

# SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by  
UK REACH Regulations SI 2019/758



## TESSAROL ACRYLIC PRIMER UNI white

Version	Revision Date:	SDS Number:	Date of last issue: 30.01.2024
3.0	08.03.2024	MAT000480815 GB/EN	Date of first issue: 18.05.2020

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

#### 1.1 Product identifier

Trade name : TESSAROL ACRYLIC PRIMER UNI white

Product code : 48081502

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

Use of the Sub-  
stance/Mixture : Building and construction work  
Professional and consumer use of coatings, Roller application  
or brushing, Non industrial spraying  
Coatings and paints, thinners, paint removers

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

Company : KANSAI HELIOS Slovenija d.o.o.  
Količevo 65  
1230 Domžale  
Slovenia

Telephone Company : 386 (1) 722 4383

Telefax Company : 386 (1) 722 4310

Responsible/issuing person : 386 (1) 722 4383  
productsafety@kansai-helios.si

#### 1.4 Emergency telephone number

Call 999 (or 112) for emergency medical attention

professionals only: National Poison Information Service (NPIS) 24h national number 0844 892  
0111

consumer: National Health Service (NHS) 24h national number, England & Scotland 111

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### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

**Classification (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK  
SI 2019/720, and UK SI 2020/1567)**

||| Long-term (chronic) aquatic hazard, Cat- H412: Harmful to aquatic life with long lasting ef-

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Date of last issue: 30.01.2024  
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Category 3 Effects.

### 2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567)

Hazard statements	:	H412	Harmful to aquatic life with long lasting effects.
Precautionary statements	:	P101	If medical advice is needed, have product container or label at hand.
		P102	Keep out of reach of children.
		P103	Read carefully and follow all instructions.
<b>Prevention:</b>			
		P273	Avoid release to the environment.
<b>Disposal:</b>			
		P501	Dispose of contents/ container to an approved waste disposal plant.

### Additional Labelling

### 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

Chemical nature : Waterborne paint

#### Components

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
zinc bis(orthophosphate)	7779-90-0 231-944-3 030-011-00-6 01-2119485044-40	Aquatic Acute 1; H400 Aquatic Chronic 1; H410	>= 1 - < 2,5
zinc oxide	1314-13-2 215-222-5 030-013-00-7 01-2119463881-32	Aquatic Acute 1; H400 Aquatic Chronic 1; H410	>= 0,25 - < 1
zinc 5-nitroisophthalate	60580-61-2	Aquatic Acute 1; H400	>= 0,1 - < 0,25

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		Aquatic Chronic 2; H411	
1,2-benzisothiazol-3(2H)-one	2634-33-5 220-120-9 613-088-00-6 01-2120761540-60	Acute Tox. 4; H302 Skin Irrit. 2; H315 Eye Dam. 1; H318 Skin Sens. 1; H317 Aquatic Acute 1; H400 Aquatic Chronic 2; H411  specific concentra- tion limit Skin Sens. 1; H317 >= 0,05 %	>= 0,0025 - < 0,025
Substances with a workplace exposure limit :			
Limestone	1317-65-3 215-279-6 EXEMPTED		>= 10 - < 20
titanium dioxide	13463-67-7 236-675-5 01-2119489379-17		>= 10 - < 20
propane-1,2-diol	57-55-6 200-338-0 01-2119456809-23		>= 1 - < 10
2-(2-ethoxyethoxy)ethanol	111-90-0 203-919-7 01-2119475105-42		>= 1 - < 10
talc	14807-96-6 238-877-9 01-2120140278-58		>= 1 - < 10

For explanation of abbreviations see section 16.

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

General advice : Do not leave the victim unattended.

If inhaled : If unconscious, place in recovery position and seek medical advice.  
If symptoms persist, call a physician.

In case of skin contact : In case of contact, immediately flush skin with plenty of water.  
Remove contaminated clothing and shoes.

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---

- In case of eye contact : Remove contact lenses.  
Protect unharmed eye.  
If eye irritation persists, consult a specialist.
- If swallowed : Keep respiratory tract clear.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.  
If symptoms persist, call a physician.

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

None known.

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

Treatment : Treat symptomatically.

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## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.  
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

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

Specific hazards during fire-fighting : Do not allow run-off from fire fighting to enter drains or water courses.

Hazardous combustion products : No hazardous combustion products are known

### 5.3 Advice for firefighters

Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.

Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.  
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

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## SECTION 6: Accidental release measures

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

Personal precautions : Avoid contact with skin and eyes.  
Do not flush into surface water or sanitary sewer system.  
Prevent further leakage or spillage if safe to do so.

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3.0	08.03.2024	MAT000480815 GB/EN	Date of first issue: 18.05.2020

---

### 6.2 Environmental precautions

Environmental precautions : Prevent product from entering drains.  
If the product contaminates rivers and lakes or drains inform respective authorities.

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

Methods for cleaning up : Wipe up with absorbent material (e.g. cloth, fleece).  
Keep in suitable, closed containers for disposal.

### 6.4 Reference to other sections

See sections: 7, 8, 11, 12 and 13.

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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Advice on safe handling : For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

Hygiene measures : General industrial hygiene practice.

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

Requirements for storage areas and containers : Containers which are opened must be carefully resealed and kept upright to prevent leakage. Electrical installations / working materials must comply with the technological safety standards.

Advice on common storage : No materials to be especially mentioned.

Further information on storage stability : No decomposition if stored and applied as directed.

### 7.3 Specific end use(s)

Specific use(s) : For further information, refer to the product technical data sheet.

Consult the technical guidelines for the use of this substance/mixture.

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Version  
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### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

##### Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
Limestone	1317-65-3	TWA (inhalable dust)	10 mg/m <sup>3</sup>	GB EH40
		TWA (Respirable dust)	4 mg/m <sup>3</sup>	GB EH40
titanium dioxide	13463-67-7	TWA (inhalable dust)	10 mg/m <sup>3</sup>	GB EH40
		TWA (Respirable dust)	4 mg/m <sup>3</sup>	GB EH40
Propane-1,2-diol	57-55-6	TWA (particles)	10 mg/m <sup>3</sup>	GB EH40
		TWA (Total vapour and particles)	150 ppm 474 mg/m <sup>3</sup>	GB EH40
Talc	14807-96-6	TWA (Respirable dust)	1 mg/m <sup>3</sup>	GB EH40
		TWA (Respirable dust)	0,1 mg/m <sup>3</sup>	2004/37/EC
Further information: Carcinogens or mutagens				

##### Derived No Effect Level (DNEL):

according to Regulation (EC) No. 1907/2006

Substance name	End Use	Exposure routes	Potential health effects	Value
titanium dioxide	Workers	Inhalation	Long-term local effects	10 mg/m <sup>3</sup>
	Consumers	Oral	Long-term systemic effects	700 mg/kg bw/day
2-(2-ethoxyethoxy)ethanol	Workers	Inhalation	Long-term systemic effects	61 mg/m <sup>3</sup>
	Workers	Inhalation	Long-term local effects	30 mg/m <sup>3</sup>
	Consumers	Inhalation	Long-term systemic effects	37 mg/m <sup>3</sup>
	Consumers	Inhalation	Long-term local effects	18 mg/m <sup>3</sup>
	Workers	Dermal	Long-term systemic effects	83 mg/kg bw/day
	Consumers	Dermal	Long-term systemic effects	25 mg/kg bw/day
	Consumers	Oral	Long-term systemic effects	50 mg/kg bw/day
Talc	Workers	Inhalation	Acute systemic ef-	2,16 mg/m <sup>3</sup>

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			fects	
	Workers	Inhalation	Acute local effects	3,6 mg/m <sup>3</sup>
	Consumers	Inhalation	Acute systemic effects	1,08 mg/m <sup>3</sup>
	Consumers	Inhalation	Acute local effects	1,8 mg/m <sup>3</sup>
	Consumers	Dermal	Long-term local effects	2,27 mg/cm <sup>2</sup>
	Workers	Dermal	Long-term local effects	4,54 mg/cm <sup>2</sup>
	Consumers	Oral	Long-term systemic effects	160 mg/kg bw/day
	Consumers	Oral	Acute systemic effects	160 mg/kg bw/day
	Workers	Dermal	Long-term systemic effects	43,2 mg/kg bw/day
	Consumers	Dermal	Long-term systemic effects	21,6 mg/kg bw/day
trizinc bis(orthophosphate)	Workers	Inhalation	Long-term systemic effects	5 mg/m <sup>3</sup>
	Consumers	Inhalation	Long-term systemic effects	2,5 mg/m <sup>3</sup>
	Workers	Dermal	Long-term systemic effects	83 mg/kg bw/day
	Consumers	Dermal	Long-term systemic effects	83 mg/kg bw/day
	Consumers	Oral	Long-term systemic effects	0,83 mg/kg bw/day
zinc oxide	Workers	Inhalation	Long-term systemic effects	5 mg/m <sup>3</sup>
	Workers	Inhalation	Long-term local effects	0,5 mg/m <sup>3</sup>
	Consumers	Inhalation	Long-term systemic effects	2,5 mg/m <sup>3</sup>
	Workers	Dermal	Long-term systemic effects	83 mg/kg bw/day
	Consumers	Dermal	Long-term systemic effects	83 mg/kg bw/day
	Consumers	Oral	Long-term systemic effects	0,83 mg/kg bw/day
1,2-benzisothiazol-3(2H)-one	Workers	Inhalation	Long-term systemic effects	6,81 mg/m <sup>3</sup>
	Workers	Dermal	Long-term systemic effects	0,966 mg/kg bw/day
	Consumers	Inhalation	Long-term systemic effects	1,2 mg/m <sup>3</sup>
	Consumers	Dermal	Long-term systemic effects	0,345 mg/kg bw/day

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### Predicted No Effect Concentration (PNEC):

according to Regulation (EC) No. 1907/2006

Substance name	Environmental Compartment	Value
titanium dioxide	Soil	100 mg/kg dry weight (d.w.)
	Marine water	0,0184 mg/l
	Fresh water	0,184 mg/l
	Marine sediment	100 mg/kg dry weight (d.w.)
	Fresh water sediment	1000 mg/kg dry weight (d.w.)
	Sewage treatment plant	100 mg/l
2-(2-ethoxyethoxy)ethanol	Intermittent use/release	0,193 mg/l
	Soil	0,34 mg/kg dry weight (d.w.)
	Marine water	0,198 mg/l
	Fresh water	1,98 mg/l
	Marine sediment	0,732 mg/kg dry weight (d.w.)
	Fresh water sediment	7,32 mg/kg dry weight (d.w.)
Talc	Sewage treatment plant	500 mg/l
	Intermittent use/release	19,8 mg/l
	Marine water	141,26 mg/l
	Fresh water	597,97 mg/l
	Marine sediment	3,13 mg/kg dry weight (d.w.)
	Fresh water sediment	31,33 mg/kg dry weight (d.w.)
trizinc bis(orthophosphate)	Intermittent use/release	597,97 mg/l
	Soil	35,6 mg/kg dry weight (d.w.)
	Marine water	0,0061 mg/l
	Fresh water	0,0206 mg/l
	Marine sediment	56,5 mg/kg dry weight (d.w.)
	Fresh water sediment	117,8 mg/kg dry weight (d.w.)
zinc oxide	Sewage treatment plant	0,1 mg/l
	Soil	35,6 mg/kg dry weight (d.w.)
	Marine water	0,0061 mg/l
	Fresh water	0,0206 mg/l
	Marine sediment	56,5 mg/kg dry weight (d.w.)
	Fresh water sediment	117,8 mg/kg dry weight (d.w.)
	Sewage treatment plant	0,1 mg/l

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Version  
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08.03.2024

SDS Number:  
MAT000480815  
GB/EN

Date of last issue: 30.01.2024  
Date of first issue: 18.05.2020

zinc 5-nitroisophthalate	Fresh water	0,0206 - 0,0808 mg/l
	Marine water	0,0061 - 0,0239 mg/l
	Sewage treatment plant	0,100 - 0,3922 mg/l
	Fresh water sediment	117,8 - 462 mg/kg dry weight (d.w.)
	Marine sediment	56,5 - 221 mg/kg dry weight (d.w.)
	Soil	56,5 - 221 mg/kg dry weight (d.w.)
1,2-benzisothiazol-3(2H)-one	Fresh water	0,00403 mg/l
	Intermittent use/release	0,0011 mg/l
	Marine water	0,000403 mg/l
	Sewage treatment plant	1,03 mg/l
	Fresh water sediment	0,0499 mg/kg dry weight (d.w.)
	Marine sediment	0,00499 mg/kg dry weight (d.w.)
	Soil	3 mg/kg dry weight (d.w.)

### 8.2 Exposure controls

#### Personal protective equipment

Eye/face protection : Equipment should conform to EN 166  
Hand protection

Gloves : Nitrile rubber (> 0,1 mm; < 60 min); ISO EN374 |  
butyl-rubber (> 0,6 mm; < 240 min); ISO EN374 |  
Viton® (> 0,6 mm; < 240 min); ISO EN374 |  
PE laminate (> 0,1 mm; < 240 min); ISO EN374 |

Remarks : Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.

Skin and body protection : Protective suit

Respiratory protection : No personal respiratory protective equipment normally required.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Appearance : liquid

Colour : in accordance with the product description

# SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by  
UK REACH Regulations SI 2019/758



## TESSAROL ACRYLIC PRIMER UNI white

Version	Revision Date:	SDS Number:	Date of last issue: 30.01.2024
3.0	08.03.2024	MAT000480815 GB/EN	Date of first issue: 18.05.2020

---

Odour	:	No information available.
Odour Threshold	:	No data available
pH	:	No data available
Flash point	:	Not applicable
Flammability (solid, gas)	:	Not applicable
Density	:	1,38 - 1,42 g/cm <sup>3</sup>
Solubility(ies)		
Water solubility	:	completely miscible
Solubility in other solvents	:	No data available
Partition coefficient: n- octanol/water	:	No data available
Viscosity		
Viscosity, kinematic	:	> 20,5 mm <sup>2</sup> /s (40 °C)

### 9.2 Other information

No data available		
VOC	:	(Directive 2004/42/EC) 140 g/l

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No decomposition if stored and applied as directed.

### 10.2 Chemical stability

No decomposition if stored and applied as directed.

### 10.3 Possibility of hazardous reactions

Hazardous reactions	:	Stable under recommended storage conditions. No hazards to be specially mentioned.
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### 10.4 Conditions to avoid

Conditions to avoid	:	No data available
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### 10.5 Incompatible materials

Materials to avoid	:	Incompatible with strong acids and bases.
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### 10.6 Hazardous decomposition products

No hazardous decomposition products are known.

# SAFETY DATA SHEET

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UK REACH Regulations SI 2019/758



## TESSAROL ACRYLIC PRIMER UNI white

Version  
3.0

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MAT000480815  
GB/EN

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---

### SECTION 11: Toxicological information

#### 11.1 Information on toxicological effects

##### Acute toxicity

Not classified based on available information.  
Not classified due to lack of data.

##### Components:

##### trizinc bis(orthophosphate):

Acute oral toxicity : LD50 (Rat): 5.000 mg/kg

##### 1,2-benzisothiazol-3(2H)-one:

Acute oral toxicity : Assessment: The component/mixture is moderately toxic after single ingestion.

##### Limestone:

Acute inhalation toxicity : Assessment: The substance or mixture has no acute inhalation toxicity

##### Skin corrosion/irritation

Not classified based on available information.  
Not classified due to lack of data.

##### Components:

##### 1,2-benzisothiazol-3(2H)-one:

Result : irritating

##### Serious eye damage/eye irritation

Not classified based on available information.  
Not classified due to lack of data.

##### Components:

##### 1,2-benzisothiazol-3(2H)-one:

Result : Corrosive

##### Respiratory or skin sensitisation

##### Skin sensitisation

Not classified based on available information.

##### Skin sensitisation

Not classified due to lack of data.

# SAFETY DATA SHEET

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---

### **Respiratory sensitisation**

Not classified based on available information.

### **Respiratory sensitisation**

Not classified due to lack of data.

### **Components:**

#### **1,2-benzisothiazol-3(2H)-one:**

Result : Probability or evidence of skin sensitisation in humans

### **Germ cell mutagenicity**

Not classified based on available information.

Not classified due to lack of data.

### **Carcinogenicity**

Not classified based on available information.

Not classified due to lack of data.

### **Reproductive toxicity**

Not classified based on available information.

Not classified due to lack of data.

### **STOT - single exposure**

Not classified based on available information.

Not classified due to lack of data.

### **STOT - repeated exposure**

Not classified based on available information.

Not classified due to lack of data.

### **Aspiration toxicity**

Not classified based on available information.

Not classified due to lack of data.

### **Further information**

#### **Product:**

Remarks : No data available

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## **SECTION 12: Ecological information**

### **12.1 Toxicity**

#### **Components:**

**trizinc bis(orthophosphate):**

#### **Ecotoxicology Assessment**

Acute aquatic toxicity : Very toxic to aquatic life.

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---

Chronic aquatic toxicity :

Very toxic to aquatic life with long lasting effects.

### **zinc oxide:**

Toxicity to fish : LC50 (Danio rerio (zebra fish)):  $\geq 1,793$  mg/l  
Exposure time: 96 h

Toxicity to daphnia and other : EC50 (Daphnia (water flea)):  $\geq 2,6$  mg/l  
aquatic invertebrates Exposure time: 48 h

Toxicity to algae/aquatic : IC50 (Desmodesmus subspicatus (green algae)):  $\geq 0,136$   
plants mg/l  
Exposure time: 72 h

### **Ecotoxicology Assessment**

Acute aquatic toxicity : Very toxic to aquatic life.

Chronic aquatic toxicity :

Very toxic to aquatic life with long lasting effects.

### **zinc 5-nitroisophthalate:**

#### **Ecotoxicology Assessment**

Acute aquatic toxicity : Very toxic to aquatic life.

Chronic aquatic toxicity :

Toxic to aquatic life with long lasting effects.

### **1,2-benzisothiazol-3(2H)-one:**

#### **Ecotoxicology Assessment**

Chronic aquatic toxicity : Toxic to aquatic life with long lasting effects.

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### 12.2 Persistence and degradability

#### Components:

##### **zinc oxide:**

Biodegradability : Result: Biodegradable

### 12.3 Bioaccumulative potential

#### Components:

##### **1,2-benzisothiazol-3(2H)-one:**

Partition coefficient: n-octanol/water : log Pow: 1,3

##### **2-(2-ethoxyethoxy)ethanol:**

Partition coefficient: n-octanol/water : log Pow: -0,8

### 12.4 Mobility in soil

No data available

### 12.5 Results of PBT and vPvB assessment

#### Product:

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

### 12.6 Other adverse effects

#### Product:

Endocrine disrupting potential : This substance/mixture does not contain components considered to have endocrine disrupting properties for environment according to UK REACH Article 57(f).

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.  
Harmful to aquatic life with long lasting effects.

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## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Product : The product should not be allowed to enter drains, water courses or the soil.

Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.

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MAT000480815  
GB/EN

Date of last issue: 30.01.2024  
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---

### SECTION 14: Transport information

#### 14.1 UN number

ADN : Not regulated as a dangerous good  
ADR : Not regulated as a dangerous good  
RID : Not regulated as a dangerous good  
IMDG : Not regulated as a dangerous good  
IATA : Not regulated as a dangerous good

#### 14.2 UN proper shipping name

ADN : Not regulated as a dangerous good  
ADR : Not regulated as a dangerous good  
RID : Not regulated as a dangerous good  
IMDG : Not regulated as a dangerous good  
IATA : Not regulated as a dangerous good

#### 14.3 Transport hazard class(es)

ADN : Not regulated as a dangerous good  
ADR : Not regulated as a dangerous good  
RID : Not regulated as a dangerous good  
IMDG : Not regulated as a dangerous good  
IATA : Not regulated as a dangerous good

#### 14.4 Packing group

ADN : Not regulated as a dangerous good  
ADR : Not regulated as a dangerous good  
RID : Not regulated as a dangerous good  
IMDG : Not regulated as a dangerous good  
IATA (Cargo) : Not regulated as a dangerous good  
IATA (Passenger) : Not regulated as a dangerous good

#### 14.5 Environmental hazards

Not regulated as a dangerous good

#### 14.6 Special precautions for user

Not applicable

# SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



## TESSAROL ACRYLIC PRIMER UNI white

Version	Revision Date:	SDS Number:	Date of last issue: 30.01.2024
3.0	08.03.2024	MAT000480815 GB/EN	Date of first issue: 18.05.2020

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

Not applicable for product as supplied.

## SECTION 15: Regulatory information

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

Relevant EU provisions transposed through retained EU law

UK REACH List of restrictions (Annex 17)	:	Conditions of restriction for the following entries should be considered: Number on list 3
UK REACH Candidate list of substances of very high concern (SVHC) for Authorisation	:	Not applicable
The Persistent Organic Pollutants Regulations (retained Regulation (EU) 2019/1021 as amended for Great Britain)	:	Not applicable
Regulation (EC) No 1005/2009 on substances that deplete the ozone layer	:	Not applicable
UK REACH List of substances subject to authorisation (Annex XIV)	:	Not applicable
GB Export and import of hazardous chemicals - Prior Informed Consent (PIC) Regulation	:	Not applicable
Control of Major Accident Hazards Regulations 2015 (COMAH)	:	Not applicable
Volatile organic compounds	:	Directive 2004/42/EC Volatile organic compounds (VOC) content: 140 g/l

#### Other regulations:

Take note of The Management of Health and Safety at Work Regulations 1999 (requirements relating to new and expectant mothers at work contained in Regulation 16 to 18) and of the Pregnant Workers Directive 92/85/EEC.

Take note of The Management of Health and Safety at Work Regulations 1999 (requirements relating to protection of young people at work contained in Regulation 19) and of Directive 94/33/EC on the protection of young people at work.

### 15.2 Chemical safety assessment

A Chemical Safety Assessment is not required for this substance.

## SECTION 16: Other information

#### Full text of H-Statements

H302	:	Harmful if swallowed.
H315	:	Causes skin irritation.
H317	:	May cause an allergic skin reaction.
H318	:	Causes serious eye damage.

# SAFETY DATA SHEET

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## TESSAROL ACRYLIC PRIMER UNI white

Version	Revision Date:	SDS Number:	Date of last issue: 30.01.2024
3.0	08.03.2024	MAT000480815	Date of first issue: 18.05.2020
		GB/EN	

H400 : Very toxic to aquatic life.  
H410 : Very toxic to aquatic life with long lasting effects.  
H411 : Toxic to aquatic life with long lasting effects.

### Full text of other abbreviations

Acute Tox. : Acute toxicity  
Aquatic Acute : Short-term (acute) aquatic hazard  
Aquatic Chronic : Long-term (chronic) aquatic hazard  
Eye Dam. : Serious eye damage  
Skin Irrit. : Skin irritation  
Skin Sens. : Skin sensitisation  
2004/37/EC : Europe. Directive 2004/37/EC on the protection of workers from the risks related to exposure to carcinogens or mutagens at work  
GB EH40 : UK. EH40 WEL - Workplace Exposure Limits  
2004/37/EC / TWA : Long term exposure limit  
GB EH40 / TWA : Long-term exposure limit (8-hour TWA reference period)

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of very high concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

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## TESSAROL ACRYLIC PRIMER UNI white

Version	Revision Date:	SDS Number:	Date of last issue: 30.01.2024
3.0	08.03.2024	MAT000480815 GB/EN	Date of first issue: 18.05.2020

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### Further information

#### Classification of the mixture:

Aquatic Chronic 3

H412

#### Classification procedure:

Calculation method

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.