

## SECTION 12: Ecological information

***12.1 Toxicity***

| ***Aquatic toxicity:*** | |
|---|---|
| **2634-33-5 1,2-benzisothiazol-3(2H)-one** | |
| EC50/ 72h | 0.15 mg/l (algae) |
| LC50 / 96h | 1.3–1.6 mg/l (fish) |
| LC50 / 48h | 1.5–3.3 mg/l (Daphnia magna) |
| **2682-20-4 2-methyl-2H-isothiazol-3-one** | |
| EC50/ 72h (Static) | 0.1 mg/l (algae) (OECD201) |

***12.2 Persistence and degradability*** No further relevant information available.

| ***12.3 Bioaccumulative potential*** | |
|---|---|
| **2682-20-4 2-methyl-2H-isothiazol-3-one** | |
| log POW | <3 |

***12.4 Mobility in soil*** No further relevant information available.

***12.5 Results of PBT and vPvB assessment***

***PBT:*** Not applicable.

***vPvB:*** Not applicable.

***12.6 Endocrine disrupting properties*** The product does not contain substances with endocrine disrupting properties.

***12.7 Other adverse effects***

***Additional ecological information:***

***General notes:*** Not hazardous for water.
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

## SECTION 13: Disposal considerations

***13.1 Waste treatment methods***

***Recommendation*** Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements.

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| European waste catalogue | |
|---|---|
| 08 01 20 | aqueous suspensions containing paint or varnish other than those mentioned in 08 01 19 |
| 15 01 02 | plastic packaging |

**Uncleaned packaging:**
**Recommendation:** Disposal must be made according to official regulations.
**Recommended cleansing agents:** Water, if necessary together with cleansing agents.

## SECTION 14: Transport information

| | |
|---|---|
| **14.1 UN number or ID number** | |
| **ADR, ADN, IMDG, IATA** | Not applicable |
| **14.2 UN proper shipping name** | |
| **ADR, ADN, IMDG, IATA** | Not applicable |
| **14.3 Transport hazard class(es)** | |
| **ADR, ADN, IMDG, IATA** | |
| **Class** | Not applicable |
| **14.4 Packing group** | |
| **ADR, IMDG, IATA** | Not applicable |
| **14.5 Environmental hazards:** | |
| **Marine pollutant:** | No |
| **14.6 Special precautions for user** | Not applicable. |
| **14.7 Maritime transport in bulk according to IMO instruments** | Not applicable. |
| **UN "Model Regulation":** | Not applicable |

## SECTION 15: Regulatory information

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

**Directive 2012/18/EU**
**Named dangerous substances - ANNEX I** None of the ingredients is listed.
**REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3

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| ***DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II*** |
|---|
| None of the ingredients is listed. |

***REGULATION (EU) 2019/1148***

| ***Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))*** |
|---|
| None of the ingredients is listed. |

| ***Annex II - REPORTABLE EXPLOSIVES PRECURSORS*** |
|---|
| None of the ingredients is listed. |

| ***Regulation (EC) No 273/2004 on drug precursors*** |
|---|
| None of the ingredients is listed. |

| ***Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors*** |
|---|
| None of the ingredients is listed. |

***15.2 Chemical safety assessment:*** A Chemical Safety Assessment has not been carried out.

## SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

***Reasons for alterations*** Reach Annex II (2021)

***Relevant phrases***
H301 Toxic if swallowed.
H302 Harmful if swallowed.
H311 Toxic in contact with skin.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H330 Fatal if inhaled.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.

***Classification according to Regulation (EC) No 1272/2008*** The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

***Department issuing SDS:*** product safety department
***Contact:*** Hr. Dr. Starp
***Version number of previous version:*** 5.0
***Abbreviations and acronyms:*** ADR: Accord relatif au transport international des marchandises dangereuses par route
(European Agreement Concerning the International Carriage of Dangerous Goods by Road)

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IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
SVHC: Substances of Very High Concern
vPvB: very Persistent and very Bioaccumulative
Acute Tox. 3: Acute toxicity – Category 3
Acute Tox. 4: Acute toxicity – Category 4
Acute Tox. 2: Acute toxicity – Category 2
Skin Corr. 1B: Skin corrosion/irritation – Category 1B
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Skin Sens. 1: Skin sensitisation – Category 1
Skin Sens. 1A: Skin sensitisation – Category 1A
Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

***Sources***

ESIS : European chemical Substances Information System
ECHA Portal
Safety data sheets from raw material suppliers

**** Data compared to the previous version altered.***

Additions, Deletions, Revisions
Updated according to regulation (EU) 2020/878 amending regulation (EC) No: 1907/2006 (REACH)