

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Superplast Topcoat 6D973, RAL7035

Revision date: 16.03.2022

Product code: A1018045

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

##### 1.1. Product identifier

Superplast Topcoat 6D973, RAL7035

Product group: Produkt

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

###### Use of the substance/mixture

topcoat pigmented

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

Company name: Bergolin GmbH & Co. KG  
Street: Sachsenring 1  
Place: D-27711 Osterholz-Scharmbeck  
Telephone: +49 4795 95899 0  
e-mail: info@bergolin.de  
e-mail (Contact person): sdb@bergolin.de  
Internet: www.bergolin.de  
Responsible Department: Sicherheitsdatenblattverwaltung

##### 1.4. Emergency telephone number:

+49 4795 95899 0

#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

###### Regulation (EC) No 1272/2008

Flam. Liq. 3; H226  
Aquatic Chronic 3; H412

Full text of hazard statements: see SECTION 16.

##### 2.2. Label elements

###### Regulation (EC) No 1272/2008

Signal word: Warning

Pictograms:



###### Hazard statements

H226 Flammable liquid and vapour.  
H412 Harmful to aquatic life with long lasting effects.

###### Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P273 Avoid release to the environment.  
P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.  
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.  
P403+P235 Store in a well-ventilated place. Keep cool.

###### Special labelling of certain mixtures

EUH208 Contains Bis (1,2,2,6,6-pentamethyl-4-piperidyl) sebacate, methyl 1,2,2,6,6-pentamethyl-4

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-piperidyl sebacate, Fatty acids, C14-18 and C16-18-unsaturated, maleated. May produce an allergic reaction.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

##### Chemical characterization

Polyurethan-Córas

##### Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (Regulation (EC) No 1272/2008)			
108-65-6	2-methoxy-1-methylethyl acetate			10 - < 15 %
	203-603-9	607-195-00-7	01-2119475791-29	
	Flam. Liq. 3, STOT SE 3; H226 H336			
64742-95-6	Solvent naphtha (petroleum), light aromatic, benzene content < 0,1%			5 - < 10 %
			01-2119455851-35	
	Flam. Liq. 3, STOT SE 3, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H226 H335 H336 H304 H411			
123-86-4	n-butyl acetate			1 - < 5 %
	204-658-1	607-025-00-1	01-2119485493-29	
	Flam. Liq. 3, STOT SE 3; H226 H336 EUH066			
	Hydrocarbons, C9, aromatics			1 - < 5 %
	918-668-5		01-2119455851-35	
	Flam. Liq. 3, STOT SE 3, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H226 H335 H336 H304 H411 EUH066			
41556-26-7	Bis (1,2,2,6,6-pentamethyl-4-piperidyl) sebacate			< 1 %
	255-437-1			
	Skin Sens. 1, Aquatic Acute 1, Aquatic Chronic 1; H317 H400 H410			
82919-37-7	methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate			< 1 %
	280-060-4			
	Skin Sens. 1, Aquatic Acute 1, Aquatic Chronic 1; H317 H400 H410			
85711-46-2	Fatty acids, C14-18 and C16-18-unsaturated, maleated			< 1 %
	288-306-2		01-2119976378-19	
	Skin Irrit. 2, Skin Sens. 1; H315 H317			

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

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#### Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
		Specific Conc. Limits, M-factors and ATE	
108-65-6	203-603-9	2-methoxy-1-methylethyl acetate	10 - < 15 %
		dermal: LD50 = >5000 mg/kg; oral: LD50 = 6190 mg/kg	
64742-95-6		Solvent naphtha (petroleum), light aromatic, benzene content < 0,1%	5 - < 10 %
		dermal: LD50 = >3160 mg/kg; oral: LD50 = 3592 mg/kg	
123-86-4	204-658-1	n-butyl acetate	1 - < 5 %
		inhalation: LC50 = >21 mg/l (vapours); dermal: LD50 = 14112 mg/kg; oral: LD50 = 10760 mg/kg	
	918-668-5	Hydrocarbons, C9, aromatics	1 - < 5 %
		dermal: LD50 = >2000 mg/kg; oral: LD50 = >2000 mg/kg	
85711-46-2	288-306-2	Fatty acids, C14-18 and C16-18-unsaturated, maleated	< 1 %
		oral: LD50 = >2000 mg/kg	

#### SECTION 4: First aid measures

##### 4.1. Description of first aid measures

###### General information

In all cases of doubt, or when symptoms persist, seek medical advice.  
Never give anything by mouth to an unconscious person or a person with cramps.  
If unconscious place in recovery position and seek medical advice.

###### After inhalation

Remove casualty to fresh air and keep warm and at rest.  
In case of irregular breathing or respiratory arrest provide artificial respiration.

###### After contact with skin

Change contaminated clothing.  
After contact with skin, wash immediately with plenty of water and soap.  
Do not wash with: Solvent/Thinner. In case of skin reactions, consult a physician.

###### After contact with eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.  
Continue rinsing. Seek medical advice immediately.

###### After ingestion

If swallowed, rinse mouth with water (only if the person is conscious).  
Call a physician immediately.  
Put victim at rest, cover with a blanket and keep warm.  
Do NOT induce vomiting.

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

First Aid, decontamination, treatment of symptoms.

#### SECTION 5: Firefighting measures

##### 5.1. Extinguishing media

###### Suitable extinguishing media

alcohol resistant foam. Carbon dioxide. Powder. Water fog.

###### Unsuitable extinguishing media

High power water jet.

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

Burning produces heavy smoke.  
Hazardous decomposition products: Danger of serious damage to health by prolonged exposure.  
Use appropriate respiratory protection.

##### 5.3. Advice for firefighters

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Use water spray jet to protect personnel and to cool endangered containers.  
Do not allow water used to extinguish fire to enter drains or waterways.

#### SECTION 6: Accidental release measures

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

###### General advice

Keep away from sources of ignition - No smoking. Ventilate affected area.  
Avoid breathing dust/fume/gas/mist/vapours/spray.  
See protective measures under point 7 and 8.

##### 6.2. Environmental precautions

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.  
In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

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

###### Other information

Prevent spread over a wide area (e.g. by containment or oil barriers). Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).  
Collect in closed containers for disposal.  
Clean with detergents. Avoid solvent cleaners.

##### 6.4. Reference to other sections

Safe handling: see section 7  
Personal protection equipment: see section 8  
Disposal: see section 13

#### SECTION 7: Handling and storage

##### 7.1. Precautions for safe handling

###### Advice on safe handling

In use, may form flammable/explosive vapour-air mixture.  
Only use the material in places where open light, fire and other flammable sources can be kept away.  
Use explosion-proof machinery, apparatus, ventilation facilities, tools etc. Provide earthing of containers, equipment, pumps and ventilation facilities. Use non-sparking tools.  
Wear antistatic work clothing.

Avoid contact with skin, eyes and clothes. Avoid breathing dust/fume/gas/mist/vapours/spray. When using do not eat, drink or smoke. Wear personal protection equipment.

Never use pressure to empty container. Keep/Store only in original container.

Do not allow to enter into surface water or drains. Avoid release to the environment.

###### Advice on protection against fire and explosion

Vapours are heavier than air and will spread at floor level.  
Vapours may form explosive mixtures with air.

###### Advice on general occupational hygiene

Use only in well-ventilated areas.  
When using do not eat, drink, smoke, sniff.  
Take off contaminated clothing and wash it before reuse.  
Wash hands and face before breaks and after work and take a shower if necessary.

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

###### Hints on joint storage

Do not store together with: Oxidizing agents. Strong acid, strong alkalis

###### Further information on storage conditions

Notice the directions for use on the label.

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Keep container tightly closed and in a well-ventilated place. Keep container dry.  
Keep away from sources of ignition - No smoking. Protect against direct sunlight.  
Access is only to be granted to authorised personal.  
Always close containers tightly after the removal of product.

#### 7.3. Specific end use(s)

No information available.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### Occupational exposure limits

CAS No	Substance	ppm	mg/m <sup>3</sup>	fib/cm <sup>3</sup>	Category	Origin
108-65-6	2-Methoxy-1-methylethylacetate	50	275		TWA (8 h)	
		100	550		STEL (15 min)	
7727-43-7	Barium sulphate, respirable dust	-	5		TWA (8 h)	
123-86-4	Butyl acetate	150	710		TWA (8 h)	
		200	950		STEL (15 min)	
-	Dust non-specific, total inhalable	-	10		TWA (8 h)	
13463-67-7	Titanium dioxide, total inhalable dust	-	10		TWA (8 h)	

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#### DNEL/DMEL values

CAS No	Substance	Exposure route	Effect	Value
13463-67-7	Titanium dioxide			
Worker DNEL, long-term		inhalation	local	10 mg/m <sup>3</sup>
Consumer DNEL, long-term		oral	systemic	700 mg/kg bw/day
108-65-6	2-methoxy-1-methylethyl acetate			
Worker DNEL, long-term		inhalation	systemic	275 mg/m <sup>3</sup>
Worker DNEL, long-term		dermal	systemic	796 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	33 mg/m <sup>3</sup>
Consumer DNEL, long-term		inhalation	local	33 mg/m <sup>3</sup>
Consumer DNEL, long-term		dermal	systemic	320 mg/kg bw/day
Consumer DNEL, long-term		oral	systemic	36 mg/kg bw/day
7727-43-7	barium sulfate			
Worker DNEL, long-term		inhalation	systemic	10 mg/m <sup>3</sup>
Worker DNEL, long-term		inhalation	local	10 mg/m <sup>3</sup>
Consumer DNEL, long-term		inhalation	systemic	10 mg/m <sup>3</sup>
Consumer DNEL, long-term		oral	systemic	13000 mg/kg bw/day
64742-95-6	Solvent naphtha (petroleum), light aromatic, benzene content < 0,1%			
Consumer DNEL, long-term		inhalation	systemic	32 mg/m <sup>3</sup>
Consumer DNEL, long-term		dermal	systemic	11 mg/kg bw/day
Consumer DNEL, long-term		oral	systemic	11 mg/kg bw/day
Worker DNEL, long-term		dermal	systemic	25 mg/kg bw/day
Worker DNEL, long-term		inhalation	systemic	150 mg/m <sup>3</sup>
123-86-4	n-butyl acetate			
Worker DNEL, acute		inhalation	systemic	600 mg/m <sup>3</sup>
Worker DNEL, acute		inhalation	local	600 mg/m <sup>3</sup>
Worker DNEL, long-term		inhalation	systemic	300 mg/m <sup>3</sup>
Worker DNEL, long-term		inhalation	local	300 mg/m <sup>3</sup>
Consumer DNEL, acute		inhalation	systemic	300 mg/m <sup>3</sup>
Consumer DNEL, acute		inhalation	local	300 mg/m <sup>3</sup>
Consumer DNEL, long-term		inhalation	systemic	35,7 mg/m <sup>3</sup>
Consumer DNEL, long-term		inhalation	local	35,7 mg/m <sup>3</sup>
Consumer DNEL, long-term		dermal	systemic	6 mg/kg bw/day
Consumer DNEL, acute		dermal	systemic	6 mg/kg bw/day
Consumer DNEL, long-term		oral	systemic	2 mg/kg bw/day
Consumer DNEL, acute		oral	systemic	2 mg/kg bw/day
Worker DNEL, long-term		dermal	systemic	11 mg/kg bw/day
Worker DNEL, acute		dermal	systemic	11 mg/kg bw/day
	Hydrocarbons, C9, aromatics			
Worker DNEL, long-term		dermal	systemic	25 mg/kg bw/day
Worker DNEL, long-term		inhalation	systemic	150 mg/m <sup>3</sup>

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Consumer DNEL, long-term	oral	systemic	11 mg/kg bw/day
Consumer DNEL, long-term	inhalation	systemic	32 mg/m <sup>3</sup>

#### PNEC values

CAS No	Substance	Value
13463-67-7	Titanium dioxide	
	Freshwater	0,184 mg/l
	Freshwater (intermittent releases)	0,193 mg/l
	Marine water	0,0184 mg/l
	Freshwater sediment	100 mg/kg
	Marine sediment	100 mg/kg
	Micro-organisms in sewage treatment plants (STP)	100 mg/l
	Soil	100 mg/kg
108-65-6	2-methoxy-1-methylethyl acetate	
	Freshwater	0,635 mg/l
	Marine water	0,064 mg/l
	Freshwater sediment	3,29 mg/kg
	Marine sediment	0,329 mg/kg
	Soil	0,29 mg/kg
7727-43-7	barium sulfate	
	Freshwater	0,115 mg/l
	Freshwater sediment	600,4 mg/kg
	Soil	207,7 mg/kg
123-86-4	n-butyl acetate	
	Freshwater	0,18 mg/l
	Freshwater (intermittent releases)	0,356 mg/l
	Marine water	0,018 mg/l
	Freshwater sediment	0,981 mg/kg
	Marine sediment	0,0981 mg/kg
	Micro-organisms in sewage treatment plants (STP)	35,6 mg/l
	Soil	0,093 mg/kg

#### 8.2. Exposure controls

##### Appropriate engineering controls

Provide adequate ventilation.

If handled uncovered, arrangements with local exhaust ventilation should be used if possible.

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

##### Individual protection measures, such as personal protective equipment

##### Eye/face protection

Wear eye/face protection.

##### Hand protection

The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. @0802.B08053, Breakthrough times and swelling properties of the material must be taken into consideration.

Suitable material: EN ISO 374

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rubair búitleach nó Viton (is gá go mbeadh resistance ar an ábhar agus See information supplied by the manufacturer. )

In case of prolonged or frequently repeated skin contact:  
penetration time (maximum wearing period):>480 min

Protective gloves have to be replaced at the first sign of deterioration.  
Protect skin by using skin protective cream.

#### Skin protection

Wear antistatic work clothing. (Natural fibres (e.g. cotton)/ heat-resistant synthetic fibres)

#### Respiratory protection

Respiratory protection necessary at: exceeding exposure limit values. Use appropriate respiratory protection.

#### Environmental exposure controls

Do not allow to enter into surface water or drains.

## SECTION 9: Physical and chemical properties

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

Physical state:	liquid
Colour:	grey
Odour:	characteristic

#### Test method

#### Changes in the physical state

Boiling point or initial boiling point and boiling range:	136 °C
Flash point:	38 °C DIN 53213
Lower explosion limits:	1,2 vol. %
Upper explosion limits:	10,6 vol. %
Auto-ignition temperature:	315 °C
Flow time: (at 20 °C)	67 6 DIN EN ISO 2431
Vapour pressure: (at 20 °C)	12 hPa
Vapour pressure: (at 50 °C)	21 hPa
Density (at 20 °C):	1,35 g/cm <sup>3</sup> DIN 53217

### 9.2. Other information

Solvent separation test:	<3 % (ADR/RID)
Solvent content:	30,64 %
Solid content:	69,36 %

#### Further Information

## SECTION 10: Stability and reactivity

### 10.3. Possibility of hazardous reactions

Exothermic reactions with: Oxidizing agents. Strong acid, strong alkalis



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#### 10.4. Conditions to avoid

In case of warming: Thermal decomposition.

#### 10.6. Hazardous decomposition products

Carbon monoxide Carbon dioxide. Nitrogen oxides (NOx).

### SECTION 11: Toxicological information

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

##### Acute toxicity

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
108-65-6	2-methoxy-1-methylethyl acetate				
	oral	LD50 mg/kg 6190	Rat		
	dermal	LD50 mg/kg >5000	Rat		
64742-95-6	Solvent naphtha (petroleum), light aromatic, benzene content < 0,1%				
	oral	LD50 mg/kg 3592	Rat		
	dermal	LD50 mg/kg >3160	Rabbit		
123-86-4	n-butyl acetate				
	oral	LD50 mg/kg 10760	Ratte		
	dermal	LD50 mg/kg 14112	Kaninchen		OECD 402
	inhalation (4 h) vapour	LC50 >21 mg/l	Ratte		OECD 403
	Hydrocarbons, C9, aromatics				
	oral	LD50 mg/kg >2000	Ratte		
	dermal	LD50 mg/kg >2000	Kaninchen		
85711-46-2	Fatty acids, C14-18 and C16-18-unsaturated, maleated				
	oral	LD50 mg/kg >2000	Rat		

##### Practical experience

Following inhalation:

May cause respiratory irritation. Potential hazards: Liver and kidney damage. Depression of the central nervous system. Symptoms: Headache. Dizziness. Causes drowsiness or dizziness. unconsciousness.

After skin contact:

The product is skin resorptive. Prolonged/repetitive skin contact may cause skin defatting or dermatitis.

Following eye contact:

Irritating to eyes. (reversible.)

after ingestion:

Nausea. vomiting. gastro-intestinal ailment.

##### Further information

There are no data available on the preparation/mixture itself.

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The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC).

## SECTION 12: Ecological information

### 12.1. Toxicity

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
108-65-6	2-methoxy-1-methylethyl acetate					
	Acute fish toxicity	LC50 134 mg/l	96 h	Oncorhynchus mykiss		
	Acute algae toxicity	ErC50 >1000 mg/l	72 h	Selenastrum capricornutum		
	Acute crustacea toxicity	EC50 >500 mg/l	48 h	Daphnia magna		
	Fish toxicity	NOEC 47,5 mg/l	14 d	Oryzias latipes (Ricefish)		OECD 202
	Crustacea toxicity	NOEC >100 mg/l	21 d	Daphnia magna		OECD 211
64742-95-6	Solvent naphtha (petroleum), light aromatic, benzene content < 0,1%					
	Acute fish toxicity	LC50 8,2 mg/l	96 h	Pimephales promelas		
	Acute algae toxicity	ErC50 3,1 mg/l	72 h	Pseudokirchnerella subcapitata		
	Acute crustacea toxicity	EC50 4,5 mg/l	48 h	Daphnia magna		
123-86-4	n-butyl acetate					
	Acute fish toxicity	LC50 18 mg/l	96 h	Pimephales promelas (fathead minnow)		
	Acute algae toxicity	ErC50 675 mg/l	72 h	Desmodesmus subspicatus		
	Acute crustacea toxicity	EC50 44 mg/l	48 h	Daphnia magna		
	Algae toxicity	NOEC 200 mg/l	3 d	Desmodesmus subspicatus		
	Crustacea toxicity	NOEC 23 mg/l	21 d	Daphnia magna		OECD 211
	Hydrocarbons, C9, aromatics					
	Acute fish toxicity	LL50 9,2 mg/l	96 h	Oncorhynchus mykiss (Rainbow trout)		
	Acute crustacea toxicity	EL50 3,2 mg/l	48 h	Daphnia magna (Big water flea)		
85711-46-2	Fatty acids, C14-18 and C16-18-unsaturated, maleated					
	Acute algae toxicity	ErC50 >100 mg/l	72 h	Pseudokirchnerella subcapitata		
	Acute crustacea toxicity	EC50 >100 mg/l	48 h	Daphnia magna		

### 12.2. Persistence and degradability

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CAS No	Chemical name	Method	Value	d	Source
		Evaluation			
108-65-6	2-methoxy-1-methylethyl acetate	OECD 302B	100%	28	
64742-95-6	Solvent naphtha (petroleum), light aromatic, benzene content < 0,1%	OECD Guideline 301 F (Manometric RespirometryTest)	77,05%	28	
		readily biodegradable			
123-86-4	n-butyl acetate	OECD 301D	80%	5	
		Readily biodegradable (according to OECD criteria).			

### 12.3. Bioaccumulative potential

#### Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
123-86-4	n-butyl acetate	2,3

#### BCF

CAS No	Chemical name	BCF	Species	Source
108-65-6	2-methoxy-1-methylethyl acetate	<100		
123-86-4	n-butyl acetate	15,3		

### 12.4. Mobility in soil

No information available.

### 12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

### 12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

### 12.7. Other adverse effects

No information available.

### Further information

There are no data available on the preparation/mixture itself.  
Do not allow to enter into surface water or drains.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Disposal recommendations

Do not allow to enter into surface water or drains.

Remove according to the regulations.

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

#### List of Wastes Code - residues/unused products

080111 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU and removal of paint and varnish; waste paint and varnish containing organic solvents or other hazardous substances; hazardous waste

#### Contaminated packaging

Completely emptied packages can be recycled.

Remove according to the regulations.

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#### SECTION 14: Transport information

##### Land transport (ADR/RID)

**14.1. UN number or ID number:** UN 1263  
**14.2. UN proper shipping name:** Paint  
**14.3. Transport hazard class(es):** 3  
**14.4. Packing group:** III  
 Hazard label: 3



Classification code: F1  
 Special Provisions: 163 640E 650  
 Limited quantity: 5 L  
 Transport category: 3  
 Hazard No: 30  
 Tunnel restriction code: D/E

##### Other applicable information (land transport)

E1

##### Marine transport (IMDG)

**14.1. UN number or ID number:** UN 1263  
**14.2. UN proper shipping name:** Paint  
**14.3. Transport hazard class(es):** 3  
**14.4. Packing group:** III  
 Hazard label: 3



Special Provisions: 163, 223, 955  
 Limited quantity: 5 L  
 EmS: F-E, S-E

##### Other applicable information (marine transport)

E1

##### Air transport (ICAO-TI/IATA-DGR)

**14.1. UN number or ID number:** UN 1263  
**14.2. UN proper shipping name:** Paint  
**14.3. Transport hazard class(es):** 3  
**14.4. Packing group:** III  
 Hazard label: 3



Special Provisions: A3 A72  
 Limited quantity Passenger: 10 L  
 IATA-packing instructions - Passenger: 355  
 IATA-max. quantity - Passenger: 60 L  
 IATA-packing instructions - Cargo: 366  
 IATA-max. quantity - Cargo: 220 L

##### Other applicable information (air transport)

E1

: Y344

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#### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

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

not applicable

#### **Other applicable information**

IMDG Code

Viskose Stoffe in Verpackung bis zu 30 Liter: Transport in accordance with the provisions of paragraph 2.3.2.5 of the IMDG Code

ADR/RID

Viskose Stoffe in Verpackung bis zu 450 Liter: Kein Gut der Klasse 3 gemäß ADR/RID Kapitel 2.2.3.1.5  
Bei Gebinden > 450 l Klasse 3

ICAO/IATA

Viskose Stoffe: Die Viskositätsklausel gilt nicht für den Luftverkehr.

### SECTION 15: Regulatory information

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

##### **EU regulatory information**

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 28, Entry 40, Entry 75

2010/75/EU (VOC): 30,079 % (406,072 g/l)

2004/42/EC (VOC): 30,079 % (406,072 g/l)

Information according to 2012/18/EU (SEVESO III): P5c FLAMMABLE LIQUIDS

##### **National regulatory information**

Employment restrictions: Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

Water hazard class (D): 3 - highly hazardous to water

### SECTION 16: Other information

#### **Changes**

This data sheet contains changes from the previous version in section(s): 1,2,9,15.

#### **Abbreviations and acronyms**

ADR - Accord européen relatif transport des marchandises dangereuses par route ATE - Acute Toxicity Estimate / Schätzwert akuter Toxizität; BCF - Biokonzentrationsfaktor (Bio-Concentration Factor); CAS - Chemical Abstracts Service; CLP - Regulation on Classification, Labelling and Packaging of Substances and Mixtures; CMR - Carcinogenität, Mutagenität, Reproduktionstoxizität; ECHA - European Chemicals Agency / Europäische Chemikalienagentur (in Helsinki); EC50 - Effective Concentration 50%; ErC50 - Average specific growth rate; EINECS - European Inventory of Existing Commercial Chemical Substances; DNEL - „Derived No-Effect Level“; IATA - International Air Transport Association; IMDG - International Maritime Dangerous Goods Code; LC50 - Lethal Concentration 50%; LD50 - Lethal dose 50%; NOAEC/L - No Observed Adverse Effect Concentration / Level; NOEC - No Observed Effect Concentration; OECD - Organization for Economic Cooperation and Development; PBT - Persistent, Bioaccumulative, Toxic (persistent, bioakkumulativ, toxisch); PNEC - Predicted No Effect Concentration; REACH - Registration, Evaluation and Authorization of Chemicals; RID - Règlement International concernant le transport de marchandises dangereuses par chemin de fer; SCL - Specific Concentration Level; STOT - Specific Target Organ Toxicity; SVHC - Stoff sehr hoher Besorgnis (Substance of Very High Concern); VOC - Volatile Organic Compounds; WGK - Wassergefährdungsklasse

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Superplast Topcoat 6D973, RAL7035

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#### Classification for mixtures and used evaluation method according to Regulation (EC) No. 1272/2008 [CLP]

Classification	Classification procedure
Flam. Liq. 3; H226	On basis of test data
Aquatic Chronic 3; H412	Calculation method

#### Relevant H and EUH statements (number and full text)

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
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.
H412	Harmful to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.
EUH208	Contains Bis (1,2,2,6,6-pentamethyl-4-piperidyl) sebacate, methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate, Fatty acids, C14-18 and C16-18-unsaturated, maleated. May produce an allergic reaction.

#### Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*