



## Safety Data Sheet according to Regulation (EC) 'No. 2020/878

### SECTION 1: Identification of the Substance/Mixture and of the Company/Undertaking

<b>1.1 Product Identifier</b>	J0030931A	<b>Revision Date:</b>	21-05-2026
<b>Product Name:</b>	THERMALINE 550 EN PART A	<b>Supersedes Date:</b>	23-06-2025
		<b>Version Number:</b>	5
<b>UFI Code:</b>	TFTE-5U4H-3G0H-DX8U		
<b>Contain nanoform:</b>	Yes		
<b>1.2 Relevant identified uses of the substance or mixture and uses advised against</b>	Base component of 2 components coating - Industrial use. Please see Technical Data Sheet. Advised against: others than recommended		
<b>Product to be mixed with:</b>	THERMALINE 550 EN - PART B		
<b>Mixing ratio by volume Part A/ Part B:</b>	2 / 1		
<b>1.3 Details of the supplier of the safety data sheet</b>			
<b>Supplier:</b>	Carboline Italia, S.p.a. Via Margherita Viganò De Vizzi, 77 20092 Cinisello Balsamo (MI) Italy		
	Regulatory / Technical Information: +32 67493710 Nivelles, Belgium +39 0294759236 Cinisello Balsamo, Italy		
	regulatoryeurope@carboline.com		
<b>1.4 Emergency telephone number:</b>	CHEMTREC +1 703 5273887(Outside US) 112(24 / 7) Croatia +3851 2348 342(24 / 7 In Croatian And English) Iceland 112(24 / 7) Malta 112(24 / 7)		

### SECTION 2: Hazards Identification

#### 2.1 Classification of the substance or mixture

Classification according to Classification, Labeling & Packaging Regulation (EC) 1272/2008



Based on the available data, the product does not contain substances identified as having endocrine disrupting properties according to Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 in concentration of 0,1% or higher.

### SECTION 3: Composition/Information On Ingredients

#### 3.1 Substances

Not applicable

#### 3.2 Mixtures

##### Hazardous ingredients

<u>Name According to EEC</u> <u>EINEC No.</u> <u>CAS-No.</u> <u>REACH Reg No.</u>	<u>%</u>	<u>Classifications</u>	SCL Value:	ATE Value:	M-Factor:
poly(bisphenol a-co-epichlorohydrin), glycidyl end-capped 607-500-3 25036-25-3 -	25 - <50	H315-317-319  Eye Irrit. 2, Skin Irrit. 2, Skin Sens. 1	SCL Value: -	ATE Value: -	M-Factor: (acute) - M-Factor: (chronic) -
1-methoxypropan-2-ol 203-539-1 107-98-2 01-2119457435-35 603-064-00-3	10 - <25	H226-336  Flam. Liq. 3, STOT SE 3 NE	SCL Value: -	ATE Value: -	M-Factor: (acute) - M-Factor: (chronic) -

talc 238-877-9 14807-96-6 - -	10 - <25		SCL Value: -  ATE Value: -  M-Factor: (acute) -  M-Factor: (chronic) -	
n-butyl acetate 204-658-1 123-86-4 01-2119485493-29 607-025-00-1	2.5 - <10	H226-336  Flam. Liq. 3, Skin Cracking, STOT SE 3 NE	SCL Value: -  ATE Value: -  M-Factor: (acute) -  M-Factor: (chronic) -	
bis[4-(2,3-epoxypropoxy)phenyl] propane 216-823-5 1675-54-3 01-2119456619-26 603-073-00-2	2.5 - <10	H315-317-319-411  Aquatic Chronic 2, Eye Irrit. 2, Skin Irrit. 2, Skin Sens. 1	SCL Value: H319: C ≥ 5 %; H315: C ≥ 5 %  ATE Value: -  M-Factor: (acute) -  M-Factor: (chronic) -	
titanium dioxide 236-675-5 13463-67-7 01-2119489379-17	1.0 - <2.5		SCL Value: -  ATE Value: -  M-Factor: (acute) -  M-Factor: (chronic) -	

carbon black 215-609-9 1333-86-4 01-2119384822-32	1.0 - <2.5		SCL Value: -  ATE Value: -  M-Factor: (acute) -  M-Factor: (chronic) -
oic acid, reaction products with 1,3-benzenedimethanamine and hexamethylenediamin 432-840-2 220926-97-6 01-0000017900-73 616-201-00-7	1.0 - <2.5	H332-373-413  Acute Tox. 4 Inhalation, Aquatic Chronic 4, STOT RE 2	SCL Value: -  ATE Value: -  M-Factor: (acute) -  M-Factor: (chronic) -

**NANOFORMS**

carbon black  
 1333-86-4  
 215-609-9

**Distribution**

D10: 6-30 nm  
 D50: 10-53 nm  
 D90: 23-144 nm

Shape: Spheroidal

Crystallinity: No

Treatment of the surface:

iron hydroxide oxide yellow  
 51274-00-1  
 257-098-5

**Distribution**

D10 = 40 nm ± 10 nm  
 D50 = 75 nm ± 25 nm  
 D90 = 160 nm ± 40 nm

Shape: Rods

Crystallinity: No

Treatment of the surface:

**Additional Information:**

The text for CLP Hazard Statements shown above (if any) is given in Section 16.

## SECTION 4: First-aid Measures

### 4.1 Description of First Aid Measures

**GENERAL NOTES:** When symptoms persist or in all cases of doubt seek medical advice.

**AFTER INHALATION:** Move to fresh air. Consult a physician after significant exposure.

**AFTER SKIN CONTACT:** Use a mild soap if available. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If skin irritation persists, call a physician.

**AFTER EYE CONTACT:** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses.

**AFTER INGESTION:** Gently wipe or rinse the inside of the mouth with water. Do NOT induce vomiting. Leave fasting. Never give anything by mouth to an unconscious person.

#### Self protection of the first aider:

No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

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

Irritating to eyes. Irritating to skin. May cause sensitization by skin contact. Vapours may cause drowsiness and dizziness.

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

No information available on clinical testing and medical monitoring. Specific toxicological information on substances, if available, can be found in section 11.

## SECTION 5: Firefighting Measures

### 5.1 Extinguishing Media:

Carbon Dioxide, Dry Chemical, Foam

**FOR SAFETY REASONS NOT TO BE USED:** Alcohol, Alcohol based solutions, any other media not listed above.

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

No Information

### 5.3 Advice for firefighters

Flash back possible over considerable distance. In the event of fire, wear self-contained breathing apparatus. Do not use a solid water stream as it may scatter and spread fire. Hazardous decomposition products formed under fire conditions. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

## SECTION 6: Accidental Release Measures

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

#### 6.1.1 For non-emergency personnel

Ensure adequate ventilation. Use personal protective equipment. Remove all sources of ignition.

#### 6.1.2 For emergency responders

See Section 7, 8 and 10 for further information.

### 6.2 Environmental precautions

Do not allow material to contaminate ground water system. Prevent product from entering drains.

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

Prevent further leakage or spillage if safe to do so. Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

### 6.4 Reference to other sections

**FURTHER INSTRUCTIONS:** Please refer to EU disposal requirements or country specific disposal requirements for this material. See Section 8 and 13 for further information.

## SECTION 7: Handling and Storage

### 7.1 Precautions for safe handling

Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours). Vapours may form explosive mixtures with air. Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentration higher than the occupational exposure limits. Electrical equipment should be protected to the appropriate standard. Preparation may charge electrostatically; always use earthing leads when transferring from one container to another. Use only in area provided with appropriate exhaust ventilation. To avoid ignition of vapours by static electricity discharge, all metal parts of the equipment must be grounded. Wear personal protective equipment. Do not breathe vapours or spray mist. Use only explosion-proof equipment. Keep away from sources of ignition - No smoking. Wash hands before breaks and at the end of workday. When using, do not eat, drink or smoke.

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

**CONDITIONS TO AVOID:** Direct sources of heat.

**STORAGE CONDITIONS:** Store in original container. Keep locked up or in an area accessible only to qualified or authorised persons. Store in a dry, well ventilated place away from sources of heat, ignition and direct sunlight.

### 7.3 Specific end use(s)

No specific advice for end use available.

## SECTION 8: Exposure Controls/Personal Protection

### 8.1 Control parameters

#### Ingredients with Occupational Exposure Limits (EU)

<u>Name</u>	<u>CAS-No.</u>	<u>LTEL ppm</u>	<u>STEL ppm</u>	<u>STEL mg/m3</u>	<u>LTEL mg/m3</u>
poly(bisphenol a-co-epichlorohydrin), glycidyl end-capped	25036-25-3				
1-methoxypropan-2-ol	107-98-2	100	150	568	375
talc	14807-96-6				
n-butyl acetate	123-86-4	50	150	723	241
bis[4-(2,3-epoxypropoxy)phenyl]propane	1675-54-3				
titanium dioxide	13463-67-7				
carbon black	1333-86-4				
oic acid, reaction products with 1,3-benzenedimethanamine and hexamethylenediamin	220926-97-6				

<u>Name</u>	<u>CAS-No.</u>	<u>OEL Note</u>
poly(bisphenol a-co-epichlorohydrin), glycidyl end-capped	25036-25-3	
1-methoxypropan-2-ol	107-98-2	Sk
talc	14807-96-6	
n-butyl acetate	123-86-4	
bis[4-(2,3-epoxypropoxy)phenyl]propane	1675-54-3	
titanium dioxide	13463-67-7	
carbon black	1333-86-4	
oic acid, reaction products with 1,3-benzenedimethanamine and hexamethylenediamin	220926-97-6	

**FURTHER ADVICE:** Refer to the regulatory exposure limits for the workforce enforced in each country. Some components may not have been classified under the EU CLP Regulation.

**Chemical Name:**

1-methoxypropan-2-ol

**EC No.:**

203-539-1

**CAS-No.:**

107-98-2

**DNELs - Derived no effect level**

Route of Exposure	Workers				Consumers			
	Acute effect local	Acute effects systemic	Chronic effects local	Chronic effects systemic	Acute effect local	Acute effects systemic	Chronic effects local	Chronic effects systemic
Oral	Not required						3.3 mg/kg	
Inhalation	553.5 mg/m <sup>3</sup>	553.5 mg/m <sup>3</sup>		369 mg/m <sup>3</sup>				43.9 mg/m <sup>3</sup>
Dermal				183 mg/kg bw/day				18.1 mg/kg

**PNEC's - Predicted no effect concentration**

Environmental protection target	PNEC
Fresh water	10 mg/l
Fresh water sediments	100 mg/l
Marine water	1 mg/l
Marine sediments	5.2 mg/kg
Food chain	
Microorganisms in sewage treatment	
soil (agricultural)	5.49 mg/kg
Air	

**Chemical Name:**

n-butyl acetate

**EC No.:**

204-658-1

**CAS-No.:**

123-86-4

**DNELs - Derived no effect level**

Route of Exposure	Workers				Consumers			
	Acute effect local	Acute effects systemic	Chronic effects local	Chronic effects systemic	Acute effect local	Acute effects systemic	Chronic effects local	Chronic effects systemic
Oral	Not required							2 mg/kg bw/day -neurotoxicity-
Inhalation	300 mg/m <sup>3</sup> (irritation (respiratory tract))	600 mg/m <sup>3</sup>	300 mg/m <sup>3</sup>	48 mg/m <sup>3</sup>	300 mg/m <sup>3</sup> (irritation (respiratory tract))	300 mg/m <sup>3</sup> (irritation (respiratory tract))	35.7 mg/m <sup>3</sup> (irritation (respiratory tract))	12 mg/m <sup>3</sup>
Dermal		11 mg/kg bw/day -neurotoxicity-		7 mg/kg bw/day	No hazard identified	6 mg/kg bw/day -neurotoxicity		3.4 mg/kg bw/day

**PNEC's - Predicted no effect concentration**

Environmental protection target	PNEC
Fresh water	0.18 mg/l
Fresh water sediments	0.981 mg/kg
Marine water	0.018 mg/l
Marine sediments	0.0981 mg/kg
Food chain	
Microorganisms in sewage treatment	35.6 mg/L
soil (agricultural)	0.0903 mg/kg
Air	

**Chemical Name:**

bis[4-(2,3-epoxypropoxy)phenyl]propane

**EC No.:**

216-823-5

**CAS-No.:**

1675-54-3

**DNELs - Derived no effect level**

Route of Exposure	Workers				Consumers			
	Acute effect local	Acute effects systemic	Chronic effects local	Chronic effects systemic	Acute effect local	Acute effects systemic	Chronic effects local	Chronic effects systemic
Oral	Not required					0.75 mg/kg bw/day		0.75 mg/kg bw/day
Inhalation		12.25 mg/m3		12.25 mg/m3				
Dermal		8.33 mg/kg bw/day		8.33 mg/kg bw/day		3.571 mg/kg bw/day		3.571 mg/kg bw/day

**PNEC's - Predicted no effect concentration**

Environmental protection target	PNEC
Fresh water	0.006 mg/l
Fresh water sediments	0.996 mg/L
Marine water	0.0006 mg/l
Marine sediments	0.0996 mg/kg
Food chain	
Microorganisms in sewage treatment soil (agricultural)	0.196 mg/kg
Air	

**Chemical Name:**

titanium dioxide

**EC No.:**

236-675-5

**CAS-No.:**

13463-67-7

**DNELs - Derived no effect level**

Route of Exposure	Workers				Consumers			
	Acute effect local	Acute effects systemic	Chronic effects local	Chronic effects systemic	Acute effect local	Acute effects systemic	Chronic effects local	Chronic effects systemic
Oral	Not required							700 mg/kg/ bw/day
Inhalation			5 mg/m <sup>3</sup>				5 mg/m <sup>3</sup>	
Dermal								

**PNEC's - Predicted no effect concentration**

Environmental protection target	PNEC
Fresh water	0.127 mg/L
Fresh water sediments	1000 mg/kg dw
Marine water	1 mg/L
Marine sediments	100 mg/kg dw
Food chain	1667 mg/kg (oral)
Microorganisms in sewage treatment soil (agricultural)	100 mg/kg
Air	100 mg/kg dw

**Chemical Name:**

oic acid, reaction products with 1,3-benzenedimethanamine and hexamethylenediamin

**EC No.:**  
432-840-2**CAS-No.:**  
220926-97-6**DNELs - Derived no effect level**

Route of Exposure	Workers				Consumers			
	Acute effect local	Acute effects systemic	Chronic effects local	Chronic effects systemic	Acute effect local	Acute effects systemic	Chronic effects local	Chronic effects systemic
Oral	Not required							
Inhalation	51.3 mg/m3		0.33 mg/m3		25.7 mg/m3		0.08 mg/m3	
Dermal								

**PNEC's - Predicted no effect concentration**

Environmental protection target	PNEC
Fresh water	
Fresh water sediments	
Marine water	
Marine sediments	
Food chain	
Microorganisms in sewage treatment	
soil (agricultural)	
Air	

**8.2 Exposure controls****Personal Protection**

**RESPIRATORY PROTECTION:** Respirator with a vapor filter. Wear respiratory protection with combination filter (dust and gas filter, EN 14387:2004+A1:2008) during spraying operations: Gas filter type A2 (organic substances). Dust filter P3 (for fine dust).

**EYE PROTECTION:** Tightly fitting safety goggles.

**HAND PROTECTION:** Rubber or plastic gloves. Nitrile rubber. Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact). Protective gloves complying with EN 374. Rubber or plastic apron.

**Body Protection:** Long sleeved clothing.  
Remove and wash contaminated clothing before re-use.

**OTHER PROTECTIVE EQUIPMENT:** No Information

**ENGINEERING CONTROLS:** Avoid contact with skin, eyes and clothing. Ensure adequate ventilation, especially in confined areas.

**SECTION 9: Physical and Chemical Properties****9.1 Information on basic physical and chemical properties**

<b>Colour:</b>	GREY
<b>Physical State</b>	Liquid
<b>Odor</b>	Solvent
<b>Odor threshold</b>	Not determined
<b>pH</b>	Not determined
<b>Melting point / freezing point (°C)</b>	Not determined
<b>Boiling point or initial boiling point and boiling range (°C)</b>	120 - 126
<b>Flash Point, (°C)</b>	27
<b>Evaporation rate</b>	Not determined
<b>Flammability (solid, gas)</b>	Not determined

<b>Lower and upper explosive limit</b>	Not determined
<b>Vapour Pressure</b>	Not determined
<b>Relative vapour density</b>	Not determined
<b>Density and/or relative density</b>	1.25
<b>Solubility in / Miscibility with water</b>	Not determined
<b>Partition coefficient: n-octanol/water</b>	Not determined
<b>Auto-ignition temperature (°C)</b>	415
<b>Decomposition temperature (°C)</b>	Not determined
<b>Kinematic viscosity</b>	Not determined
<b>Explosive properties</b>	Not determined
<b>Oxidising properties</b>	Not determined
<b>Particle characteristics</b>	Not applicable to liquids

**Nanoform in mixture**

carbon black 1333-86-4 215-609-9	Solubility: Insoluble NoctanoWater: Not determined Partichle Characteristics: See sec. 3.2
iron hydroxide oxide yellow 51274-00-1 257-098-5	Solubility: Insoluble NoctanoWater: Not determined Partichle Characteristics: See sec. 3.2

**9.2 Other information**

<b>Specific Gravity (g/cm3)</b>	1.25
<b>VOC Directive 2010/75/UE</b>	No Information

**SECTION 10: Stability and Reactivity****10.1 Reactivity**

No reactivity hazards known under normal storage and use conditions.

**10.2 Chemical stability**

Stable under recommended storage conditions. Risk of ignition.

**10.3 Possibility of hazardous reactions**

No Information

**10.4 Conditions to avoid**

Direct sources of heat.

**10.5 Incompatible materials**

Strong oxidizing agents.

**10.6 Hazardous decomposition products**

Carbon dioxide (CO<sub>2</sub>), carbon monoxide (CO), oxides of nitrogen (NO<sub>x</sub>), dense black smoke.

## SECTION 11: Toxicological information

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

#### Acute Toxicity:

Oral LD50:	No information available.
Inhalation LC50:	No information available.
Dermal LD50:	No information available.

**Irritation:** May cause skin and eye irritation.

**Corrosivity:** No information available.

**Sensitization:** May cause an allergic skin reaction.

**Repeated dose toxicity:** No information available.

**Carcinogenicity:** No information available.

**Mutagenicity:** No information available.

**Toxicity for reproduction:** No information available.

**STOT-single exposure:** Vapour/spray mist may irritate respiratory system and lungs.

**STOT-repeated exposure:** No information available.

**Aspiration hazard:** No information available.

If no information is available above under Acute Toxicity then the acute effects of this product have not been tested.  
Data on individual components are tabulated below:

<u>CAS-No.</u>	<u>Name According to EEC</u>	<u>Oral LD50</u>	<u>Dermal LD50</u>	<u>Vapor LC50</u>	<u>Gas LC50</u>	<u>Dust/Mist LC50</u>
25036-25-3	poly(bisphenol a-co-epichlorohydrin), glycidyl end-capped	>2000 mg/kg (oral-rat)	>2000 mg/kg (dermal-rat)	No information	No information	No information
107-98-2	1-methoxypropan-2-ol	4016 mg/kg (oral-rat)	>2000 mg/kg (dermal-rat)	21 mg/l	> 20000 ppm	No information
123-86-4	n-butyl acetate	10760 mg/kg (rat-oral)	14112 mg/Kg (rabbit-dermal)	23 mg/l/4/h (rat)	> 20000 ppm	No information
1675-54-3	bis[4-(2,3-epoxypropoxy)phenyl]propane	5000 mg/kg (oral-rat)	>2000 mg/kg (dermal, rat M-F)	>20	No information	No information
13463-67-7	titanium dioxide	>5000 mg/kg (oral-rat)	10000 mg/kg	No information	No information	>6.82 mg/L (inh-rat-4h)
1333-86-4	carbon black	>15400 mg/kg oral, rat	No information	No information	No information	No information
220926-97-6	oic acid, reaction products with 1,3-benzenedimethanamine and hexamethylenediamin	>2000 mg/kg, rat (24 hr.)	>2000 mg/kg, rat (24 hr.)	3650 mg/m <sup>3</sup> , rat (4 hr.)	No information	No information

#### Additional Information:

No Information

### 11.2 Information on other hazards

**Endocrine disrupting properties - Toxicity**

<b>Name According to EEC</b>	<b>CAS-No.</b>
------------------------------	----------------

Based on the available data, the product does not contain substances identified as having endocrine disrupting properties according to Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 in concentration of 0,1% or higher.

**SECTION 12: Ecological Information****12.1 Toxicity:**

EC50 48hr (Daphnia):	No information
IC50 72hr (Algae):	No information
LC50 96hr (fish):	No information

**12.2 Persistence and degradability:** No information

**12.3 Bioaccumulative potential:** No information

**12.4 Mobility in soil:** No information

**12.5 Results of PBT and vPvB assessment:** The product does not meet the criteria for PBT/vPvB in accordance with Annex XIII.

**12.6 Endocrine disrupting properties****Endocrine disrupting properties - Ecotoxicity**

<b>Name According to EEC</b>	<b>CAS-No.</b>
------------------------------	----------------

Based on the available data, the product does not contain substances identified as having endocrine disrupting properties according to Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 in concentration of 0,1% or higher.

**12.7 Other adverse effects:** No information

<u>CAS-No.</u>	<u>Name According to EEC</u>	<u>EC50 48hr</u>	<u>IC50 72hr</u>	<u>LC50 96hr</u>
107-98-2	1-methoxypropan-2-ol	>21000 mg/L (Daphnia)	No information	6812 mg/L (Leuciscus idus)
123-86-4	n-butyl acetate	44 mg/L (Daphnia)	648 mg/L (Desmodesmus subspicatus)	18 mg/L (Pimephales promelas)
1675-54-3	bis[4-(2,3-epoxypropoxy)phenyl]propane	1.8 mg/l (Daphnia magna, EC50, 48h,static)	11 mg/l (Scenedesmus capricornutum,EC50r, 72h)	1.5 mg/L (Rainbow trout), 3.6 mg/L (fish)
13463-67-7	titanium dioxide	>1000 mg/L (LC50, statisk, Daphnia magna, OECD202)	>100 mg/L (EC50, statisk, Pseudokirchnerella subcapitata, OECD201)	>1000 mg/L (LC50, statisk, Pimephales promelas, EPA-540/9-85-006)
1333-86-4	carbon black	No information	10,000 mg/l	> 1,000 mg/l (Brachidanio rerio)
220926-97-6	oic acid, reaction products with 1,3-benzenedimethanamine and hexamethylenediamin	>100 mg/L (Daphnia magna)	>100 mg/L (Pseudokirchneriella subcapitata)	>100 mg/L (Oncorhyncus mykiss)

**SECTION 13: Disposal Considerations**

**13.1 WASTE TREATMENT METHODS:** Do not burn, or use a cutting torch on, the empty drum. If recycling is not practicable, dispose of in compliance with local regulations. Empty containers should be taken to an approved waste handling site for recycling or disposal.

**European Waste Code:** No Information  
**Packaging Waste Code:** No Information

**SECTION 14: Transport Information**

	ADR/RID	ADN	IMDG	IATA
<b>14.1 UN-number or ID number</b>	UN1263	UN1263	UN1263	UN1263
<b>14.2 UN proper shipping name</b>	PAINT	PAINT	PAINT	PAINT
<b>14.3 Transport Hazard Class(es)</b>	3	3	3	3
<b>14.4 Packing Group</b>	III	III	III	III
<b>14.5 Enviromental Hazards</b>	NO	NO	Marine Pollutant: NO	NO

**14.6 Special precautions for user** Not applicable  
**EmS-No.:** F-E, S-E

**14.7 Maritime transport in bulk according to IMO intruments** Not applicable

**SECTION 15: Regulatory Information**

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

**National Regulations:**

**Denmark Product Registration Number:** Not available

**Danish MAL Code:** Not available

**Danish MAL Code - Mixture:** Not available

**Sweden Product Registration Number:**

	Not available
<b>Norway Product Registration Number:</b>	Not available
<b>Germany WGK Class:</b>	Not available
<b>Directive 2004/42/CE:</b>	VOC ready to use 493 g/L with 5% of thinner (subcat j:500 g/L)
<b>Covered by Directive 2012/18/EC (Seveso III):</b>	P5c
<b>Restrictions to product or to substances according to Annex XVII, Regulation (CE) 1907/2006:</b>	Entry 3, 40

**Annex XIV, Regulation (CE) 1907/2006 - Authorisation List:****CAS-No.      Name According to EEC**

Not Applicable

**SVHC - Substances of very high concern (Candidate List - Art. 59 REACH):****CAS-No.      Name According to EEC**

Not Applicable

**15.2 Chemical Safety Assessment:**

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

**SECTION 16: Other Information****Text for CLP Hazard Statements shown in Section 3 describing each ingredient:**

H226	Flammable liquid and vapour.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H336	May cause drowsiness or dizziness.
H373	May cause damage to organs through prolonged or repeated exposure.
H411	Toxic to aquatic life with long lasting effects.
H413	May cause long lasting harmful effects to aquatic life.

**Reasons for revision**

Composition Information Changed  
 Substance and/or Product Properties Changed in Section(s):  
 01 - Identification  
 03 - Composition/Information On Ingredients  
 08 - Exposure Controls/Personal Protection  
 09 - Physical and Chemical Properties  
 15 - Regulatory Information  
 Substance Regulatory CAS Number Changed  
 Substance Hazardous Flag Changed  
 Substance Hazard Threshold % Changed  
 Revision Statement(s) Changed

This Safety Data Sheet (SDS) has been revised to meet the new EU CLP requirements. There have been both formatting and content changes based on the CLP classification (if applicable), please review each section of the SDS for specific changes.

**List of References:**

This Safety Data Sheet was compiled with data and information from the following sources:

- The Ariel Regulatory Database provided by the 3E Corporation in Copenhagen, Denmark.
- Joint Research Centre in Ispra, Italy.
- Regulation (EC) 1272/2008 with subsequent amendments.
- Regulation (EC) 1272/2006 with subsequent amendments.
- Commission Regulation (EU) 2020/878
- EU Council Decision 2000/532/EC and its Annex entitled "List of Wastes"
- Safety Data Sheet from raw material supplier
- The classification declared in sec. 2.2 is based on the calculation methods set out in Annex I and Annex II of the CLP Reg. 1272/2008 on the composition of the formula.

**Acronym & Abbreviation Key:**

CLP	Classification, Labeling & Packaging Regulation
EC	European Commission
EU	European Union
US	United States
CAS	Chemical Abstract Service
EINECS	European Inventory of Existing Chemical Substances
REACH	Registration, Evaluation, Authorization of Chemicals Regulation
GHS	Globally Harmonized System of Classification and Labeling of Chemicals
LTEL	Long term exposure limit
STEL	Short term exposure limit
OEL	Occupational exposure limit
ppm	Parts per million
mg/m <sup>3</sup>	Milligrams per cubic meter
TLV	Threshold Limit Value
ACGIH	American Conference of Governmental Industrial Hygienists
OSHA	Occupational Safety & Health Administration
PEL	Permissible Exposure Limits
VOC	Volatile organic compounds
g/l	Grams per liter
mg/kg	Milligrams per kilogram
N/A	Not applicable
LD50	Lethal dose at 50%
LC50	Lethal concentration at 50%
EC50	Half maximal effective concentration
IC50	Half maximal inhibitory concentration
PBT	Persistent bioaccumulative toxic chemical
vPvB	Very persistent and very bioaccumulative
EEC	European Economic Community
ADR	International Transport of Dangerous Goods by Road
RID	International Transport of Dangerous Goods by Rail
UN	United Nations

IMDG International Maritime Dangerous Goods Code  
IATA International Air Transport Association  
MARPOL International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978  
IBC International Bulk Container  
RTI Respiratory Tract Irritation  
NE Narcotic Effects  
IMO International Maritime Organization  
Note P: The classification as a carcinogen or mutagen need not apply; the substance contains less than 0,1 % w/w benzene  
Note 10: The classification as a carcinogen by inhalation applies only to mixtures in powder form containing 1 % or more of titanium dioxide which is in the form of or incorporated in particles with aerodynamic diameter  $\leq 10 \mu\text{m}$ .

For further information, please contact: Technical Services Department

The information on this sheet corresponds to our present knowledge. It is not a specification and it does not guarantee specific properties. The information is intended to provide general guidance as to health and safety based upon our knowledge of the handling, storage, and use of the product. It is not applicable to unusual or non-standard uses of the product or where instructions and recommendations are not followed.