



Safety data sheet

This SDS is an English translation of COMMISSION REGULATION (EU) 2020/878, without any country-specific legislation




Uula Linseed Oil Paint White

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

- 1.1 Product identifier:** Uula Linseed Oil Paint
White
- Other means of identification:**
- UFI:** TXC1-HOMA-900T-KS44
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:**
Relevant uses: Painting work.
Uses advised against: All uses not specified in this section or in section 7.3
- 1.3 Details of the supplier of the safety data sheet:**
Uula Color Oy
Yttiläntie 265
FI-32920 Kauvatsa - Finland
Phone: +358 10 820 0020
uula@uula.fi
<http://www.uula.fi>
- 1.4 Emergency telephone number:** Emergency telephone number Europe: 112

SECTION 2: HAZARDS IDENTIFICATION **

- 2.1 Classification of the substance or mixture:**
CLP Regulation (EC) No 1272/2008:
Classification of this product has been carried out in accordance with CLP Regulation (EC) No 1272/2008.
Aquatic Chronic 2: Hazardous to the aquatic environment, long-term hazard, Category 2, H411
Eye Irrit. 2: Eye irritation, Category 2, H319
Skin Irrit. 2: Skin irritation, Category 2, H315
Skin Sens. 1A: Sensitisation, skin, Category 1A, H317
- 2.2 Label elements:**
CLP Regulation (EC) No 1272/2008:
Warning

Hazard statements:
Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.
Eye Irrit. 2: H319 - Causes serious eye irritation.
Skin Irrit. 2: H315 - Causes skin irritation.
Skin Sens. 1A: 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.
P264: Wash contaminated skin thoroughly after handling.
P280: Wear protective gloves/protective clothing/eye protection.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P501: Dispose of contents/container according to the separated collection system used in your municipality.
Supplementary information:
EUH201: Contains lead. Should not be used on surfaces liable to be chewed or sucked by children.
Contains 2-octyl-2H-isothiazol-3-one, Cobalt bis(2-ethylhexanoate).
Substances that contribute to the classification
Reaction mass of Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate; 4,5-dichloro-2-octyl-2H-isothiazol-3-one
- 2.3 Other hazards:**

** Changes with regards to the previous version

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SECTION 2: HAZARDS IDENTIFICATION ** (continued)

Product fails to meet PBT/vPvB criteria
Endocrine-disrupting properties: The product fails to meet the criteria.

** Changes with regards to the previous version

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS **

3.1 Substance:

Non-applicable

3.2 Mixture:

Chemical description: Dispersion of pigments in solvents**Components:**

In accordance with Annex II of Regulation (EC) No 1907/2006 (point 3), the product contains:

| Identification | Chemical name/Classification | Concentration |
|---|---|---------------|
| CAS: 68649-95-6 EC: 272-038-8 Index: Non-applicable REACH: 01-2119484875-20-XXXX | Linseed oil, oxidized⁽¹⁾ Not classified Regulation 1272/2008 | 25 - <30 % |
| CAS: Non-applicable EC: 918-481-9 Index: Non-applicable REACH: 01-2119457273-39-XXXX | Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics⁽²⁾ Self-classified Regulation 1272/2008 Asp. Tox. 1: H304; EUH066 - Danger | 5 - <10 % |
| CAS: 1314-13-2 EC: 215-222-5 Index: 030-013-00-7 REACH: 01-2119463881-32-XXXX | Zinc oxide⁽²⁾ ATP CLP00 Regulation 1272/2008 Aquatic Acute 1: H400; Aquatic Chronic 1: H410 - Warning | 2 - <4 % |
| CAS: 1065336-91-5 EC: 915-687-0 Index: Non-applicable REACH: 01-2119491304-40-XXXX | Reaction mass of Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate⁽²⁾ Self-classified Regulation 1272/2008 Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Repr. 2: H361f; Skin Sens. 1A: H317 - Warning | <0,4 % |
| CAS: 61789-72-8 EC: 939-290-7 Index: Non-applicable REACH: 01-2119970169-28-XXXX | Quaternary ammonium compounds, benzyl-C16-18-alkyldimethyl, chlorides⁽²⁾ Self-classified Regulation 1272/2008 Acute Tox. 4: H302; Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Eye Dam. 1: H318; Skin Corr. 1B: H314 - Danger | <0,25 % |
| CAS: 64359-81-5 EC: 264-843-8 Index: 613-335-00-8 REACH: Non-applicable | 4,5-dichloro-2-octyl-2H-isothiazol-3-one⁽²⁾ Self-classified Regulation 1272/2008 Acute Tox. 2: H330; Acute Tox. 4: H302+H312; Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Skin Corr. 1B: H314; Skin Sens. 1A: H317; STOT SE 3: H335; EUH071 - Danger | <0,2 % |
| CAS: 26530-20-1 EC: 247-761-7 Index: 613-112-00-5 REACH: 01-2120768921-45-XXXX | 2-octyl-2H-isothiazol-3-one⁽²⁾ Self-classified Regulation 1272/2008 Acute Tox. 3: H311+H331; Acute Tox. 4: H302; Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Skin Corr. 1B: H314; Skin Sens. 1: H317 - Danger | <0,15 % |
| CAS: 872-50-4 EC: 212-828-1 Index: 606-021-00-7 REACH: 01-2119472430-46-XXXX | N-methyl-2-pyrrolidone⁽³⁾ ATP ATP09 Regulation 1272/2008 Eye Irrit. 2: H319; Repr. 1B: H360D; Skin Irrit. 2: H315; STOT SE 3: H335 - Danger | <0,1 % |
| CAS: 55406-53-6 EC: 259-627-5 Index: 616-212-00-7 REACH: 01-2120762115-60-XXXX | 3-iodo-2-propynyl Butylcarbamate⁽²⁾ ATP ATP06 Regulation 1272/2008 Acute Tox. 3: H331; Acute Tox. 4: H302; Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Eye Dam. 1: H318; Skin Sens. 1: H317; STOT RE 1: H372 - Danger | <0,07 % |
| CAS: 136-52-7 EC: 205-250-6 Index: Non-applicable REACH: 01-2119524678-29-XXXX | Cobalt bis(2-ethylhexanoate)⁽²⁾ Self-classified Regulation 1272/2008 Aquatic Acute 1: H400; Aquatic Chronic 3: H412; Eye Irrit. 2: H319; Repr. 1B: H360; Skin Sens. 1A: H317 - Danger | <0,03 % |

⁽¹⁾ Voluntarily-listed substance failing to meet any of the criteria set out in Regulation (EU) No. 2020/878⁽²⁾ Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2020/878⁽³⁾ Substance with a Union workplace exposure limit

** Changes with regards to the previous version

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS ** (continued)

To obtain more information on the hazards of the substances consult sections 11, 12 and 16.

Other information:

| Identification | M-factor | |
|---|----------|---------|
| | Acute | Chronic |
| 4,5-dichloro-2-octyl-2H-isothiazol-3-one CAS: 64359-81-5 EC: 264-843-8 | 100 | 100 |
| 3-iodo-2-propynyl Butylcarbamate CAS: 55406-53-6 EC: 259-627-5 | 10 | 1 |

| Identification | Specific concentration limit |
|---|-------------------------------------|
| 2-octyl-2H-isothiazol-3-one CAS: 26530-20-1 EC: 247-761-7 | % (w/w) >=0,05: Skin Sens. 1 - H317 |
| N-methyl-2-pyrrolidone CAS: 872-50-4 EC: 212-828-1 | % (w/w) >=10: STOT SE 3 - H335 |

** Changes with regards to the previous version

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures:

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

By inhalation:

This product is not classified as hazardous through inhalation. However, in case of intoxication symptoms it is recommended to remove the person affected from the area of exposure, provide clean air and keep at rest. Request medical attention if symptoms persist.

By skin contact:

Remove contaminated clothing and footwear, rinse skin or shower the person affected if appropriate with plenty of cold water and neutral soap. In serious cases see a doctor. If the product causes burns or freezing, clothing should not be removed as this could worsen the injury caused if it is stuck to the skin. If blisters form on the skin, these should never be burst as this will increase the risk of infection.

By eye contact:

Rinse eyes thoroughly with water for at least 15 minutes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, in which case removal could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS for the product.

By ingestion/aspiration:

Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. Keep the person affected at rest. Rinse out the mouth and throat, as they may have been affected during ingestion.

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

Acute and delayed effects are indicated in sections 2 and 11.

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

Non-applicable

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media:

Suitable extinguishing media:

Product is non-flammable under normal conditions of storage, handling and use. In the case of combustion as a result of improper handling, storage or use preferably use polyvalent powder extinguishers (ABC powder), in accordance with the Regulation on fire protection systems.

Unsuitable extinguishing media:

Non-applicable

5.2 Special hazards arising from the substance or mixture:

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SECTION 5: FIREFIGHTING MEASURES (continued)

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

5.3 Advice for firefighters:

Depending on the magnitude of the fire it may be necessary to use full protective clothing and self-contained breathing apparatus (SCBA). Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...) in accordance with Directive 89/654/EC.

Additional provisions:

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Eliminate all sources of ignition. In case of fire, cool the storage containers and tanks for products susceptible to combustion, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

For non-emergency personnel:

Isolate leaks provided that there is no additional risk for the people performing this task. Personal protection equipment must be used against potential contact with the spilt product (See section 8). Evacuate the area and keep out those who do not have protection.

For emergency responders:

Wear protective equipment. Keep unprotected persons away. See section 8.

6.2 Environmental precautions:

Avoid at all cost any type of spillage into an aqueous medium. Contain the product absorbed appropriately in hermetically sealed containers. Notify the relevant authority in case of exposure to the general public or the environment.

6.3 Methods and material for containment and cleaning up:

It is recommended:

Absorb the spillage using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. For any concern related to disposal consult section 13.

6.4 Reference to other sections:

See sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling:

A.- General precautions for safe use

Comply with the current legislation concerning the prevention of industrial risks with regards manually handling weights. Maintain order, cleanliness and dispose of using safe methods (section 6).

B.- Technical recommendations for the prevention of fires and explosions

Product is non-flammable under normal conditions of storage, handling and use. It is recommended to transfer at slow speeds to avoid the generation of electrostatic charges that can affect flammable products. Consult section 10 for information on conditions and materials that should be avoided.

C.- Technical recommendations on general occupational hygiene

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

D.- Technical recommendations to prevent environmental risks

Due to the danger of this product for the environment it is recommended to use it within an area containing contamination control barriers in case of spillage, as well as having absorbent material in close proximity.

7.2 Conditions for safe storage, including any incompatibilities:

A.- Technical measures for storage

Store in a cool, dry, well-ventilated location

B.- General conditions for storage

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SECTION 7: HANDLING AND STORAGE (continued)

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5

7.3 Specific end use(s):

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters:

Substances whose occupational exposure limits have to be monitored in the workplace (European OEL, not country-specific legislation):

Directive (EU) 2000/39, Directive 2004/37/EC, Directive (EU) 2006/15, Directive (EU) 2009/161, Directive (EU) 2017/164, Directive (EU) 2019/1831:

| Identification | Occupational exposure limits | | |
|---|------------------------------|--------|----------------------|
| | IOELV (8h) | 10 ppm | 40 mg/m ³ |
| N-methyl-2-pyrrolidone CAS: 872-50-4 EC: 212-828-1 | IOELV (STEL) | 20 ppm | 80 mg/m ³ |

DNEL (Workers):

| Identification | | Short exposure | | Long exposure | |
|--|------------|------------------------|------------------------|-------------------------|--------------------------|
| | | Systemic | Local | Systemic | Local |
| Linseed oil, oxidized CAS: 68649-95-6 EC: 272-038-8 | Oral | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| | Dermal | Non-applicable | Non-applicable | 69,4 mg/kg | Non-applicable |
| | Inhalation | Non-applicable | Non-applicable | 49 mg/m ³ | Non-applicable |
| Zinc oxide CAS: 1314-13-2 EC: 215-222-5 | Oral | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| | Dermal | Non-applicable | Non-applicable | 83 mg/kg | Non-applicable |
| | Inhalation | Non-applicable | Non-applicable | 5 mg/m ³ | 0,5 mg/m ³ |
| Reaction mass of Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate CAS: 1065336-91-5 EC: 915-687-0 | Oral | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| | Dermal | Non-applicable | Non-applicable | 0,5 mg/kg | Non-applicable |
| | Inhalation | Non-applicable | Non-applicable | 0,68 mg/m ³ | Non-applicable |
| N-methyl-2-pyrrolidone CAS: 872-50-4 EC: 212-828-1 | Oral | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| | Dermal | Non-applicable | Non-applicable | 4,8 mg/kg | Non-applicable |
| | Inhalation | Non-applicable | Non-applicable | 14,4 mg/m ³ | 40 mg/m ³ |
| 3-iodo-2-propynyl Butylcarbamate CAS: 55406-53-6 EC: 259-627-5 | Oral | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| | Dermal | Non-applicable | Non-applicable | 2 mg/kg | Non-applicable |
| | Inhalation | 0,07 mg/m ³ | 1,16 mg/m ³ | 0,023 mg/m ³ | 1,16 mg/m ³ |
| Cobalt bis(2-ethylhexanoate) CAS: 136-52-7 EC: 205-250-6 | Oral | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| | Dermal | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| | Inhalation | Non-applicable | Non-applicable | Non-applicable | 0,2351 mg/m ³ |

DNEL (General population):

| Identification | | Short exposure | | Long exposure | |
|--|------------|----------------|----------------|------------------------|----------------|
| | | Systemic | Local | Systemic | Local |
| Linseed oil, oxidized CAS: 68649-95-6 EC: 272-038-8 | Oral | Non-applicable | Non-applicable | 8,33 mg/kg | Non-applicable |
| | Dermal | Non-applicable | Non-applicable | 41,7 mg/kg | Non-applicable |
| | Inhalation | Non-applicable | Non-applicable | 14,5 mg/m ³ | Non-applicable |
| Zinc oxide CAS: 1314-13-2 EC: 215-222-5 | Oral | Non-applicable | Non-applicable | 0,83 mg/kg | Non-applicable |
| | Dermal | Non-applicable | Non-applicable | 83 mg/kg | Non-applicable |
| | Inhalation | Non-applicable | Non-applicable | 2,5 mg/m ³ | Non-applicable |
| Reaction mass of Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate CAS: 1065336-91-5 EC: 915-687-0 | Oral | Non-applicable | Non-applicable | 0,05 mg/kg | Non-applicable |
| | Dermal | Non-applicable | Non-applicable | 0,25 mg/kg | Non-applicable |
| | Inhalation | Non-applicable | Non-applicable | 0,17 mg/m ³ | Non-applicable |

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**Uula Linseed Oil Paint
White****SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)**

| Identification | | Short exposure | | Long exposure | |
|--|------------|----------------|----------------|-----------------------|-------------------------|
| | | Systemic | Local | Systemic | Local |
| N-methyl-2-pyrrolidone CAS: 872-50-4 EC: 212-828-1 | Oral | Non-applicable | Non-applicable | 0,85 mg/kg | Non-applicable |
| | Dermal | Non-applicable | Non-applicable | 2,4 mg/kg | Non-applicable |
| | Inhalation | Non-applicable | Non-applicable | 3,6 mg/m ³ | 4,5 mg/m ³ |
| Cobalt bis(2-ethylhexanoate) CAS: 136-52-7 EC: 205-250-6 | Oral | Non-applicable | Non-applicable | 0,175 mg/kg | Non-applicable |
| | Dermal | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| | Inhalation | Non-applicable | Non-applicable | Non-applicable | 0,037 mg/m ³ |

PNEC:

| Identification | | | | |
|--|--------------|----------------|-------------------------|----------------|
| Linseed oil, oxidized CAS: 68649-95-6 EC: 272-038-8 | STP | 1,55 mg/L | Fresh water | 0,01 mg/L |
| | Soil | 21,7 mg/kg | Marine water | 0,001 mg/L |
| | Intermittent | 0,1 mg/L | Sediment (Fresh water) | Non-applicable |
| | Oral | 0,0667 g/kg | Sediment (Marine water) | Non-applicable |
| Zinc oxide CAS: 1314-13-2 EC: 215-222-5 | STP | 0,1 mg/L | Fresh water | 0,0206 mg/L |
| | Soil | 35,6 mg/kg | Marine water | 0,0061 mg/L |
| | Intermittent | Non-applicable | Sediment (Fresh water) | 117,8 mg/kg |
| | Oral | Non-applicable | Sediment (Marine water) | 56,5 mg/kg |
| Reaction mass of Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate CAS: 1065336-91-5 EC: 915-687-0 | STP | 1 mg/L | Fresh water | 0,002 mg/L |
| | Soil | 0,21 mg/kg | Marine water | 0 mg/L |
| | Intermittent | 0,009 mg/L | Sediment (Fresh water) | 1,05 mg/kg |
| | Oral | Non-applicable | Sediment (Marine water) | 0,11 mg/kg |
| Quaternary ammonium compounds, benzyl-C16-18-alkyldimethyl, chlorides CAS: 61789-72-8 EC: 939-290-7 | STP | 0,8 mg/L | Fresh water | 0,00042 mg/L |
| | Soil | 1,66 mg/kg | Marine water | 0,000096 mg/L |
| | Intermittent | 0,0005 mg/L | Sediment (Fresh water) | 68 mg/kg |
| | Oral | Non-applicable | Sediment (Marine water) | 15,75 mg/kg |
| 2-octyl-2H-isothiazol-3-one CAS: 26530-20-1 EC: 247-761-7 | STP | Non-applicable | Fresh water | 0,0022 mg/L |
| | Soil | 0,0082 mg/kg | Marine water | 0,00022 mg/L |
| | Intermittent | 0,00122 mg/L | Sediment (Fresh water) | 0,0475 mg/kg |
| | Oral | Non-applicable | Sediment (Marine water) | 0,00475 mg/kg |
| N-methyl-2-pyrrolidone CAS: 872-50-4 EC: 212-828-1 | STP | 10 mg/L | Fresh water | 0,25 mg/L |
| | Soil | 0,07 mg/kg | Marine water | 0,025 mg/L |
| | Intermittent | 5 mg/L | Sediment (Fresh water) | 1,09 mg/kg |
| | Oral | Non-applicable | Sediment (Marine water) | 0,109 mg/kg |
| 3-iodo-2-propynyl Butylcarbamate CAS: 55406-53-6 EC: 259-627-5 | STP | 0,44 mg/L | Fresh water | 0,001 mg/L |
| | Soil | 0,005 mg/kg | Marine water | 0 mg/L |
| | Intermittent | 0,001 mg/L | Sediment (Fresh water) | 0,017 mg/kg |
| | Oral | Non-applicable | Sediment (Marine water) | 0,002 mg/kg |
| Cobalt bis(2-ethylhexanoate) CAS: 136-52-7 EC: 205-250-6 | STP | 0,37 mg/L | Fresh water | 0,00062 mg/L |
| | Soil | 10,9 mg/kg | Marine water | 0,00236 mg/L |
| | Intermittent | Non-applicable | Sediment (Fresh water) | 53,8 mg/kg |
| | Oral | Non-applicable | Sediment (Marine water) | 69,8 mg/kg |

8.2 Exposure controls:

A.- Individual protection measures, such as personal protective equipment

As a preventative measure it is recommended to use basic Personal Protective Equipment, with the corresponding <<CE marking>> in accordance with Regulation (EU) 2016/425. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1. All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.

B.- Respiratory protection

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)



The use of protection equipment will be necessary if a mist forms or if the occupational exposure limits are exceeded.

C.- Specific protection for the hands


| Pictogram | PPE | Labelling | CEN Standard | Remarks |
|--|---------------------------------------|---|--------------|--|
|  Mandatory hand protection | Protective gloves against minor risks |  | | Replace gloves in case of any sign of damage. For prolonged periods of exposure to the product for professional users/industrials, we recommend using CE III gloves in line with standards EN 420:2004+A1:2010 and EN ISO 374-1:2016+A1:2018 |

As the product is a mixture of several substances, the resistance of the glove material can not be calculated in advance with total reliability and has therefore to be checked prior to the application.



D.- Eye and face protection

| Pictogram | PPE | Labelling | CEN Standard | Remarks |
|--|---|---|---------------------------------|---|
|  Mandatory face protection | Panoramic glasses against splash/projections. |  | EN 166:2002 EN ISO 4007:2018 | Clean daily and disinfect periodically according to the manufacturer's instructions. Use if there is a risk of splashing. |

E.- Body protection

| Pictogram | PPE | Labelling | CEN Standard | Remarks |
|-----------|---------------|--|--------------|---|
| | Work clothing |  | | Replace before any evidence of deterioration. For periods of prolonged exposure to the product for professional/industrial users CE III is recommended, in accordance with the regulations in EN ISO 6529:2013, EN ISO 6530:2005, EN ISO 13688:2013, EN 464:1994. |

F.- Additional emergency measures

| Emergency measure | Standards | Emergency measure | Standards |
|---|---|--|--|
|  Emergency shower | ANSI Z358-1 ISO 3864-1:2011, ISO 3864-4:2011 |  Eyewash stations | DIN 12 899 ISO 3864-1:2011, ISO 3864-4:2011 |

Environmental exposure controls:

In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the product and its container. For additional information see subsection 7.1.D

Volatile organic compounds:

With regard to Directive 2010/75/EU, this product has the following characteristics:

| | |
|---------------------------|-------------------------------------|
| V.O.C. (Supply): | 8,7 % weight |
| V.O.C. density at 20 °C: | 125,1 kg/m ³ (125,1 g/L) |
| Average carbon number: | 11,92 |
| Average molecular weight: | 129,66 g/mol |

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

Appearance:

| | |
|--------------------------|------------------|
| Physical state at 20 °C: | Liquid |
| Appearance: | Viscous |
| Colour: | White |
| Odour: | Characteristic |
| Odour threshold: | Non-applicable * |

*Not relevant due to the nature of the product, not providing information property of its hazards.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)

Volatility:

| | |
|--|------------------|
| Boiling point at atmospheric pressure: | Non-applicable * |
| Vapour pressure at 20 °C: | Non-applicable * |
| Vapour pressure at 50 °C: | Non-applicable * |
| Evaporation rate at 20 °C: | Non-applicable * |

Product description:

| | |
|--|--------------------------|
| Density at 20 °C: | 1437,4 kg/m ³ |
| Relative density at 20 °C: | 1,437 |
| Dynamic viscosity at 20 °C: | Non-applicable * |
| Kinematic viscosity at 20 °C: | Non-applicable * |
| Kinematic viscosity at 40 °C: | >20,5 mm ² /s |
| Concentration: | Non-applicable * |
| pH: | Non-applicable * |
| Vapour density at 20 °C: | Non-applicable * |
| Partition coefficient n-octanol/water 20 °C: | Non-applicable * |
| Solubility in water at 20 °C: | Non-applicable * |
| Solubility properties: | Insoluble in water |
| Decomposition temperature: | Non-applicable * |
| Melting point/freezing point: | Non-applicable * |

Flammability:

| | |
|----------------------------|------------------|
| Flash Point: | 67 °C |
| Flammability (solid, gas): | Non-applicable * |
| Autoignition temperature: | 265 °C |
| Lower flammability limit: | Non-applicable * |
| Upper flammability limit: | Non-applicable * |

Particle characteristics:

| | |
|-----------------------------|----------------|
| Median equivalent diameter: | Non-applicable |
|-----------------------------|----------------|

9.2 Other information:

Information with regard to physical hazard classes:

| | |
|--|------------------|
| Explosive properties: | Non-applicable * |
| Oxidising properties: | Non-applicable * |
| Corrosive to metals: | Non-applicable * |
| Heat of combustion: | Non-applicable * |
| Aerosols-total percentage (by mass) of flammable components: | Non-applicable * |

Other safety characteristics:

| | |
|---------------------------|------------------|
| Surface tension at 20 °C: | Non-applicable * |
| Refraction index: | Non-applicable * |

*Not relevant due to the nature of the product, not providing information property of its hazards.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7.

10.2 Chemical stability:

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SECTION 10: STABILITY AND REACTIVITY (continued)

Chemically stable under the indicated conditions of storage, handling and use.

10.3 Possibility of hazardous reactions:

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

10.4 Conditions to avoid:

Applicable for handling and storage at room temperature:

| Shock and friction | Contact with air | Increase in temperature | Sunlight | Humidity |
|--------------------|------------------|-------------------------|----------------|----------------|
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |

10.5 Incompatible materials:

| Acids | Water | Oxidising materials | Combustible materials | Others |
|--------------------|----------------|---------------------|-----------------------|-------------------------------|
| Avoid strong acids | Not applicable | Avoid direct impact | Not applicable | Avoid alkalis or strong bases |

10.6 Hazardous decomposition products:

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO₂), carbon monoxide and other organic compounds.

SECTION 11: TOXICOLOGICAL INFORMATION **

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

The experimental information related to the toxicological properties of the product itself is not available

Dangerous health implications:

In case of exposure that is repetitive, prolonged or at concentrations higher than the recommended occupational exposure limits, adverse effects on health may result, depending on the means of exposure:

A- Ingestion (acute effect):

- Acute toxicity : Based on available data, the classification criteria are not met, however, it contains substances classified as dangerous for consumption. For more information see section 3.
- Corrosivity/Irritability: The consumption of a considerable dose can cause irritation in the throat, abdominal pain, nausea and vomiting.

B- Inhalation (acute effect):

- Acute toxicity : Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for inhalation. For more information see section 3.
- Corrosivity/Irritability: Prolonged inhalation of the product is corrosive to mucous membranes and the upper respiratory tract

C- Contact with the skin and the eyes (acute effect):

- Contact with the skin: Produces skin inflammation.
- Contact with the eyes: Produces eye damage after contact.

D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):

- Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for the effects mentioned. For more information see section 3.
IARC: Talc (3); Polyurethane foams (3); Cobalt bis(2-ethylhexanoate) (2B); Fatty acids, tall-oil, cobalt salts (2B); Lead monoxide (2A)
- Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- Reproductive toxicity: Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

E- Sensitizing effects:

- Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous with sensitising effects. For more information see section 3.
- Skin: Prolonged contact with the skin can result in episodes of allergic contact dermatitis.

F- Specific target organ toxicity (STOT) - single exposure:

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White****SECTION 11: TOXICOLOGICAL INFORMATION ** (continued)**

Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for inhalation. For more information see section 3.

G- Specific target organ toxicity (STOT)-repeated exposure:

- Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met. However, it does contain substances which are classified as dangerous due to repetitive exposure. For more information see section 3.
- Skin: Based on available data, the classification criteria are not met. However, it does contain substances which are classified as dangerous due to repetitive exposure. For more information see section 3.

H- Aspiration hazard:

Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

Other information:

Non-applicable

Specific toxicology information on the substances:

| Identification | Acute toxicity | | Genus |
|--|-----------------|-----------------|--------|
| | LD50 oral | LD50 dermal | |
| Linseed oil, oxidized CAS: 68649-95-6 EC: 272-038-8 | >2000 mg/kg | >2000 mg/kg | |
| | >2000 mg/kg | >2000 mg/kg | |
| | >20 mg/L | >20 mg/L | |
| Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics CAS: Non-applicable EC: 918-481-9 | >2000 mg/kg | >2000 mg/kg | |
| | >2000 mg/kg | >2000 mg/kg | |
| | >20 mg/L | >20 mg/L | |
| 2-octyl-2H-isothiazol-3-one CAS: 26530-20-1 EC: 247-761-7 | 125 mg/kg | 311 mg/kg | Rat |
| | 311 mg/kg | 311 mg/kg | |
| | 3 mg/L (ATEi) | 3 mg/L (ATEi) | |
| Zinc oxide CAS: 1314-13-2 EC: 215-222-5 | 7950 mg/kg | >2000 mg/kg | Mouse |
| | >2000 mg/kg | >2000 mg/kg | |
| | >5 mg/L | >5 mg/L | |
| 4,5-dichloro-2-octyl-2H-isothiazol-3-one CAS: 64359-81-5 EC: 264-843-8 | 567 mg/kg | >2000 mg/kg | |
| | >2000 mg/kg | >2000 mg/kg | |
| | 0,5 mg/L (ATEi) | 0,5 mg/L (ATEi) | |
| Reaction mass of Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate CAS: 1065336-91-5 EC: 915-687-0 | 3230 mg/kg | >2000 mg/kg | Rat |
| | >2000 mg/kg | >2000 mg/kg | |
| | >20 mg/L | >20 mg/L | |
| Quaternary ammonium compounds, benzyl-C16-18-alkyldimethyl, chlorides CAS: 61789-72-8 EC: 939-290-7 | 344 mg/kg | 2730 mg/kg | Rat |
| | 2730 mg/kg | 2730 mg/kg | Rabbit |
| | >5 mg/L | >5 mg/L | |
| N-methyl-2-pyrrolidone CAS: 872-50-4 EC: 212-828-1 | >5000 mg/kg | >5000 mg/kg | Rat |
| | >5000 mg/kg | >5000 mg/kg | Rat |
| | >20 mg/L | >20 mg/L | |
| 3-iodo-2-propynyl Butylcarbamate CAS: 55406-53-6 EC: 259-627-5 | 1100 mg/kg | 2100 mg/kg | Rat |
| | 2100 mg/kg | 2100 mg/kg | Rabbit |
| | >5 mg/L | >5 mg/L | |
| Cobalt bis(2-ethylhexanoate) CAS: 136-52-7 EC: 205-250-6 | >2000 mg/kg | >2000 mg/kg | |
| | >2000 mg/kg | >2000 mg/kg | |
| | >5 mg/L | >5 mg/L | |

Acute Toxicity Estimate (ATE mix):

| ATE mix | | Ingredient(s) of unknown toxicity |
|---------|--------------------------------------|-----------------------------------|
| Oral | >2000 mg/kg (Calculation method) | Non-applicable |
| Dermal | 277430,87 mg/kg (Calculation method) | 0 % |

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**Uula Linseed Oil Paint
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| | | |
|------------|--|-----|
| Inhalation | 264,38 mg/L (4 h) (Calculation method) | 0 % |
|------------|--|-----|

11.2 Information on other hazards:**Endocrine disrupting properties**

Endocrine-disrupting properties: The product fails to meet the criteria.

Other information

Non-applicable

** Changes with regards to the previous version

SECTION 12: ECOLOGICAL INFORMATION **

The experimental information related to the eco-toxicological properties of the product itself is not available

12.1 Toxicity:**Acute toxicity:**

| Identification | Concentration | Species | Genus | |
|--|---------------|----------------------|---------------------------------|------------|
| Zinc oxide CAS: 1314-13-2 EC: 215-222-5 | LC50 | 0,82 mg/L (96 h) | Oncorhynchus kisutch | Fish |
| | EC50 | 3,4 mg/L (48 h) | Daphnia magna | Crustacean |
| | EC50 | Non-applicable | | |
| Reaction mass of Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate CAS: 1065336-91-5 EC: 915-687-0 | LC50 | 0,9 mg/L (96 h) | Danio rerio | Fish |
| | EC50 | Non-applicable | | |
| | EC50 | 1,7 mg/L (72 h) | Desmodesmus subspicatus | Algae |
| Quaternary ammonium compounds, benzyl-C16-18-alkyldimethyl, chlorides CAS: 61789-72-8 EC: 939-290-7 | LC50 | 0,1 mg/L (96 h) | Danio rerio | Fish |
| | EC50 | 0,059 mg/L (48 h) | Daphnia magna | Crustacean |
| | EC50 | 0,102 mg/L (72 h) | Pseudokirchneriella subcapitata | Algae |
| 4,5-dichloro-2-octyl-2H-isothiazol-3-one CAS: 64359-81-5 EC: 264-843-8 | LC50 | >0.1 - 1 mg/L (96 h) | | Fish |
| | EC50 | >0.1 - 1 mg/L (48 h) | | Crustacean |
| | EC50 | >0.1 - 1 mg/L (72 h) | | Algae |
| 2-octyl-2H-isothiazol-3-one CAS: 26530-20-1 EC: 247-761-7 | LC50 | 2,6 mg/L (96 h) | N/A | Fish |
| | EC50 | 0,5 mg/L (48 h) | N/A | Crustacean |
| | EC50 | 0,2 mg/L (96 h) | N/A | Algae |
| N-methyl-2-pyrrolidone CAS: 872-50-4 EC: 212-828-1 | LC50 | 832 mg/L (96 h) | Lepomis macrochirus | Fish |
| | EC50 | 4897 mg/L (48 h) | Daphnia magna | Crustacean |
| | EC50 | 500 mg/L (72 h) | Scenedesmus subspicatus | Algae |
| 3-iodo-2-propynyl Butylcarbamate CAS: 55406-53-6 EC: 259-627-5 | LC50 | 0,07 mg/L (96 h) | Oncorhynchus mykiss | Fish |
| | EC50 | 0,09 mg/L (96 h) | Mysidopsis bahia | Crustacean |
| | EC50 | 0,05 mg/L (72 h) | Scenedesmus subspicatus | Algae |
| Cobalt bis(2-ethylhexanoate) CAS: 136-52-7 EC: 205-250-6 | LC50 | >0.1 - 1 mg/L (96 h) | | Fish |
| | EC50 | >0.1 - 1 mg/L (48 h) | | Crustacean |
| | EC50 | >0.1 - 1 mg/L (72 h) | | Algae |

Chronic toxicity:

| Identification | Concentration | Species | Genus | |
|---|---------------|----------------|---------------------|------------|
| Zinc oxide CAS: 1314-13-2 EC: 215-222-5 | NOEC | 0,44 mg/L | Oncorhynchus mykiss | Fish |
| | NOEC | 0,031 mg/L | Daphnia magna | Crustacean |
| Reaction mass of Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate CAS: 1065336-91-5 EC: 915-687-0 | NOEC | Non-applicable | | |
| | NOEC | 1 mg/L | Daphnia magna | Crustacean |
| N-methyl-2-pyrrolidone CAS: 872-50-4 EC: 212-828-1 | NOEC | Non-applicable | | |
| | NOEC | 12,5 mg/L | Daphnia magna | Crustacean |
| 3-iodo-2-propynyl Butylcarbamate CAS: 55406-53-6 EC: 259-627-5 | NOEC | 0,0084 mg/L | Pimephales promelas | Fish |
| | NOEC | 0,0499 mg/L | Daphnia magna | Crustacean |

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| Identification | Concentration | | Species | Genus |
|---|---------------|-------------|---------------------|------------|
| | NOEC | | | |
| Cobalt bis(2-ethylhexanoate) CAS: 136-52-7 EC: 205-250-6 | NOEC | 0,21 mg/L | Pimephales promelas | Fish |
| | NOEC | 0,1697 mg/L | Aeolosoma sp. | Crustacean |

12.2 Persistence and degradability:**Substance-specific information:**

| Identification | Degradability | | Biodegradability | |
|--|---------------|--------------------------|------------------|----------------|
| | | | | |
| Reaction mass of Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate CAS: 1065336-91-5 EC: 915-687-0 | BOD5 | Non-applicable | Concentration | 20 mg/L |
| | COD | Non-applicable | Period | 28 days |
| | BOD5/COD | Non-applicable | % Biodegradable | 38 % |
| Quaternary ammonium compounds, benzyl-C16-18-alkyldimethyl, chlorides CAS: 61789-72-8 EC: 939-290-7 | BOD5 | Non-applicable | Concentration | Non-applicable |
| | COD | Non-applicable | Period | 28 days |
| | BOD5/COD | Non-applicable | % Biodegradable | 65 % |
| N-methyl-2-pyrrolidone CAS: 872-50-4 EC: 212-828-1 | BOD5 | 1,09 g O ₂ /g | Concentration | 100 mg/L |
| | COD | 1,6 g O ₂ /g | Period | 28 days |
| | BOD5/COD | 0,68 | % Biodegradable | 73 % |

12.3 Bioaccumulative potential:**Substance-specific information:**

| Identification | Bioaccumulation potential | |
|---|---------------------------|----------|
| | | |
| Quaternary ammonium compounds, benzyl-C16-18-alkyldimethyl, chlorides CAS: 61789-72-8 EC: 939-290-7 | BCF | 79 |
| | Pow Log | |
| | Potential | Moderate |
| N-methyl-2-pyrrolidone CAS: 872-50-4 EC: 212-828-1 | BCF | 0.23 |
| | Pow Log | -0.46 |
| | Potential | Low |
| 3-iodo-2-propynyl Butylcarbamate CAS: 55406-53-6 EC: 259-627-5 | BCF | 36 |
| | Pow Log | 2.4 |
| | Potential | Moderate |

12.4 Mobility in soil:

| Identification | Absorption/desorption | | Volatility | |
|--|-----------------------|----------------------|------------|-----------------------------|
| | | | | |
| Reaction mass of Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate CAS: 1065336-91-5 EC: 915-687-0 | Koc | 204400 | Henry | 0E+0 Pa·m ³ /mol |
| | Conclusion | Immobile | Dry soil | No |
| | Surface tension | Non-applicable | Moist soil | No |
| Quaternary ammonium compounds, benzyl-C16-18-alkyldimethyl, chlorides CAS: 61789-72-8 EC: 939-290-7 | Koc | 1640329 | Henry | Non-applicable |
| | Conclusion | Immobile | Dry soil | Non-applicable |
| | Surface tension | Non-applicable | Moist soil | Non-applicable |
| N-methyl-2-pyrrolidone CAS: 872-50-4 EC: 212-828-1 | Koc | Non-applicable | Henry | Non-applicable |
| | Conclusion | Non-applicable | Dry soil | Non-applicable |
| | Surface tension | 4,007E-2 N/m (25 °C) | Moist soil | Non-applicable |

12.5 Results of PBT and vPvB assessment:

Product fails to meet PBT/vPvB criteria

12.6 Endocrine disrupting properties:

Endocrine-disrupting properties: The product fails to meet the criteria.

12.7 Other adverse effects:

Not described

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SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:

| Code | Description | Waste class (Regulation (EU) No 1357/2014) |
|-----------|---|--|
| 08 01 11* | waste paint and varnish containing organic solvents or other hazardous substances | Dangerous |

Type of waste (Regulation (EU) No 1357/2014):

HP14 Ecotoxic

Waste management (disposal and evaluation):

Consult the authorized waste service manager on the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC). As under 15 01 (2014/955/EC) of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-dangerous residue. Waste should not be disposed of to drains. See paragraph 6.2.

Regulations related to waste management:

In accordance with Annex II of Regulation (EC) No 1907/2006 (REACH) the community or state provisions related to waste management are stated

Community legislation: Directive 2008/98/EC, 2014/955/EU, Regulation (EU) No 1357/2014

SECTION 14: TRANSPORT INFORMATION **

Transport of dangerous goods by land:

With regard to ADR 2021 and RID 2021:



- 14.1 UN number or ID number:** UN3082
- 14.2 UN proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Zinc oxide)
- 14.3 Transport hazard class(es):** 9
Labels: 9
- 14.4 Packing group:** III
- 14.5 Environmental hazards:** Yes
- 14.6 Special precautions for user**
Special regulations: 274, 335, 375, 601
Tunnel restriction code: -
Physico-Chemical properties: see section 9
Limited quantities: 5 L
- 14.7 Maritime transport in bulk according to IMO instruments:** Non-applicable

Transport of dangerous goods by sea:

With regard to IMDG 40-20:

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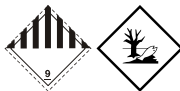
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White****SECTION 14: TRANSPORT INFORMATION ** (continued)**

- 14.1 UN number or ID number:** UN3082
14.2 UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Zinc oxide)
14.3 Transport hazard class(es): 9
Labels: 9
14.4 Packing group: III
14.5 Marine pollutant: Yes
14.6 Special precautions for user
Special regulations: 335, 969, 274
EmS Codes: F-A, S-F
Physico-Chemical properties: see section 9
Limited quantities: 5 L
Segregation group: Non-applicable
14.7 Maritime transport in bulk according to IMO instruments: Non-applicable

Transport of dangerous goods by air:

With regard to IATA/ICAO 2023:



- 14.1 UN number or ID number:** UN3082
14.2 UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Zinc oxide)
14.3 Transport hazard class(es): 9
Labels: 9
14.4 Packing group: III
14.5 Environmental hazards: Yes
14.6 Special precautions for user
Physico-Chemical properties: see section 9
14.7 Maritime transport in bulk according to IMO instruments: Non-applicable

** Changes with regards to the previous version

SECTION 15: REGULATORY INFORMATION**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:**

Regulation (EC) No 528/2012: contains a preservative to protect the initial properties of the treated article. Contains 4,5-dichloro-2-octyl-2H-isothiazol-3-one, 3-iodo-2-propynyl Butylcarbamate, 2-octyl-2H-isothiazol-3-one.

Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH): N-methyl-2-pyrrolidone

Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Non-applicable

Regulation (EC) No 1005/2009, about substances that deplete the ozone layer: Non-applicable

Article 95, REGULATION (EU) No 528/2012: 4,5-dichloro-2-octyl-2H-isothiazol-3-one (Product-type 7, 8, 9, 10, 11, 21) ; 2-octyl-2H-isothiazol-3-one (Product-type 6, 7, 8, 9, 10, 11, 13) ; 3-iodo-2-propynyl Butylcarbamate (Product-type 6, 7, 8, 9, 10, 13)

REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Non-applicable

Seveso III:

| Section | Description | Lower-tier requirements | Upper-tier requirements |
|---------|-----------------------|-------------------------|-------------------------|
| E2 | ENVIRONMENTAL HAZARDS | 200 | 500 |

Limitations to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII REACH, etc):

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SECTION 15: REGULATORY INFORMATION (continued)

Shall not be used in:

- ornamental articles intended to produce light or colour effects by means of different phases, for example in ornamental lamps and ashtrays,
- tricks and jokes,
- games for one or more participants, or any article intended to be used as such, even with ornamental aspects.

Contains N-methyl-2-pyrrolidone. 1. | Shall not be placed on the market as a substance on its own or in mixtures in a concentration equal to or greater than 0,3 % after 9 May 2020 unless manufacturers, importers and downstream users have included in the relevant chemical safety reports and safety data sheets, Derived No-Effect Levels (DNELs) relating to exposure of workers of 14,4 mg/m³ for exposure by inhalation and 4,8 mg/kg/day for dermal exposure. | 2. | Shall not be manufactured, or used, as a substance on its own or in mixtures in a concentration equal to or greater than 0,3 % after 9 May 2020 unless manufacturers and downstream users take the appropriate risk management measures and provide the appropriate operational conditions to ensure that exposure of workers is below the DNELs specified in paragraph 1. | 3. | By way of derogation from paragraphs 1 and 2, the obligations laid down therein shall apply from 9 May 2024 in relation to placing on the market for use, or use, as a solvent or reactant in the process of coating wires.

Occupational exposure to respirable crystalline silica must be controlled pursuant to Directive (EU) 2019/130.

Contains Lead monoxide. 1. Shall not be placed on the market or used in any individual part of jewellery articles if the concentration of lead ; (b) internal components of watch timepieces inaccessible to consumers; (c) non-synthetic or reconstructed precious and semiprecious stones (CN code 7103 , as established by Regulation (EEC) No 2658/87), unless they have been treated with lead or its compounds or mixtures containing these substances; (d) enamels, defined as vitrifiable mixtures resulting from the fusion, vitrification or sintering of minerals melted at a temperature of at least 500 °C. 5. By way of derogation, paragraph 1 shall not apply to jewellery articles placed on the market for the first time before 9 October 2013 and jewellery articles produced before 10 December 1961. 6. By 9 October 2017, the Commission shall re-evaluate paragraphs 1 to 5 of this entry in the light of new scientific information, including the availability of alternatives and the migration of lead from the articles referred to in paragraph 1 and, if appropriate, modify this entry accordingly. 7. Shall not be placed on the market or used in articles supplied to the general public, if the concentration of lead (expressed as metal) in those articles or accessible parts thereof is equal to or greater than 0,05 % by weight, and those articles or accessible parts thereof may, during normal or reasonably foreseeable conditions of use, be placed in the mouth by children. That limit shall not apply where it can be demonstrated that the rate of lead release from such an article or any such accessible part of an article, whether coated or uncoated, does not exceed 0,05 µg/cm² per hour (equivalent to 0,05 µg/g/h), and, for coated articles, that the coating is sufficient to ensure that this release rate is not exceeded for a period of at least two years of normal or reasonably foreseeable conditions of use of the article. For the purposes of this paragraph, it is considered that an article or accessible part of an article may be placed in the mouth by children if it is smaller than 5 cm in one dimension or has a detachable or protruding part of that size. 8. By way of derogation, paragraph 7 shall not apply to: (a) jewellery articles covered by paragraph 1; (b) crystal glass as defined in Annex I (categories 1, 2, 3 and 4) to Directive 69/493/EEC; (c) non-synthetic or reconstructed precious and semi-precious stones (CN code 7103 as established by Regulation (EEC) No 2658/87) unless they have been treated with lead or its compounds or mixtures containing these substances; (d) enamels, defined as vitrifiable mixtures resulting from the fusion, vitrification or sintering of mineral melted at a temperature of at least 500 °C; (e) keys and locks, including padlocks; (f) musical instruments; (g) articles and parts of articles comprising brass alloys, if the concentration of lead (expressed as metal) in the brass alloy does not exceed 0,5 % by weight; (h) the tips of writing instruments; (i) religious articles; (j) portable zinc-carbon batteries and button cell batteries; (k) articles within the scope of: (i) Directive 94/62/EC; (ii) Regulation (EC) No 1935/2004; (iii) Directive 2009/48/EC of the European Parliament and of the Council (*15); (iv) Directive 2011/65/EU of the European Parliament and of the Council (*16) 9. By 1 July 2019, the Commission shall re-evaluate paragraphs 7 and 8(e), (f), (i) and (j) of this entry in the light of new scientific information, including the availability of alternatives and the migration of lead from the articles referred to in paragraph 7, including the requirement on coating integrity, and, if appropriate, modify this entry accordingly. 10. By way of derogation paragraph 7 shall not apply to articles placed on the market for the first time before 1 June 2016.

Specific provisions in terms of protecting people or the environment:

It is recommended to use the information included in this safety data sheet as a basis for conducting workplace-specific risk assessments in order to establish the necessary risk prevention measures for the handling, use, storage and disposal of this product.

Other legislation:

The product could be affected by sectorial legislation

15.2 Chemical safety assessment:

The supplier has not carried out evaluation of chemical safety.

SECTION 16: OTHER INFORMATION **

Legislation related to safety data sheets:

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Uula Linseed Oil Paint White

SECTION 16: OTHER INFORMATION ** (continued)

The SDS shall be supplied in an official language of the country where the product is placed on the market. This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) No 1907/2006 (COMMISSION REGULATION (EU) 2020/878).

Modifications related to the previous Safety Data Sheet which concerns the ways of managing risks.:

COMMISSION REGULATION (EU) 2020/878

COMPOSITION/INFORMATION ON INGREDIENTS (SECTION 3, SECTION 11, SECTION 12):

· New declared substances

Zinc oxide (1314-13-2)

Linseed oil, oxidized (68649-95-6)

Reaction mass of Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate (1065336-91-5)

Quaternary ammonium compounds, benzyl-C16-18-alkyldimethyl, chlorides (61789-72-8)

· Removed substances

Barium Sulfate (7727-43-7)

2-ethylhexanoic acid, cobalt salt (13586-82-8)

Quaternary ammonium compounds, benzyl-C14-18-alkyldimethyl, chlorides (68390-98-7)

Reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate

Substances that contribute to the classification (SECTION 2):

· New declared substances

Reaction mass of Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate

(1065336-91-5)

· Removed substances

Reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate

CLP Regulation (EC) No 1272/2008 (SECTION 2, SECTION 16):

· Pictograms

· Hazard statements

· Precautionary statements

· Supplementary information

· Substances contained in EUH208:

· Removed substances

2-ethylhexanoic acid, cobalt salt (13586-82-8)

TRANSPORT INFORMATION (SECTION 14):

· UN number

· Packing group

Texts of the legislative phrases mentioned in section 2:

H317: May cause an allergic skin reaction.

H411: Toxic to aquatic life with long lasting effects.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

Texts of the legislative phrases mentioned in section 3:

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

CLP Regulation (EC) No 1272/2008:

** Changes with regards to the previous version

- CONTINUED ON NEXT PAGE -



Safety data sheet

This SDS is an English translation of COMMISSION REGULATION (EU) 2020/878, without any country-specific legislation



Uula Linseed Oil Paint White

SECTION 16: OTHER INFORMATION ** (continued)

Acute Tox. 2: H330 - Fatal if inhaled.
Acute Tox. 3: H311+H331 - Toxic in contact with skin or if inhaled.
Acute Tox. 3: H331 - Toxic if inhaled.
Acute Tox. 4: H302 - Harmful if swallowed.
Acute Tox. 4: H302+H312 - Harmful if swallowed or in contact with skin.
Aquatic Acute 1: H400 - Very toxic to aquatic life.
Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.
Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.
Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways.
Eye Dam. 1: H318 - Causes serious eye damage.
Eye Irrit. 2: H319 - Causes serious eye irritation.
Repr. 1B: H360 - May damage fertility or the unborn child.
Repr. 1B: H360D - May damage the unborn child.
Repr. 2: H361f - Suspected of damaging fertility.
Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.
Skin Irrit. 2: H315 - Causes skin irritation.
Skin Sens. 1: H317 - May cause an allergic skin reaction.
Skin Sens. 1A: H317 - May cause an allergic skin reaction.
STOT RE 1: H372 - Causes damage to organs through prolonged or repeated exposure.
STOT SE 3: H335 - May cause respiratory irritation.

Classification procedure:

Skin Sens. 1A: Calculation method
Aquatic Chronic 2: Calculation method
Skin Irrit. 2: Calculation method
Eye Irrit. 2: Calculation method

Advice related to training:

Training is recommended in order to prevent industrial risks for staff using this product and to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

Principal bibliographical sources:

<http://echa.europa.eu>
<http://eur-lex.europa.eu>

Abbreviations and acronyms:

ADR: European agreement concerning the international carriage of dangerous goods by road
IMDG: International maritime dangerous goods code
IATA: International Air Transport Association
ICAO: International Civil Aviation Organisation
COD: Chemical Oxygen Demand
BOD5: 5day biochemical oxygen demand
BCF: Bioconcentration factor
LD50: Lethal Dose 50
LC50: Lethal Concentration 50
EC50: Effective concentration 50
LogPOW: Octanolwater partition coefficient
Koc: Partition coefficient of organic carbon
UFI: unique formula identifier
IARC: International Agency for Research on Cancer

** Changes with regards to the previous version

The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at European and state level, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.

- END OF SAFETY DATA SHEET -