# Dammar Picture Varnish

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878
Issue date: 24-10-21 Revision date: 20-09-21 Supersedes version of: 28-06-18 Version: 5.0

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

### 1.1. Product identifier

Product form : Mixture
Product name : Dammar Picture Varnish
Product code : 1110

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

#### 1.2.1. Relevant identified uses

Main use category : Professional use
Use of the substance/mixture : Varnish

#### 1.2.2. Uses advised against

No additional information available

### 1.3. Details of the supplier of the safety data sheet

Old Holland Classic Colours Since 1664
Nijendal 36
3972 KC Driebergen Rijsenburg
Nederland
T 0031 343 518 224 - F 0031 343 516 342
info@oldholland.com - www.oldholland.com

### 1.4. Emergency telephone number

| Country | Official advisory body | Address | Emergency number | Comment |
|---|---|---|---|---|
| Netherlands | Nationaal Vergiftigingen Informatie Centrum | Huispostnummer B.00.118<br>Postbus 85500<br>3508 GA Utrecht | +31 88 755 80 00 | Only for the purpose of informing medical personnel in cases of acute intoxications |

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

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

| | |
|---|---|
| Flammable liquids, Category 2 | H225 |
| Acute toxicity (oral), Category 4 | H302 |
| Acute toxicity (dermal), Category 4 | H312 |
| Acute toxicity (inhalation:dust,mist) Category 4 | H332 |
| Skin corrosion/irritation, Category 2 | H315 |
| Serious eye damage/eye irritation, Category 2 | H319 |
| Skin sensitisation, Category 1 | H317 |
| Aspiration hazard, Category 1 | H304 |
| Hazardous to the aquatic environment — Chronic Hazard, Category 1 | H410 |

Full text of H- and EUH-statements: see section 16

**Adverse physicochemical, human health and environmental effects**

Highly flammable liquid and vapour. Harmful in contact with skin. Harmful if inhaled. Harmful if swallowed. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Very toxic to aquatic life with long lasting effects. May be fatal if swallowed and enters airways.

## 2.2. Label elements

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

Hazard pictograms (CLP) :

GHS02 GHS07 GHS08 GHS09

Signal word (CLP) : Danger

Contains : methanol, turpentine, oil

Hazard statements (CLP) : H225 - Highly flammable liquid and vapour.
H302+H312+H332 - Harmful if swallowed, in contact with skin or if inhaled.
H304 - May be fatal if swallowed and enters airways.
H315 - Causes skin irritation.
H317 - May cause an allergic skin reaction.
H319 - Causes serious eye irritation.
H410 - Very toxic to aquatic life with long lasting effects.

Precautionary statements (CLP) : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P273 - Avoid release to the environment.
P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P301+P310+P331 - IF SWALLOWED: Immediately call a doctor, a POISON CENTER. Do NOT induce vomiting.
P321 - Specific treatment (see supplemental first aid instruction on this label).
P391 - Collect spillage.

## 2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605

# SECTION 3: Composition/information on ingredients

## 3.1. Substances

Not applicable

## 3.2. Mixtures

| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|---|---|---|---|
| turpentine, oil | CAS-No.: 8006-64-2<br>EC-No.: 232-350-7<br>EC Index-No.: 650-002-00-6<br>REACH-no: 01-2119502456-45 | 50 – 70 | Flam. Liq. 3, H226<br>Acute Tox. 4 (Oral), H302<br>Acute Tox. 4 (Dermal), H312<br>Acute Tox. 4 (Inhalation), H332<br>Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Skin Sens. 1, H317<br>Asp. Tox. 1, H304<br>Aquatic Chronic 1, H410 |

| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|---|---|---|---|
| ethanol; ethyl alcohol<br>substance with national workplace exposure limit(s) (NL) | CAS-No.: 64-17-5<br>EC-No.: 200-578-6<br>EC Index-No.: 603-002-00-5<br>REACH-no: 01-2119457610-43 | 5 - 15 | Flam. Liq. 2, H225 |
| acetone; propan-2-one; propanone<br>substance with national workplace exposure limit(s) (NL); substance with a Community workplace exposure limit | CAS-No.: 67-64-1<br>EC-No.: 200-662-2<br>EC Index-No.: 606-001-00-8<br>REACH-no: 01-2119471330-49 | 0,1 – 2 | Flam. Liq. 2, H225<br>Eye Irrit. 2, H319<br>STOT SE 3, H336 |
| methanol<br>substance with national workplace exposure limit(s) (NL); substance with a Community workplace exposure limit | CAS-No.: 67-56-1<br>EC-No.: 200-659-6<br>EC Index-No.: 603-001-00-X<br>REACH-no: 01-2119433307-44 | 0,1 – 2 | Flam. Liq. 2, H225<br>Acute Tox. 3 (Oral), H301<br>Acute Tox. 3 (Dermal), H311<br>Acute Tox. 3 (Inhalation), H331<br>STOT SE 1, H370 |

| Specific concentration limits: | | |
|---|---|---|
| **Name** | **Product identifier** | **Specific concentration limits** |
| methanol | CAS-No.: 67-56-1<br>EC-No.: 200-659-6<br>EC Index-No.: 603-001-00-X<br>REACH-no: 01-2119433307-44 | ( 3 ≤C < 10) STOT SE 2, H371<br>( 10 ≤C < 100) STOT SE 1, H370 |

Full text of H- and EUH-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. Do NOT induce vomiting. If medical advice is needed, have product container or label at hand. Immediately call a POISON CENTER or doctor.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Give oxygen or artificial respiration if necessary. Call a POISON CENTER/doctor if you feel unwell.

First-aid measures after skin contact : Take off immediately all contaminated clothing. Gently wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion : Rinse mouth with water. Do NOT induce vomiting. Immediately call a POISON CENTER/doctor.

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

Symptoms/effects after skin contact : Irritation. May cause an allergic skin reaction. Repeated exposure may cause skin dryness or cracking.

Symptoms/effects after eye contact : Eye irritation.

Symptoms/effects after ingestion : Risk of lung oedema.

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

Treat symptomatically.

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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Foam. Dry powder. Sand. Water spray. Carbon dioxide.

Unsuitable extinguishing media : Do not use a heavy water stream.

### 5.2. Special hazards arising from the substance or mixture

Fire hazard : Highly flammable liquid and vapour.

Explosion hazard : May form flammable/explosive vapour-air mixture.

Hazardous decomposition products in case of fire : Toxic fumes may be released.

### 5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid contact with skin, eyes and clothing. Avoid breathing vapours, mist, spray.

#### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

### 6.2. Environmental precautions

Avoid release to the environment.

### 6.3. Methods and material for containment and cleaning up

For containment : Collect spillage.

Methods for cleaning up : Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.

Other information : Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

For further information refer to section 8 :" Exposure-controls/personal protection". Concerning disposal elimination after cleaning, see section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapours may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Do not get in eyes, on skin, or on clothing. Use only outdoors or in a well-ventilated area. Avoid breathing vapours, mist, spray.

Hygiene measures : Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

### 7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Explosion-free electrical equipment and lighting with earth. Ground/bond container and receiving equipment.

Storage conditions : Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.

| | | |
|---|---|---|
| Incompatible products | : | Strong alkalis. Strong acids. |
| Incompatible materials | : | Keep away from ignition sources (including static discharges). |
| Heat and ignition sources | : | Keep away from heat and direct sunlight. ignition sources. |

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1 National occupational exposure and biological limit values

| **ethanol; ethyl alcohol (64-17-5)** | |
|---|---|
| **Netherlands - Occupational Exposure Limits** | |
| Local name | Ethanol |
| TGG-8u (OEL TWA) | 260 mg/m³ |
| TGG-15min (OEL STEL) | 1900 mg/m³ |
| Remark | Kankerverwekkende stof. H (Huidopname) Stoffen die relatief gemakkelijk door de huid kunnen worden opgenomen, hetgeen een substantiële bijdrage kan betekenen aan de totale inwendige blootstelling, hebben in de lijst een H-aanduiding. Bij deze stoffen moeten naast maatregelen tegen inademing ook adequate maatregelen ter voorkoming van huidcontact worden genomen. |
| Regulatory reference | Arbeidsomstandighedenregeling 2021 |

| **acetone; propan-2-one; propanone (67-64-1)** | |
|---|---|
| **EU - Indicative Occupational Exposure Limit (IOEL)** | |
| Local name | Acetone |
| IOEL TWA | 1210 mg/m³ |
| IOEL TWA [ppm] | 500 ppm |
| Regulatory reference | COMMISSION DIRECTIVE 2000/39/EC |
| **Netherlands - Occupational Exposure Limits** | |
| Local name | Aceton |
| TGG-8u (OEL TWA) | 1210 mg/m³ |
| TGG-15min (OEL STEL) | 2420 mg/m³ |
| Regulatory reference | Arbeidsomstandighedenregeling 2021 |

| **methanol (67-56-1)** | |
|---|---|
| **EU - Indicative Occupational Exposure Limit (IOEL)** | |
| Local name | Methanol |
| IOEL TWA | 260 mg/m³ |
| IOEL TWA [ppm] | 200 ppm |
| Remark | Skin |
| Regulatory reference | COMMISSION DIRECTIVE 2006/15/EC |
| **Netherlands - Occupational Exposure Limits** | |
| Local name | Methanol |
| TGG-8u (OEL TWA) | 133 mg/m³ |

| methanol (67-56-1) | |
|---|---|
| Remark | H (Huidopname) Stoffen die relatief gemakkelijk door de huid kunnen worden opgenomen, hetgeen een substantiële bijdrage kan betekenen aan de totale inwendige blootstelling, hebben in de lijst een H-aanduiding. Bij deze stoffen moeten naast maatregelen tegen inademing ook adequate maatregelen ter voorkoming van huidcontact worden genomen. |
| Regulatory reference | Arbeidsomstandighedenregeling 2021 |

#### 8.1.2. Recommended monitoring procedures

No additional information available

#### 8.1.3. Air contaminants formed

No additional information available

#### 8.1.4. DNEL and PNEC

No additional information available

#### 8.1.5. Control banding

No additional information available

### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

**Appropriate engineering controls:**
Ensure good ventilation of the work station.

#### 8.2.2. Personal protection equipment

**Personal protective equipment:**
Breathing equipment. Safety glasses. Gloves. Protective clothing.

**Personal protective equipment symbol(s):**

#### 8.2.2.1. Eye and face protection

**Eye protection:**
Safety glasses. EN 166

#### 8.2.2.2. Skin protection

**Skin and body protection:**
Wear suitable protective clothing. CEN : EN 340; EN 369; EN 465

**Hand protection:**
Wear suitable gloves resistant to chemical penetration. Chemical resistant gloves (according to European standard NF EN 374 or equivalent)

| Hand protection | | | | | |
|---|---|---|---|---|---|
| **Type** | **Material** | **Permeation** | **Thickness (mm)** | **Penetration** | **Standard** |
| Reusable gloves, Disposable gloves | Polyvinylchloride (PVC), Nitrile rubber (NBR) | 6 (> 480 minutes) | ≥0.11 | | EN ISO 374 |

#### 8.2.2.3. Respiratory protection

**Respiratory protection:**
Wear respiratory protection. EN 143

| Respiratory protection | | | |
|---|---|---|---|
| **Device** | **Filter type** | **Condition** | **Standard** |
| Approved respirator | Type P1 | Vapour protection, Protection for Liquid particles | EN 143 |

#### 8.2.2.4. Thermal hazards

No additional information available

#### 8.2.3. Environmental exposure controls

**Environmental exposure controls:**
Avoid release to the environment.
**Other information:**
Do not eat, drink or smoke during use.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

| | | |
|---|---|---|
| Physical state | : | Liquid |
| Colour | : | Colourless. |
| Odour | : | characteristic. |
| Odour threshold | : | Not available |
| Melting point | : | Not available |
| Freezing point | : | Not available |
| Boiling point | : | Not available |
| Flammability | : | Highly flammable liquid and vapour. |
| Explosive limits | : | Not available |
| Lower explosive limit (LEL) | : | Not available |
| Upper explosive limit (UEL) | : | Not available |
| Flash point | : | Not available |
| Auto-ignition temperature | : | Not available |
| Decomposition temperature | : | Not available |
| pH | : | Not available |
| Viscosity, kinematic | : | Not available |
| Solubility | : | Not available |
| Partition coefficient n-octanol/water (Log Kow) | : | Not available |
| Vapour pressure | : | Not available |
| Vapour pressure at 50 °C | : | Not available |
| Density | : | Not available |
| Relative density | : | Not available |
| Relative vapour density at 20 °C | : | Not available |
| Particle size | : | Not applicable |
| Particle size distribution | : | Not applicable |
| Particle shape | : | Not applicable |
| Particle aspect ratio | : | Not applicable |
| Particle aggregation state | : | Not applicable |
| Particle agglomeration state | : | Not applicable |
| Particle specific surface area | : | Not applicable |
| Particle dustiness | : | Not applicable |

### 9.2. Other information

#### 9.2.1. Information with regard to physical hazard classes

No additional information available

#### 9.2.2. Other safety characteristics

No additional information available

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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Highly flammable liquid and vapour.

### 10.2. Chemical stability

May form flammable/explosive vapour-air mixture.

### 10.3. Possibility of hazardous reactions

No additional information available

### 10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

### 10.5. Incompatible materials

Strong alkalis. Strong acids.

### 10.6. Hazardous decomposition products

fume. Carbon oxides (CO, CO2). May release flammable gases.

## SECTION 11: Toxicological information

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

Acute toxicity (oral) : Harmful if swallowed.
Acute toxicity (dermal) : Harmful in contact with skin.
Acute toxicity (inhalation) : Harmful if inhaled.

| Dammar Picture Varnish | |
|---|---|
| ATE CLP (oral) | 775,194 mg/kg bodyweight |
| ATE CLP (dermal) | 1745,108 mg/kg bodyweight |
| ATE CLP (dust,mist) | 2,408 mg/l/4h |

| ethanol; ethyl alcohol (64-17-5) | |
|---|---|
| LD50 oral rat | 6200 mg/kg |
| LD50 dermal rabbit | 20000 mg/kg |
| LC50 Inhalation - Rat (Vapours) | 95,6 mg/l/4h |

Skin corrosion/irritation : Causes skin irritation.
Serious eye damage/irritation : Causes serious eye irritation.
Respiratory or skin sensitisation : May cause an allergic skin reaction.
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified
Reproductive toxicity : Not classified
STOT-single exposure : Not classified

| acetone; propan-2-one; propanone (67-64-1) | |
|---|---|
| STOT-single exposure | May cause drowsiness or dizziness. |

| methanol (67-56-1) | |
|---|---|
| STOT-single exposure | Causes damage to organs. |

STOT-repeated exposure : Not classified
Aspiration hazard : May be fatal if swallowed and enters airways.

### 11.2. Information on other hazards

#### 11.2.1. Endocrine disrupting properties

No additional information available

#### 11.2.2. Other information

Other information : Risk of aspiration pneumonia

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : Toxic to aquatic life with long lasting effects.
Hazardous to the aquatic environment, short-term (acute) : Not classified
Hazardous to the aquatic environment, long-term (chronic) : Very toxic to aquatic life with long lasting effects.

| ethanol; ethyl alcohol (64-17-5) | |
|---|---|
| LC50 - Fish [1] | 8140 mg/l 48 h |
| EC50 - Crustacea [1] | 9268 – 14221 mg/l 48 h |
| EC50 - Crustacea [2] | 65 mg/l 72 h |
| ErC50 algae | 1450 mg/l 8 d |

### 12.2. Persistence and degradability

| ethanol; ethyl alcohol (64-17-5) | |
|---|---|
| Biochemical oxygen demand (BOD) | 0,9 – 1,67 g $O_2$/g substance |
| BOD (% of ThOD) | 94 % ThOD |

### 12.3. Bioaccumulative potential

No additional information available

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

| Dammar Picture Varnish |
|---|
| This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII |
| This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII |

### 12.6. Endocrine disrupting properties

No additional information available

### 12.7. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.
Additional information : Flammable vapours may accumulate in the container. Handle empty containers with care because residual vapours are flammable.

Ecology - waste materials : Avoid release to the environment.

## SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

| ADR | IMDG | IATA | ADN | RID |
|---|---|---|---|---|
| **14.1. UN number or ID number** | | | | |
| UN 1263 | UN 1263 | UN 1263 | UN 1263 | UN 1263 |
| **14.2. UN proper shipping name** | | | | |
| PAINT / PAINT RELATED MATERIAL (CONTAINS ; ethanol, ethyl alcohol) | PAINT RELATED MATERIAL (CONTAINS ; ethanol, ethyl alcohol) | Paint (CONTAINS ; ethanol, ethyl alcohol) | PAINT RELATED MATERIAL (CONTAINS ; ethanol, ethyl alcohol) | PAINT RELATED MATERIAL (CONTAINS ; ethanol, ethyl alcohol) |
| **Transport document description** | | | | |
| UN 1263 PAINT / PAINT RELATED MATERIAL (CONTAINS ; ethanol, ethyl alcohol), 3, II, (D/E), ENVIRONMENTALLY HAZARDOUS | UN 1263 PAINT RELATED MATERIAL (CONTAINS ; ethanol, ethyl alcohol), 3, II | UN 1263 Paint (CONTAINS ; ethanol, ethyl alcohol), 3, II, ENVIRONMENTALLY HAZARDOUS | UN 1263 PAINT RELATED MATERIAL (CONTAINS ; ethanol, ethyl alcohol), 3, II, ENVIRONMENTALLY HAZARDOUS | UN 1263 PAINT RELATED MATERIAL (CONTAINS ; ethanol, ethyl alcohol), 3, II, ENVIRONMENTALLY HAZARDOUS |
| **14.3. Transport hazard class(es)** | | | | |
| 3 | 3 | 3 | 3 | 3 |
| | | | | |
| **14.4. Packing group** | | | | |
| II | II | II | II | II |
| **14.5. Environmental hazards** | | | | |
| Dangerous for the environment: Yes | Dangerous for the environment: Yes<br>Marine pollutant: No | Dangerous for the environment: Yes | Dangerous for the environment: Yes | Dangerous for the environment: Yes |
| No supplementary information available | | | | |

### 14.6. Special precautions for user

**Overland transport**

Classification code (ADR) : F1
Special provisions (ADR) : 163, 367, 640D, 650
Limited quantities (ADR) : 5l
Excepted quantities (ADR) : E2
Packing instructions (ADR) : P001, IBC02, R001
Special packing provisions (ADR) : PP1
Mixed packing provisions (ADR) : MP19
Portable tank and bulk container instructions (ADR) : T4
Portable tank and bulk container special provisions (ADR) : TP1, TP8, TP28
Tank code (ADR) : LGBF
Vehicle for tank carriage : FL
Transport category (ADR) : 2
Special provisions for carriage - Operation (ADR) : S2, S20
Hazard identification number (Kemler No.) : 33

Orange plates :


Tunnel restriction code (ADR) : D/E

**Transport by sea**

| | | |
|---|---|---|
| Special provisions (IMDG) | : | 163, 367 |
| Limited quantities (IMDG) | : | 5 L |
| Excepted quantities (IMDG) | : | E2 |
| Packing instructions (IMDG) | : | P001 |
| Special packing provisions (IMDG) | : | PP1 |
| IBC packing instructions (IMDG) | : | IBC02 |
| Tank instructions (IMDG) | : | T4 |
| Tank special provisions (IMDG) | : | TP1, TP8, TP28 |
| EmS-No. (Fire) | : | F-E |
| EmS-No. (Spillage) | : | S-E |
| Stowage category (IMDG) | : | B |
| Properties and observations (IMDG) | : | Miscibility with water depends upon the composition. |
| MFAG-No | : | 127;128 |

**Air transport**

| | | |
|---|---|---|
| PCA Excepted quantities (IATA) | : | E2 |
| PCA Limited quantities (IATA) | : | Y341 |
| PCA limited quantity max net quantity (IATA) | : | 1L |
| PCA packing instructions (IATA) | : | 353 |
| PCA max net quantity (IATA) | : | 5L |
| CAO packing instructions (IATA) | : | 364 |
| CAO max net quantity (IATA) | : | 60L |
| Special provisions (IATA) | : | A3, A72, A192 |
| ERG code (IATA) | : | 3L |

**Inland waterway transport**

| | | |
|---|---|---|
| Classification code (ADN) | : | F1 |
| Special provisions (ADN) | : | 163, 367, 640C, 650 |
| Limited quantities (ADN) | : | 5 L |
| Excepted quantities (ADN) | : | E2 |
| Equipment required (ADN) | : | PP, EX, A |
| Ventilation (ADN) | : | VE01 |
| Number of blue cones/lights (ADN) | : | 1 |

**Rail transport**

| | | |
|---|---|---|
| Classification code (RID) | : | F1 |
| Special provisions (RID) | : | 163, 367, 640C, 650 |
| Excepted quantities (RID) | : | E2 |
| Packing instructions (RID) | : | P001 |
| Special packing provisions (RID) | : | PP1 |
| Mixed packing provisions (RID) | : | MP19 |
| Portable tank and bulk container instructions (RID) | : | T4 |
| Portable tank and bulk container special provisions (RID) | : | TP1, TP8, TP28 |
| Tank codes for RID tanks (RID) | : | L1.5BN |
| Transport category (RID) | : | 2 |
| Colis express (express parcels) (RID) | : | CE7 |
| Hazard identification number (RID) | : | 33 |

## 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

| EU restriction list (REACH Annex XVII) | |
|---|---|
| **Reference code** | **Applicable on** |
| 3(a) | Dammar Picture Varnish ; acetone; propan-2-one; propanone ; ethanol; ethyl alcohol ; methanol ; turpentine, oil |
| 3(b) | Dammar Picture Varnish ; acetone; propan-2-one; propanone ; methanol ; turpentine, oil |
| 3(c) | Dammar Picture Varnish ; turpentine, oil |
| 40. | acetone; propan-2-one; propanone ; ethanol; ethyl alcohol ; methanol ; turpentine, oil |
| 69. | methanol |

Contains no substance on the REACH candidate list
Contains no REACH Annex XIV substances
Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.
Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants
Contains substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.
ANNEX II REPORTABLE EXPLOSIVES PRECURSORS
List of substances on their own or in mixtures or in substances for which suspicious transactions and significant disappearances and thefts are to be reported to the relevant national contact point within 24 hours.

| Name | CAS-No. | Combined Nomenclature code (CN) | Combined Nomenclature code for mixture without constituents which would determine classification under another CN code |
|---|---|---|---|
| Acetone | 67-64-1 | 2914 11 00 | ex 3824 99 92 |

Please see https://ec.europa.eu/home-affairs/system/files/2021-05/list_of_competent_authorities_and_national_contact_points_en.pdf

#### Directive 2012/18/EU (SEVESO III)

| Seveso III Part I (Categories of dangerous substances) | Qualifying quantity (tonnes) | |
|---|---|---|
| | Lower-tier | Upper-tier |
| P5a FLAMMABLE LIQUIDS<br>— Flammable liquids, Category 1, or<br>— Flammable liquids Category 2 or 3 maintained at a temperature above their boiling point, or<br>— Other liquids with a flash point ≤ 60 °C, maintained at a temperature above their boiling point | 10 | 50 |
| P5b FLAMMABLE LIQUIDS<br>— Flammable liquids Category 2 or 3 where particular processing conditions, such as high pressure or high temperature, may create major-accident hazards, or<br>— Other liquids with a flash point ≤ 60 °C where particular processing conditions, such as high pressure or high temperature, may create major-accident hazards | 50 | 200 |
| P5c FLAMMABLE LIQUIDS<br>Flammable liquids, Categories 2 or 3 not covered by P5a and P5b | 5000 | 50000 |

#### 15.1.2. National regulations

**Netherlands**

SZW-lijst van kankerverwekkende stoffen : ethanol; ethyl alcohol,turpentine, oil are listed
SZW-lijst van mutagene stoffen : turpentine, oil is listed
SZW-lijst van reprotoxische stoffen – Borstvoeding : ethanol; ethyl alcohol is listed
SZW-lijst van reprotoxische stoffen – Vruchtbaarheid : ethanol; ethyl alcohol is listed
SZW-lijst van reprotoxische stoffen – Ontwikkeling : ethanol; ethyl alcohol is listed

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

| Indication of changes | | | |
|---|---|---|---|
| **Section** | **Changed item** | **Change** | **Comments** |
| | Revision date | Modified | |
| | Supersedes | Modified | |
| | SDS EU format | Modified | |
| 2.2 | Precautionary statements (CLP) | Modified | |
| 11.1 | ATE CLP (oral) | Modified | |
| 11.1 | ATE CLP (dermal) | Modified | |
| 11.1 | ATE CLP (dust,mist) | Modified | |
| 15.1 | REACH Annex XVII | Added | |
| 16 | Data sources | Modified | |

| Abbreviations and acronyms: | |
|---|---|
| ADR | European Agreement concerning the International Carriage of Dangerous Goods by Road |
| ATE | Acute Toxicity Estimate |
| CAS | CAS (Chemical Abstracts Service) number |
| CLP | Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008 |
| | CMR: Carcinogeen, Mutageen, Reprotoxisch |
| | CSA: Chemical Safety Assessment |
| | CSR: Chemical Safety Report |
| DNEL | Derived-No Effect Level |
| | EC50: Median Effective Concentration (required to induce a 50% effect) |
| | EINECS: European Inventory of Existing Commercial Chemical Substances |
| | GHS: Globally Harmonized System of Classification and Labelling of Chemicals |
| | IATA: International Air Transport Association |
| | IMDG: International Maritime Code for Dangerous Goods |
| | LC50: Lethal concentration, 50 percent |
| | LD50: Lethal dose, 50 percent |
| PBT | Persistent Bioaccumulative Toxic |
| | PNEC: Predicted No Effect Concentration (for environment) |
| | REACH: Registration, Evaluation and Authorisation of Chemical substances |
| | RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail) |
| | SVHC: Substances of Very High Concern |
| vPvB | Very Persistent and Very Bioaccumulative |

Data sources : ECHA (European Chemicals Agency). according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878.

Other information : DISCLAIMER OF LIABILITY The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable. REACH Disclaimer:
This information is based on current knowledge. Consistency of data in the SDS with CSR is considered, as far as the information is available at the time of compilation (cfr Revision date and Version number).

| **Full text of H- and EUH-statements:** | |
|---|---|
| Acute Tox. 3 (Dermal) | Acute toxicity (dermal), Category 3 |
| Acute Tox. 3 (Inhalation) | Acute toxicity (inhal.), Category 3 |
| Acute Tox. 3 (Oral) | Acute toxicity (oral), Category 3 |
| Acute Tox. 4 (Dermal) | Acute toxicity (dermal), Category 4 |
| Acute Tox. 4 (Inhalation) | Acute toxicity (inhal.), Category 4 |
| Acute Tox. 4 (Oral) | Acute toxicity (oral), Category 4 |
| Aquatic Chronic 1 | Hazardous to the aquatic environment — Chronic Hazard, Category 1 |
| Asp. Tox. 1 | Aspiration hazard, Category 1 |
| Eye Irrit. 2 | Serious eye damage/eye irritation, Category 2 |
| Flam. Liq. 2 | Flammable liquids, Category 2 |
| Flam. Liq. 3 | Flammable liquids, Category 3 |
| H225 | Highly flammable liquid and vapour. |
| H226 | Flammable liquid and vapour. |
| H301 | Toxic if swallowed. |
| H302 | Harmful if swallowed. |
| H304 | May be fatal if swallowed and enters airways. |
| H311 | Toxic in contact with skin. |
| H312 | Harmful in contact with skin. |
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H319 | Causes serious eye irritation. |
| H331 | Toxic if inhaled. |
| H332 | Harmful if inhaled. |
| H336 | May cause drowsiness or dizziness. |
| H370 | Causes damage to organs. |
| H371 | May cause damage to organs. |
| H410 | Very toxic to aquatic life with long lasting effects. |
| Skin Irrit. 2 | Skin corrosion/irritation, Category 2 |
| Skin Sens. 1 | Skin sensitisation, Category 1 |

**Dammar Picture Varnish**

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

| Full text of H- and EUH-statements: | |
|---|---|
| STOT SE 1 | Specific target organ toxicity — single exposure, Category 1 |
| STOT SE 2 | Specific target organ toxicity — Single exposure, Category 2 |
| STOT SE 3 | Specific target organ toxicity — Single exposure, Category 3, Narcosis |

| Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]: | | |
|---|---|---|
| Flam. Liq. 2 | H225 | Calculation method |
| Acute Tox. 4 (Oral) | H302 | Calculation method |
| Acute Tox. 4 (Dermal) | H312 | Calculation method |
| Acute Tox. 4 (Inhalation:dust,mist) | H332 | Calculation method |
| Skin Irrit. 2 | H315 | Calculation method |
| Eye Irrit. 2 | H319 | Calculation method |
| Skin Sens. 1 | H317 | Calculation method |
| Asp. Tox. 1 | H304 | Expert judgment |
| Aquatic Chronic 1 | H410 | Calculation method |

The classification complies with : ATP 12

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