

Revision date 07-Mar-2023

This safety data sheet was created pursuant to the requirements of: Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008

SIROFLEX CONTRACTORS SANITARY&BATH SILICONE

CLEAR

Supercedes Date: 07-Mar-2023 Revision Number 1

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

1.1. Product identifier

Product Name SIROFLEX CONTRACTORS SANITARY&BATH SILICONE CLEAR

Pure substance/mixture Mixture

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

Recommended use Sealant

Uses advised against None known

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

### **Company Name**

Bostik Limited Common Rd ST16 3EH Stafford UK

Tel: +44 (1785) 27 26 25 Fax: +44 (1785) 25 72 36

E-mail address SDS.box-EU@bostik.com

1.4. Emergency telephone number

United Kingdom Bostik: +44 (1785) 272650 (9am to 5pm Mon-Fri)

NHS: 111

# **SECTION 2: Hazards identification**

### 2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

Chronic aquatic toxicity Category 3 - (H412)

# 2.2. Label elements

#### Signal word

None

### **Hazard statements**

H412 - Harmful to aquatic life with long lasting effects.

### **EU Specific Hazard Statements**

EUH208 - Contains 4,5-dichloro-2-octyl-2H-isothiazol-3-one [DCOIT]. May produce an allergic reaction

### Precautionary Statements - EU (§28, 1272/2008)

P273 - Avoid release to the environment

P501 - Dispose of contents/ container to an approved waste disposal plant

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### 2.3. Other hazards

Small amounts of acetic acid (CAS 64-19-7) are formed by hydrolysis and released upon curing. Harmful to aquatic life.

### PBT & vPvB

This mixture contains substances considered to be persistent, bio-accumulating and toxic (PBT). This mixture contains substances considered to be very persistent and very bioaccumulating (vPvB).

# SECTION 3: Composition/information on ingredients

### 3.1 Substances

Not applicable

### 3.2 Mixtures

Chemical name	EC No (EU Index No)	CAS No	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific concentration limit (SCL)	REACH registration number
Hydrocarbons, C13-C23, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics	932-078-5	RR-100254-6	>25 - <40	Asp. Tox. 1 (H304)	-	01-2119552497- 29-xxxx
Silica, amorphous	231-545-4	7631-86-9	5 - <10	[B]	-	01-2119379499- 16-XXXX
Triacetoxy(propyl)silane	241-816-9	17865-07-5	1 - <3	Skin Corr. 1B (H314) (EUH071)	-	01-2119966899- 07-XXXX
Silanetriol, methyl-, triacetate	224-221-9	4253-34-3	1 - <2.5	Skin Corr. 1C (H314) Acute Tox. 4 (H302) (EUH014)	-	01-2119962266- 32-XXXX
Octamethylcyclotetrasilo xane [D4]	(014-018-00- 1) 209-136-7	556-67-2	0.01 - <0.1	Repr. 2 (H361f) Aquatic Chronic 1 (H410) Flam. Liq. 3 (H226) [G]	-	01-2119529238- 36-XXXX
4,5-dichloro-2-octyl-2H-i sothiazol-3-one [DCOIT]		64359-81-5	0.01 - < 0.05	Skin Corr. 1B (H314) Eye Dam. 1 (H318) Skin Sens. 1A (H317) Acute Tox. 4 (H302) Acute Tox. 2 (H330) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410) (EUH071)	Skin Irrit. 2 :: 0.025%<=C<5% Eye Irrit. 2 :: 0.025%<=C<3% Skin Sens. 1A :: C>=0.0015%	-

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

[B] - Substance with a Community workplace exposure limit

### Full text of H- and EUH-phrases: see section 16

Substances identified by a number starting "RR-" in the CAS-field are substances for which there is no CAS# used in EU and we use an internal numbering system to track within our SDS software

Air contaminants formed when using the substance or mixture as intended

Chemical name	EC No (EU	Weight-%	Classification	Specific	M-Factor	M-Factor	REACH
	Index No)		according to	concentration limit		(long-ter	registration
			Regulation (EC) No.	(SCL)		m)	number
			1272/2008 [CLP]				
Acetic acid	(607-002-00	1 - <2.5	Skin Corr. 1A (H314)	Eye Irrit. 2 ::	-	-	01-211947532
64-19-7	-6)		Flam. Liq. 3 (H226)	10%<=C<25%			8-30-XXXX
	200-580-7			Skin Corr. 1A ::			
				C>=90%			
				Skin Corr. 1B ::			
				25%<=C<90%			
				Skin Irrit. 2 ::			
				10%<=C<25%			

This product does not contain candidate substances of very high concern at a concentration >=0.1% (Regulation (EC) No. 1907/2006 (REACH), Article 59)

## **SECTION 4: First aid measures**

### 4.1. Description of first aid measures

General advice Show this safety data sheet to the doctor in attendance. If medical advice is needed,

have product container or label at hand.

**Inhalation** Remove to fresh air. If symptoms persist, call a doctor.

Eye contact Immediately flush with plenty of water. After initial flushing, remove any contact lenses

and continue flushing for at least 15 minutes. Consult an ophthalmologist.

**Skin contact**Wash skin with soap and water. In the case of skin irritation or allergic reactions see a

doctor.

**Ingestion** Never give anything by mouth to an unconscious person. Rinse mouth thoroughly with

water. Drink 1 or 2 glasses of water. Do NOT induce vomiting.

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

Symptoms None known.

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

Note to doctors Treat symptomatically.

## **SECTION 5: Firefighting measures**

# 5.1. Extinguishing media

**Suitable Extinguishing Media** Water spray, carbon dioxide (CO2), dry chemical, alcohol-resistant foam.

Unsuitable extinguishing media Full water jet.

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5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the chemical

**Specific hazards arising from the** Thermal decomposition can lead to release of irritating gases and vapours.

Hazardous combustion products

Carbon dioxide (CO2). Silicon dioxide. Thermal decomposition can lead to release of

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irritating and toxic gases and vapours.

5.3. Advice for firefighters

Special protective equipment and precautions for fire-fighters

Special protective equipment and Wear self contained breathing apparatus for fire fighting if necessary.

productions for the righters

# **SECTION 6: Accidental release measures**

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Do not get in eyes, on skin, or on clothing. Use personal protective equipment as

required. Ensure adequate ventilation.

6.2. Environmental precautions

**Environmental precautions** Prevent product from entering drains. Do not allow to enter into soil/subsoil. See Section

12 for additional Ecological Information.

6.3. Methods and material for containment and cleaning up

**Methods for containment** Do not scatter spilled material with high pressure water streams.

Methods for cleaning up Take up mechanically, placing in appropriate containers for disposal.

**Prevention of secondary hazards** Clean contaminated objects and areas thoroughly observing environmental regulations.

6.4. Reference to other sections

**Reference to other sections** See section 8 for more information. See section 13 for more information.

### **SECTION 7: Handling and storage**

### 7.1. Precautions for safe handling

Advice on safe handling Ensure adequate ventilation.

General hygiene considerations Do not eat, drink or smoke when using this product. Wash hands before breaks and after

work. Take off all contaminated clothing and wash it before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions Protect from moisture. Keep away from food, drink and animal feedingstuffs.

Recommended storage

temperature

Keep at temperatures between 10 and 35 °C.

7.3. Specific end use(s)

Specific use(s)

Sealant.

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Risk Management Methods (RMM) The information required is contained in this Safety Data Sheet.

Other information Observe technical data sheet.

# SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

**Exposure Limits**Small amounts of acetic acid (CAS 64-19-7) are formed by hydrolysis and released upon curing

Chemical name	European Union	United Kingdom
Silica, amorphous	TWA: 0.1 mg/m <sup>3</sup>	TWA: 6 mg/m <sup>3</sup>
7631-86-9		TWA: 2.4 mg/m <sup>3</sup>
		TWA: 0.1 mg/m <sup>3</sup>
		STEL: 18 mg/m <sup>3</sup>
		STEL: 7.2 mg/m <sup>3</sup>
		STEL: 0.3 mg/m <sup>3</sup>
Acetic acid	TWA: 25 mg/m <sup>3</sup>	TWA: 10 ppm
64-19-7	TWA: 10 ppm	TWA: 25 mg/m <sup>3</sup>
	STEL: 50 mg/m <sup>3</sup>	STEL: 20 ppm
	STEL: 20 ppm	STEL: 50 mg/m <sup>3</sup>

Derived No Effect Level (DNEL) No information available

Derived No Effect Level (DNEL)				
Octamethylcyclotetrasiloxane [D4] (556-67-2)				
Туре	Exposure route	Derived No Effect Level (DNEL)	Safety factor	
worker	Inhalation	73 mg/m³		
Long term				
Systemic health effects				

<b>Derived No Effect Level (DNI</b>	EL)				
Octamethylcyclotetrasiloxan	Octamethylcyclotetrasiloxane [D4] (556-67-2)				
Туре	Exposure route	Derived No Effect Level (DNEL)	Safety factor		
Consumer Long term Systemic health effects	Inhalation	13 mg/m³			
Consumer Long term Systemic health effects	Oral	3.7 mg/kg bw/d			

**Predicted No Effect Concentration** No information available. **(PNEC)** 

Predicted No Effect Concentration (PNEC)	
Octamethylcyclotetrasiloxane [D4] (556-67-2)	
Environmental compartment	Predicted No Effect Concentration (PNEC)
Freshwater	0.0015 mg/l
Marine water	0.00015 mg/l
Freshwater sediment	3 mg/kg
Marine sediment	0.3 mg/kg
Soil	0.54 mg/kg
Sewage treatment plant	10 mg/l

## 8.2. Exposure controls

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**Engineering controls** Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles). Eye protection must conform to

standard EN 166.

Wear suitable gloves. Recommended Use:. Neoprene™. Nitrile rubber. Butyl rubber. Hand protection

> Glove thickness > 0.7mm. The breakthrough time for the mentioned glove material is in general greater than 480 min. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific

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gloves. Gloves must conform to standard EN 374

None under normal use conditions. Skin and body protection

In case of inadequate ventilation wear respiratory protection. Wear a respirator Respiratory protection

conforming to EN 140 with Type A/P2 filter or better. Ensure adequate ventilation,

especially in confined areas.

Recommended filter type: Organic gases and vapours filter conforming to EN 14387. White. Brown.

Environmental exposure controls Do not allow uncontrolled discharge of product into the environment.

# **SECTION 9: Physical and chemical properties**

9.1. Information on basic physical and chemical properties

Physical state Solid Paste **Appearance** 

See section 1 for more information Colour

Odour Characteristic.

**Odour threshold** No information available

Property Values Remarks • Method

Melting point / freezing point No data available None known Initial boiling point and boiling No data available None known

range

**Flammability** No data available None known Flammability Limit in Air None known

Upper flammability or explosive No data available

limits

Lower flammability or explosive No data available

limits

No data available Flash point None known **Autoignition temperature** No data available None known None known

**Decomposition temperature** 

Not applicable. Insoluble in water. pН

pH (as aqueous solution) No data available None known

Kinematic viscosity  $> 21 \text{ mm}^2/\text{s}$ Dynamic viscosity No data available

Water solubility No data available. Product cures with

moisture

No data available None known Solubility(ies) **Partition coefficient** No data available None known Vapour pressure No data available None known No data available Relative density None known

**Bulk Density** No data available

Density 0.97

Relative vapour density No data available None known

**Particle characteristics** 

Particle Size No information available **Particle Size Distribution** No information available

9.2. Other information

No information available Solid content (%)

**VOC** content No data available

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9.2.1. Information with regards to physical hazard classes Not applicable

9.2.2. Other safety characteristics

No information available

## **SECTION 10: Stability and reactivity**

10.1. Reactivity

**Reactivity** Product cures with moisture.

10.2. Chemical stability

**Stability** Stable under normal conditions.

**Explosion data** 

Sensitivity to mechanical

None.

impact

Sensitivity to static discharge None.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.

10.4. Conditions to avoid

Conditions to avoid Product cures with moisture. Protect from moisture. Exposure to air or moisture over

prolonged periods. Do not freeze. Keep away from open flames, hot surfaces and

sources of ignition.

10.5. Incompatible materials

Incompatible materials Strong oxidising agents.

10.6. Hazardous decomposition products

Hazardous decomposition

products

None under normal use conditions. Stable under recommended storage conditions.

# SECTION 11: Toxicological information

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

### Information on likely routes of exposure

### **Product Information**

**Inhalation** Based on available data, the classification criteria are not met.

Eye contact Based on available data, the classification criteria are not met.

**Skin contact**Based on available data, the classification criteria are not met. May cause sensitisation in

susceptible persons.

**Ingestion** Based on available data, the classification criteria are not met.

### Symptoms related to the physical, chemical and toxicological characteristics

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**Symptoms** 

No information available.

Acute toxicity

**Numerical measures of toxicity** 

#### **Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Hydrocarbons, C13-C23,	LD50 > 5000 mg/kg (Rattus)	LD50 > 2000 mg/kg	-
n-alkanes, isoalkanes, cyclics, < 0.03% aromatics	OECD 401	(Oryctolagus cuniculus) OECD 402	
Silica, amorphous	=7900 mg/kg (Rattus)	> 5000 mg/kg (Oryctolagus cuniculus)	>2.2 mg/L (Rattus) 1 h
Silanetriol, methyl-, triacetate	LD50 = 1600 mg/kg (Rattus) OECD 401	-	-
Octamethylcyclotetrasiloxane [D4]	LD50 > 4800 mg/kg (Rattus) OECD 401	LD50 > 2400 mg/kg (Rattus) OECD 402	=36 g/m³ (Rattus) 4 h
4,5-dichloro-2-octyl-2H-isothiaz ol-3-one [DCOIT]	=1636 mg/kg (Rattus)	> 2000 mg/kg (Oryctolagus cuniculus)	=0.26 mg/L (Rattus) 4 h

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation

The assessment of the result of testing was done in accordance with the guideline of the Commission 92/69/ EEC.

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Method	Species	Exposure route	Effective dose	Exposure time	Results
	Rabbit	Dermal		6 days	Product score
					<=1
					Non-irritant

Serious eye damage/eye irritation

By analogy to another tested similar product: No irritation after contact to the eyes. (H319 is void). The assessment of the result of testing was done in accordance with the guideline of the Commission 92/ 69/ EEC.

Method	Species	Exposure route	Effective dose	Exposure time	Results
	Rabbit	eye		6 days	Product score
					<=1
					Non-irritant

Respiratory or skin sensitisation

No classification is proposed, based on conclusive negative data. OECD Test No. 406: Skin Sensitisation. May cause sensitisation in susceptible persons.

Method	Species	Exposure route	Results
OECD Test No. 406: Skin	Guinea pig	Dermal	No sensitisation responses
Sensitisation	-		were observed

Octamethylcyclotetrasiloxane [D4] (556-67-2)

4,5-dichloro-2-octyl-2H-isothiazol-3-one [DCOIT] (64359-81-5)

Method	Species	Exposure route	Results	
OECD Test No. 406: Skin	Guinea pig		sensitising	
Sensitisation				1

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

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**Carcinogenicity** Based on available data, the classification criteria are not met.

Reproductive toxicity Based on available data, the classification criteria are not met.

Chemical name	European Union
Octamethylcyclotetrasiloxane [D4]	Repr. 2

**STOT - single exposure** Based on available data, the classification criteria are not met.

STOT - repeated exposure Based on available data, the classification criteria are not met.

Aspiration hazard Based on available data, the classification criteria are not met.

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

**Endocrine disrupting properties** No information available.

11.2.2. Other information

Other adverse effects No information available.

# SECTION 12: Ecological information

12.1. Toxicity

**Ecotoxicity** Harmful to aquatic life with long lasting effects.

Chemical name	Algae/aquatic	Fish	Toxicity to	Crustacea	M-Factor	M-Factor
	plants		microorganisms			(long-term)
Hydrocarbons,	EL50 (72h) > 10	LL50 (96h) >	-	LL50 (48h) > >		
C13-C23, n-alkanes,	000 mg/L	1028 mg/L		3193 mg/l		
isoalkanes, cyclics, <	(Skeletonema	(Scophthalmus		(Acartia tonsa)		
0.03% aromatics	costatum)	maximus)				
RR-100254-6						
Silica, amorphous	EC50: =440mg/L	LC50:	-	EC50:		
7631-86-9	(72h,	=5000mg/L (96h,		=7600mg/L (48h,		
	Pseudokirchneri	Brachydanio		Ceriodaphnia		
	ella subcapitata)	rerio)		dubia)		
Triacetoxy(propyl)silane	EC50 (72h):	LC50 (96h) =	-	EC50 (48h) =		
17865-07-5	approx. 24	108.89 mg/L		89.59 mg/L		
	mg/I(Pseudokirc					
	henriella					
	subpicata)					
Silanetriol, methyl-,	EC50 (72h):	LC50 (96h) >500	-	EC50 (48h) >500		
triacetate	>500 mg/l	mg/l		mg/l (Daphnia		
4253-34-3	(Pseudokirchner	(Brachydanio		magna)		
	ella subcapitata)	rerio)				
Octamethylcyclotetrasil	-	LC50:	-	EC50:		10
oxane [D4]		>1000mg/L (96h,		=25.2mg/L (24h,		
556-67-2		Lepomis		Daphnia magna)		

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		macrochirus) LC50: >500mg/L (96h, Brachydanio rerio)				
4,5-dichloro-2-octyl-2H-isothiazol-3-one	EC50 (72h) =0.025 mg/L	LC50 (96h) 0.0078 mg/L	-	EC50 (48h) 0.0097 mg/L	100	100
[DCOIT]	=0.025 mg/L Algae	(Oncorhynchus		Daphnia magna		
64359-81-5	(Scenedesmus	mykiss)(OECD		(OECD 202)		
	subspicatus)(OE	203)				
	CD 201)					

### 12.2. Persistence and degradability

Persistence and degradability

No information available.

Silica, amorphous (7631-86-9)

Method		Exposure time	Value	Results
				The methods for determining
				biodegradability are not
				applicable to inorganic
				substances

## Octamethylcyclotetrasiloxane [D4] (556-67-2)

4,5-dichloro-2-octyl-2H-isothiazol-3-one [DCOIT] (64359-81-5)

Method	Exposure time	Value	Results
OECD Test No. 308: Aerobic and		Half-life	1.1-1.3 days
Anaerobic Transformation in Aquatic			·
Sediment Systems			

## 12.3. Bioaccumulative potential

### Bioaccumulation

**Component Information** 

Chemical name	Partition coefficient
Triacetoxy(propyl)silane	1.23
Silanetriol, methyl-, triacetate	-2.4
Octamethylcyclotetrasiloxane [D4]	6.49
4,5-dichloro-2-octyl-2H-isothiazol-3-one [DCOIT]	4.4

### 12.4. Mobility in soil

Mobility in soil No information available.

# 12.5. Results of PBT and vPvB assessment

**PBT and vPvB assessment** The product contains substance(s) classified as PBT or vPvB.

Chemical name	PBT and vPvB assessment	
Silica, amorphous	The substance is not PBT / vPvB PBT assessment does	
	not apply	
Triacetoxy(propyl)silane	The substance is not PBT / vPvB	
Silanetriol, methyl-, triacetate	The substance is not PBT / vPvB	
Octamethylcyclotetrasiloxane [D4]	PBT & vPvB	
4,5-dichloro-2-octyl-2H-isothiazol-3-one [DCOIT]	The substance is not PBT / vPvB	

### 12.6. Endocrine disrupting properties

**Endocrine disrupting properties** No information available.

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Component Information				
Octamethylcyclotetrasiloxane [D4] (556-67-2)				
Method	Results	Species		
Endocrine disrupting properties in accordance	Negative.			
with the criteria set out in Commission				
Delegated Regulation (EU) 2017/2100(3) or				
Commission Regulation (EU) 2018/605(4).				

#### 12.7. Other adverse effects

No information available.

### **SECTION 13: Disposal considerations**

## 13.1. Waste treatment methods

Waste from residues/unused

products

Dispose of contents/container in accordance with local, regional, national, and

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international regulations as applicable.

Contaminated packaging Handle contaminated packages in the same way as the product itself.

**European Waste Catalogue** 08 04 09\* waste adhesives and sealants containing organic solvents or other dangerous

substances

Other information Waste codes should be assigned by the user based on the application for which the

product was used.

## **SECTION 14: Transport information**

### Land transport (ADR/RID)

14.1 UN number or ID number
 14.2 Proper Shipping Name
 14.3 Transport hazard class(es)
 14.4 Packing group
 14.5 Environmental hazards
 Not regulated Not regulated Not regulated Not applicable

14.6 Special precautions for user

Special Provisions None

### **IMDG**

14.1 UN number or ID number
14.2 Proper Shipping Name
14.3 Transport hazard class(es)
14.4 Packing group

Not regulated
Not regulated
Not regulated
Not regulated

14.5 Marine pollutant NP14.6 Special precautions for user

Special Provisions None

14.7 Maritime transport in bulk according to IMO instruments

Transport in bulk according to Annex II of MARPOL and the IBC Code Not applicable

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

14.1UN number or ID numberNot regulated14.2Proper Shipping NameNot regulated14.3Transport hazard class(es)Not regulated14.4Packing groupNot regulated14.5Environmental hazardsNot applicable

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# 14.6 Special precautions for user Special Provisions None

## Section 15: REGULATORY INFORMATION

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

**European Union** 

Registration, Evaluation, Authorization, and Restriction of Chemicals (REACh) Regulation (EC 1907/2006)

### **SVHC: Substances of Very High Concern for Authorisation:**

This product does not contain candidate substances of very high concern at a concentration >=0.1% (Regulation (EC) No. 1907/2006 (REACH), Article 59)

### EU-REACH (1907/2006) - Annex XVII - Substances subject to Restriction

This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII).

### Substance subject to authorisation per REACH Annex XIV

This product does not contain substances subject to authorisation (Regulation (EC) No. 1907/2006 (REACH), Annex XIV)

### Biocidal Products Regulation (EU) No 528/2012 (BPR)

This product contains a biocidal product for the preservation of the dry film Contains: 4,5-dichloro-2-octyl-2H-isothiazol-3-one [DCOIT]

#### Ozone-depleting substances (ODS) regulation (EC) 1005/2009

Not applicable

### **Persistent Organic Pollutants**

Not applicable

#### National regulations

### 15.2. Chemical safety assessment

Chemical Safety Assessments have been carried out by the Reach registrants for substances registered at >10 tpa. No Chemical Safety Assessment has been carried out for this mixture

# **SECTION 16: Other information**

### Key or legend to abbreviations and acronyms used in the safety data sheet

### Full text of H-Statements referred to under section 3

EUH014 - Reacts violently with water

EUH071 - Corrosive to the respiratory tract

H226 - Flammable liquid and vapour

H302 - Harmful if swallowed

H304 - May be fatal if swallowed and enters airways

H314 - Causes severe skin burns and eye damage

H317 - May cause an allergic skin reaction

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H318 - Causes serious eye damage

H330 - Fatal if inhaled

H361f - Suspected of damaging fertility

H400 - Very toxic to aquatic life

H410 - Very toxic to aquatic life with long lasting effects

Legend

TWA TWA (time-weighted average)
STEL STEL (Short Term Exposure Limit)

Ceiling Limit Value
\* Skin designation

SVHC Substance(s) of Very High Concern

PBT Persistent, Bioaccumulative, and Toxic (PBT) Chemicals vPvB Very Persistent and very Bioaccumulative (vPvB) Chemicals

STOT RE Specific target organ toxicity - Repeated exposure STOT SE Specific target organ toxicity - Single exposure

EWC European Waste Catalogue

ADR European Agreement concerning the International Carriage of Dangerous Goods by

Road

IMDG International Maritime Dangerous Goods (IMDG)
IATA International Air Transport Association (IATA)

RID Regulations concerning the International Transport of Dangerous Goods by Rail

#### Key literature references and sources for data

No information available

Prepared By Product Safety & Regulatory Affairs

**Revision date** 07-Mar-2023

Indication of changes

Revision note Not applicable.

Training Advice No information available

Further information No information available

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

#### **Disclaimer**

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**End of Safety Data Sheet** 

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