



# SAFETY DATA SHEET according to regulation EC 1907/2006 (REACH) and its updates

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TESSAROL ENAMEL RAL----

Revision No.:1/ 1  
First Revision Date: 27-06-19  
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Print Date:27-06-19

## 1. Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

|               |                                                                                                                                                                                                                                                                           |
|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product       | TESSAROL ENAMEL RAL----                                                                                                                                                                                                                                                   |
| Item code(s): | 400678, 400679, 400680, 401600, 401601, 401602, 401603, 401604, 401605, 401606, 401607, 401608, 401609, 401610, 401611, 401612, 401613, 401614 Note: The following material codes are codes, without packaging, safety data sheet applies to all packages of those codes. |

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

|                     |                                                                               |
|---------------------|-------------------------------------------------------------------------------|
| Use, scope:         | Top coating - enamel<br>The product is used in consumer and professional use. |
| Use:                | Suitable for application with spraying, brush and roller.                     |
| Restrictions on use | No restrictions known.                                                        |

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

|                    |                                                                                                       |
|--------------------|-------------------------------------------------------------------------------------------------------|
| Producer           | HELIOS TBLUS d.o.o.<br>Količevo 65 • 1230 Domžale, Slovenija<br>T +386 1 722 40 00 F +386 1 722 43 10 |
| Responsible person | Matija Podobnik, e-mail: matija.podobnik@helios.si                                                    |

### 1.4. Emergency telephone number

|       |                                                                                                                                                    |
|-------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Phone | In case of health hazard, consult a private or a doctor on duty. For additional information please call phone number +386 (1) 722 4383 HSE dept.). |
|-------|----------------------------------------------------------------------------------------------------------------------------------------------------|

## 2. Hazards identification

### 2.1. Classification of the substance or mixture

Classification (EU 1272/2008)

|                      |                                                                                          |
|----------------------|------------------------------------------------------------------------------------------|
| Categories of danger | Flammable Liquid 3<br>Specific Target Organ Systemic Toxicity (STOT) - Single Exposure 3 |
|----------------------|------------------------------------------------------------------------------------------|

### 2.2. Label elements

EU 1272/2008:



| Signal Word                 | Warning                                                                                                                                                                                                                                                                                                                                                                                                            |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Contains:                   | derivative of propanoic acid (CAS 1259547-09-5); 2-butanone oxime<br>May produce an allergic reaction.                                                                                                                                                                                                                                                                                                             |
| Hazard phrases (H-phrases): | H226 - Flammable liquid and vapour.<br>H336 - May cause drowsiness or dizziness.                                                                                                                                                                                                                                                                                                                                   |
| Precautionary statements:   | P101 - If medical advice is needed, have product container or label at hand. P102 - Keep out of reach of children. P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P271 - Use only outdoors or in a well-ventilated area. P501 - Dispose of contents/container to authorized disposal organisation. |

### 2.3. Other hazards

|  |                                                                                                    |
|--|----------------------------------------------------------------------------------------------------|
|  | Product contains organic solvents.<br>EUH066 Repeated exposure may cause skin dryness or cracking. |
|--|----------------------------------------------------------------------------------------------------|

## 3. Composition/information on ingredients

### 3.2. Mixtures

| Chemical composition:                                                                                                                                           | Enamel based on alkyd binder and pigments in organic solvents. |                                                          |                                                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------|--------------------------------------------------------------------------------|
| Chemical Name                                                                                                                                                   | Concentration [weight %]                                       | CAS EINECS EU INDEX REACH reg.no.                        | Classification (REGULATION (EC) No. 1272/2008) Notes                           |
| hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclic, <2% aromatics                                                                                              | 20-29,99                                                       | -<br>919-857-5<br>-<br>01-2119463258-33                  | Asp.Tox.1; H304<br>STOT SE 3; H336<br>Flam. Liq. 3; H226                       |
| 2-butanone oxime                                                                                                                                                | 0,5-0,99                                                       | 96-29-7<br>202-496-6<br>616-014-00-0<br>01-2119539477-28 | Carc. 2; H351<br>Skin Sens. 1; H317<br>Eye Dam. 1; H318<br>Acute Tox. 4; H312  |
| Strontium bis(2-ethylhexanate)                                                                                                                                  | 0,1- 0,49                                                      | 2457-02-5<br>219-536-3<br>-<br>01-2120783571-49          | Repr. 2; H361<br>Eye Dam. 1; H318<br>Skin Irrit. 2; H315<br>Acute Tox. 4; H302 |
| 2-Propenoic acid, 2-methyl-, 2-(dimethylamino)ethyl ester, polymer with butyl 2-propenoate, comps. with polyethylene glycol hydrogen maleate C9-11-alkyl ethers | 0,1- 0,49                                                      | 1259547-09-5<br>-<br>-                                   | Skin Sens. 1; H317                                                             |
|                                                                                                                                                                 |                                                                |                                                          |                                                                                |

## 4. First aid measures

### 4.1. Description of first aid measures

|                                  |                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------|
| In case of excessive inhalation: | If there are any symptoms transfer the victim to clean air.                                           |
| In case of contact with skin:    | Remove contaminated clothing. Wash skin with soap and water. Do not use organic solvents or thinners. |
| In case of contact with eyes:    | Flush eyes with water to remove product residue.                                                      |
| In case of ingestion:            | Do not eat. Rinse mouth with water. Do not induce vomiting.                                           |

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

|                                  |                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------|
| In case of excessive inhalation: | No data.                                                                                                               |
| In case of contact with skin:    | Prolonged exposure (contact) with the product causes loss of fat in the skin which can cause inflammation of the skin. |
| In case of contact with eyes:    | Redness, tearing and irritation at sensitive persons.                                                                  |
| In case of ingestion:            | In the case of large ingested amounts of product, sensitive individuals may experience nausea, vomiting and diarrhea.  |

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

|  |                   |
|--|-------------------|
|  | No data available |
|--|-------------------|

## 5. Firefighting measures

### 5.1. Extinguishing media

|                                 |                                                                                                                                                                                                                                                                                                                                                         |
|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Fire Extinguishing Media:       | SUITABLE: Foam, powder, carbon dioxide, inert gas or INERGEN FM 200 (started phase fire fighting), water fog.<br>UNSUITABLE: Water jet, unless USED ONLY for water mist to cool containers with flammable products. Remove all possible sources of ignition: open flame, lit cigarette, sparking of tools and equipment. Close packagings with product. |
| Unsuitable extinguishing media: | Open water jet                                                                                                                                                                                                                                                                                                                                          |

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

|                                         |                                                                                                                                                                                                                                                                                                                   |
|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Specific methods of extinguishing fire: | Extinguish fire in wind direction. Cool down vessels with product, which do not burn with dispersed water, prevent leakage of the product and place them in a safety place. The possibility of formation of harmful gases and thick smoke during the fire. The use of protective mask with filter A is mandatory. |
|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### 5.3. Advice for firefighters

|                                            |                                                                                                      |
|--------------------------------------------|------------------------------------------------------------------------------------------------------|
| Special equipment to protect firefighters: | Independent fire extinguisher on compressed air, a full fire-fighting equipment to protect the body. |
|--------------------------------------------|------------------------------------------------------------------------------------------------------|

## 6. Accidental release measures

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

|                       |                                                                                                                                                                |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Personal precautions: | Remove possible sources of ignition (flame, lit cigarette, sparking etc.). Protect respiratory system against inhalation of vapours. Provide good ventilation. |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|

## 6.2. Environmental precautions

|                            |                                                                          |
|----------------------------|--------------------------------------------------------------------------|
| Environmental precautions: | Prevent leakage into water, water dams, cellars, caves or sewage system. |
|----------------------------|--------------------------------------------------------------------------|

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

|                         |                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Methods of cleaning up: | Absorb the outflow product and mix it with soil, sand or other absorptive materials for liquids. Leave waste to the authorized waste collectors. |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|

## 6.4. Reference to other sections

Disposal of waste - Chapter 13, personal protective equipment - Chapter 8.

# 7. Handling and storage

## 7.1. Precautions for safe handling

|                       |                                                                                                                                                                                                                                                                                                                                                                                                |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Personal precautions: | At the use product vapours may produce flammable/explosive mixtures of vapours and air. During the pumping static electrification may occur. Emptying of static electrification, which could cause fire. At the decanting of larger quantities assure conductivity with binding and earthing of complete equipment. Prevent contact with hot objects, sparkles, flame and sources of ignition. |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                          |                                                                                                                                                                                                                        |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Advice on safe handling: | Do not smoke, drink or eat while handling the product. Do not breathe vapors, avoid contact with skin and eyes. At work wear cotton overalls or coveralls, nitrile rubber gloves and safety glasses with side shields. |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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

|                                    |                                                                                                                                                                                                                                                                                                                                            |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Technical measures and conditions: | SUITABLE: Store in tightly closed vessels in a cool and ventilated room. Prevent the formation of static electrification. UNSUITABLE: Storage in the room together with chemicals (oxidants, acids) may cause fire. In the warehouse there should be no tools or machines, which are the source of sparking. Store in an upright position. |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                |                           |
|----------------|---------------------------|
| Storage Class: | 3A (German VCI Guideline) |
|----------------|---------------------------|

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

# 8. Exposure controls/personal protection

## 8.1. Control parameters

The prescribed of threshold limit value (TLV) for occupational exposure to hazardous substances in the atmosphere post the Regulation on the safety of employees from risks against chemical substance exposure at work:

No exposure limits exist for the constituents of this product. No engineering controls are likely to be required to maintain operator comfort under normal conditions of use.

Biological limit values for components:

| Chemical Name    | Characteristic indication   Biological sample   Sampling time   Biological limit values |
|------------------|-----------------------------------------------------------------------------------------|
| 2-butanone oxime | 2-butanone oxime   urine   after working shift 4.08 mol/mol creatinine*                 |

DNEL = Derived No Effect Level

Component Data:

| Chemical Name                                                      | Population   Exposure   Effects   Values (units)                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|--------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclic, <2% aromatics | Workers Longterm inhalational Systemic effects 1500 mg/m3<br>Workers Longterm dermal Systemic effects 300 mg/kg/bw/day<br>Consumers Longterm inhalational Systemic effects 900 mg/m3<br>Consumers Longterm dermal Systemic effects 300 mg/kg/bw/day<br>Consumers Longterm oral Systemic effects 300 mg/kg/bw/day                                                                                                                                                                                   |
| 2-butanone oxime                                                   | Workers Longterm inhalational Systemic effects 9 mg/m3<br>Workers Longterm inhalational Local effects 3.33 mg/m3<br>Workers Longterm dermal Systemic effects 1.3 mg/kg/bw/day<br>Workers Shortterm dermal Systemic effects 2.5 mg/kg/bw/day<br>Consumers Longterm inhalational Systemic effects 2.7 mg/m3<br>Consumers Longterm inhalational Local effects 2 mg/m3<br>Consumers Longterm dermal Systemic effects 0.78 mg/kg/bw/day<br>Consumers Shortterm dermal Systemic effects 1.5 mg/kg/bw/day |
| Strontium bis(2-ethylhexanate)                                     | Workers Longterm inhalational Systemic effects 0.73 mg/m3<br>Workers Longterm dermal Systemic effects 0.41 mg/kg/bw/day<br>Consumers Longterm inhalational Systemic effects 0.18 mg/m3<br>Consumers Longterm dermal Systemic effects 0.21 mg/kg/bw/day<br>Consumers Longterm oral Systemic effects 0.21 mg/kg/bw/day                                                                                                                                                                               |

PNEC = Predicted No Effect Concentration

Component Data:

| Chemical Name                  | Media detail   Values                                                                                                                                                                                                                                                                            |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2-butanone oxime               | Fresh water = 0.256 mg/l<br>intermittent releases = 0.118 mg/l<br>Cleaning device = 177 mg/l                                                                                                                                                                                                     |
| Strontium bis(2-ethylhexanate) | Fresh water 0.36 - 0.44 mg/l<br>intermittent releases 0.493 - 0.61 mg/l<br>Sea water 0.036 - 0.04 mg/l<br>Cleaning device 71.7 - 88.52 mg/l<br>Sediment in fresh water 6.37 - 7.86 mg/kg dry weight<br>Sediment in sea water 0.637 - 0.79 mg/kg dry weight<br>Earth 1.06 - 1.31 mg/kg dry weight |

## 8.2. Exposure controls

|                         |                                                                                                                                                                                                                                                              |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Respiratory protection: | When used in confined spaces, prolonged work, wear protective mask for the whole face with filter "A". In case that the oxygen concentration in the air of work room falls under 17 %, use independent respirator with an open circle on the compressed air. |
| Hand protection:        | At several contacts with the product use gloves made of nitril rubber with thickness 0,40 mm, in contact with drops of product (minor contacts) the gloves made of nitril rubber of thickness 0,11 mm.                                                       |
| Eye protection:         | At the low concentrations in the air wear protective goggles, at high concentrations the protective mask for the whole face.                                                                                                                                 |
| Skin protection:        | In normal conditions wear clothes made of cotton and suitable footwear. In case the possibility of outflow is high, use the clothes and footwear resistant to chemicals (PVC, rubber).                                                                       |

## 9. Physical and chemical properties

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

|                 |                               |
|-----------------|-------------------------------|
| (a) Appearance: | Liquid                        |
| (b) Odour:      | Specific for organic solvents |

|                                              |                                                                                                                                           |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| (c) Odour threshold:                         | Product components have a high limit of odor detection.                                                                                   |
| (d) pH:                                      | No data available                                                                                                                         |
| e) Melting point/freezing point:             | < 0 °C [ASTM D97/87] ; computational method, based on component data ; hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclic, <2% aromatics |
| (f) Initial boiling point and boiling range: | ; computational method, based on component data ; No data                                                                                 |
| (g) Flash point:                             | 45 ( °C); ISO 3679:2015, closed cup ;                                                                                                     |
| (h) Evaporation rate:                        | ; computational method, based on component data ; No data                                                                                 |
| (i) Flammability (solid, gas):               | Flammable liquid and vapour.                                                                                                              |
| (l) Vapour density:                          | No data                                                                                                                                   |
| (m) Relative density(kg/l):                  | 0,90-1,25 ISO 2811                                                                                                                        |
| (n) Solubility(ies):                         | Insoluble                                                                                                                                 |
| (o) Partition coefficient: n-octanol/water:  | ; computational method, based on component data                                                                                           |
| (p) Auto-ignition temperature:               | ; computational method, based on component data ; No data                                                                                 |
| (q) Decomposition temperature:               | No data                                                                                                                                   |
| (r) Viscosity:                               | Tixotropic                                                                                                                                |
| Kinematic viscosity:                         | > 21 mm²/s, 40 °C                                                                                                                         |
| (s) Explosive properties:                    | Product is not explosive. However, formation of explosive steam/air mixtures is possible.                                                 |
| (t) Oxidising properties:                    | No data                                                                                                                                   |
| <b>9.2. Other information</b>                |                                                                                                                                           |
| Solids content: (calculated, %)              | 67-76                                                                                                                                     |
| Organic solvents (wght. %)                   | 24-33                                                                                                                                     |
| Water content: (calculated, %)               | 0.00                                                                                                                                      |

## 10. Stability and reactivity

### 10.1. Reactivity

|             |                                                         |
|-------------|---------------------------------------------------------|
| Reactivity: | Stable - when used in accordance with the instructions. |
|-------------|---------------------------------------------------------|

### 10.2. Chemical stability

|            |                                                                                                |
|------------|------------------------------------------------------------------------------------------------|
| Stability: | The product is stable under conditions in accordance with the instructions and proper storage. |
|------------|------------------------------------------------------------------------------------------------|

### 10.3. Possibility of hazardous reactions

|                       |                                                                                                                                   |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Hazardous conditions: | The presence of open flame or hazardous materials. Avoid contact of product with heat, sparks, flames and other ignition sources. |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------|

### 10.4. Conditions to avoid

|                      |                   |
|----------------------|-------------------|
| Unwanted conditions: | No data available |
|----------------------|-------------------|

### 10.5. Incompatible materials

|                  |                                                                                                                                                                                   |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Incompatibility: | The product is non-reactive and compatible with majority of substances, except with extreme oxidants. Keep the product in the original packaging. Do not mix with other products. |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## 10.6. Hazardous decomposition products

|  |                   |
|--|-------------------|
|  | No data available |
|--|-------------------|

## 11. Toxicological information

### 11.1. Information on toxicological effects

#### (a) acute toxicity:

|                                 |                                                                                                                                                                                                                                      |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ORAL                            | Product contains components which may have harmful effects after ingestion and may cause troubles to more sensitive individuals. Such components are: ; computational method, based on component data Strontium bis(2-ethylhexanate) |
| DERMAL                          | Product contains components which may cause effects in case of contact with skin and may cause problems to some individuals. Such components are:<br>; computational method, based on component data 2-butanone oxime                |
| INHALATIONAL                    | None data known.                                                                                                                                                                                                                     |
| Special precautionary measures: | Wash hands thoroughly after handling. Do no eat, drink or smoke when using this product.                                                                                                                                             |

#### Data on components:

| Chemical Name    | LC50 inhalation          | Oral LD50           | Dermal LD50           |
|------------------|--------------------------|---------------------|-----------------------|
| 2-butanone oxime | LC50-4 hours Rat 20 mg/l | OLD50 Rat 930 mg/kg | D LD50 Rabbit 0 mg/kg |

#### (b) skin corrosion/irritation:

|                                 |                                                                                                                                                                |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Skin:                           | Product contains components which may have harmful effects at contact with skin and may cause troubles to more sensitive individuals.                          |
| Special precautionary measures: | If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. IF ON SKIN: Wash with plenty of soap and water. |

#### (c) serious eye damage/irritation:

|                                 |                                                                                                                                  |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Eyes:                           | Product contains components which may cause effects in case of contact with eyes and may cause problems to some individuals.     |
| Special precautionary measures: | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |

#### (d) respiratory or skin sensitisation:

|                                 |                                                                                                          |
|---------------------------------|----------------------------------------------------------------------------------------------------------|
| Skin:                           | Product contains components which may cause skin sensitivity and may cause problems to some individuals. |
| Special precautionary measures: | Wear protective gloves/protective clothing/eye protection/face protection.                               |

#### (e) germ cell mutagenicity:

|                                 |                                                              |
|---------------------------------|--------------------------------------------------------------|
| Exposure to product:            | None data known.                                             |
| Special precautionary measures: | Product does not contain components classified as mutagenic. |

#### (f) carcinogenicity:

|                      |                                                                                                                          |
|----------------------|--------------------------------------------------------------------------------------------------------------------------|
| Exposure to product: | Product contains components which are suspected to cause cancer, but below the threshold to classify the product itself. |
|----------------------|--------------------------------------------------------------------------------------------------------------------------|

|                                 |                                                                                                                                                                          |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Special precautionary measures: | Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. IF exposed or concerned: Get medical advice/attention. |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**(g) reproductive toxicity:**

|                                 |                                                                                                                                                                                                                                                                                             |
|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Exposure to product:            | Product contains components which may damage fertility or the unborn child, but below the threshold to classify the product itself. Product contains components which may damage fertility or the unborn child, but their content is below the classification threshold for product itself. |
| Special precautionary measures: | Do not handle until all safety precautions have been read and understood.                                                                                                                                                                                                                   |

**(h) STOT-single exposure:**

|                                 |                                                 |
|---------------------------------|-------------------------------------------------|
| Exposure to product:            | May cause drowsiness or dizziness.              |
| Special precautionary measures: | Use only outdoors or in a well-ventilated area. |

**(i) STOT-repeated exposure:**

|                                 |                                                                                                                       |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| Special precautionary measures: | Product does not contain components classified as causing harmful effect to organs on repeated or prolonged exposure. |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------|

**(j) aspiration hazard:**

|                                 |                                                                                                                                                              |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| INHALATIONAL                    | Product contains components which may cause aspiration hazard, but kinematic viscosity is high enough that product is not classified with aspiration hazard. |
| Special precautionary measures: | Do NOT induce vomiting.                                                                                                                                      |

## 12. Ecological information

### 12.1. Toxicity

|                                   |                                                                                           |
|-----------------------------------|-------------------------------------------------------------------------------------------|
| Ecotoxicity - Data on components: | Product (based on the data component) is not classified as dangerous for the environment. |
|-----------------------------------|-------------------------------------------------------------------------------------------|

### 12.2. Persistence and degradability

|                |                   |
|----------------|-------------------|
| Biodegradation | No data available |
|----------------|-------------------|

### 12.3. Bioaccumulative potential

|                   |                   |
|-------------------|-------------------|
| Bioconcentration: | No data available |
|-------------------|-------------------|

### 12.4. Mobility in soil

|          |         |
|----------|---------|
| Mobility | No data |
|----------|---------|

### 12.5. Results of PBT and vPvB assessment

|               |                   |
|---------------|-------------------|
| PBT and vPvB: | No data available |
|---------------|-------------------|

### 12.6. Other adverse effects

|                                   |                                                                                                                  |
|-----------------------------------|------------------------------------------------------------------------------------------------------------------|
| Ecotoxicity - Data on components: | Based on the classification of components, product is not recognised to have adverse effects on the environment. |
|-----------------------------------|------------------------------------------------------------------------------------------------------------------|

## 13. Disposal considerations

### 13.1. Waste treatment methods

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product:   | <p>The product leftovers , waste and useless packaging should be handled in accordance with the Regulations on processing of special and dangerous waste (dir. 91/689/EEC, dir. 2000/532/EC).</p> <p>Waste classification number: 08 01 11<br/>Waste hazardous characteristic: H3-B</p> <p>The recommended dgradation method is the use of the controlled high temperature incineration or disposal to the deposits for dangerous substances.</p> |
| Packaging: | Empty the packaging as thoroughly as possible. The thoroughly emptied packaging (dry) may be disposed of as not dangerous waste according to material type.                                                                                                                                                                                                                                                                                       |

## 14. Transport information

|                                  | Transport by road/by railway - ADR/RID:                                                                                                                                               | Transport by sea – IMDG:                                                                                                                                                             | Air transport ( IATA ): |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| Reliefs, exemptions:             | In case a product is transported in the packaging units smaller than 450 l, it will not be classified as dangerous according to ADR/RID, in accordance with the concession 2.2.3.1.5. | In case a product is transported in the packaging units smaller than 450 l, it will not be classified as dangerous according to IMDG, in accordance with transport IMDG-code 2.3.2.5 |                         |
| 14.1. UN number                  | 1263                                                                                                                                                                                  | 1263                                                                                                                                                                                 | 1263                    |
| 14.2. UN proper shipping name    | PAINT                                                                                                                                                                                 | PAINT                                                                                                                                                                                | PAINT                   |
| 14.3. Transport hazard class(es) | 3                                                                                                                                                                                     | 3                                                                                                                                                                                    | 3                       |
| 14.4. Packing group              | III                                                                                                                                                                                   | III                                                                                                                                                                                  | III                     |
| Label:                           |                                                                                                    |                                                                                                                                                                                      |                         |
| Hazard number:                   | 30                                                                                                                                                                                    | 30                                                                                                                                                                                   | 30                      |
| Tunnel restriction code:         | (D/E)                                                                                                                                                                                 |                                                                                                                                                                                      |                         |
| Instructions for emergency EmS:  |                                                                                                                                                                                       | F-E, S-E                                                                                                                                                                             |                         |

|                                                                               |                                                                                            |    |    |
|-------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|----|----|
| 14.5. Environmental hazards                                                   | No                                                                                         | No | No |
| 14.6. Special precautions for user                                            | Transport with respecting transport labels and the requests of transportation legislation. |    |    |
| 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable                                                                             |    |    |

## 15. Regulatory information

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

This Safety Data Sheet has been prepared in accordance with a comprehensive chemicals legislation - REACH Regulation on chemicals and the Regulation for classification, labeling and packaging (CLP/GHS).

The product is under the scope of Directive (EU 2004/42), "DECO VOC". Under the terms of directive, the product is classified into: A.d - Interior/exterior trim and cladding paints for wood and metal, solvent-borne coatings (SB) 300 g/l

### 15.2. Chemical safety assessment

Has not been conducted.

## 16. Other information

### The importance of H phrases from Chapter 3:

H317 - May cause an allergic skin reaction.  
H361 - Suspected of damaging fertility or the unborn child.  
H318 - Causes serious eye damage.  
H315 - Causes skin irritation.  
H302 - Harmful if swallowed.  
H351 - Suspected of causing cancer.  
H312 - Harmful in contact with skin.  
H336 - May cause drowsiness or dizziness.  
H304 - May be fatal if swallowed and enters airways.  
H226 - Flammable liquid and vapour.

|                                         |                                                                                 |
|-----------------------------------------|---------------------------------------------------------------------------------|
| <b>Changes from previous revisions:</b> |                                                                                 |
| <b>Literature / Data Sources:</b>       | Supplier's / manufacturer's safety data, references to toxicological databases. |

The information in this Safety Data Sheet refer only to the mentioned product in the form as delivered and it is not necessary valid when this material is used in the combination with other materials or in the processes, which are not foreseen in the instructions for use. This information is correct to the supplier's best of knowledge and reliable at the time of the publication of this Safety data sheet. It is the user's responsibility to ascertain the suitability of the product for a specific use.

The data in this Safety data sheet do not prove the quality of the product, they are only the instructions for the safe use of the product with the user.

In case of non-compliance with the measures or incorrect use of the product , stated in the Safety data sheet we do not accept any responsibility for the consequences.