

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

#### **BOSTIK PRO SEALANT S41 WINDOW AND DOOR FRAME** SILICONE BROWN Supercedes Date: 13-Apr-2022

Revision date 13-Apr-2022

**Revision Number** 1

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

## 1.1. Product identifier

**Product Name** BOSTIK PRO SEALANT S41 WINDOW AND DOOR FRAME SILICONE BROWN

Pure substance/mixture Mixture

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

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 Ireland	+44 (1785) 272650 <b>NPIC - National Poison Information Centre</b> Members of the Public: +353 (01) 8092166 (8.00 am to 10.00 pm - 7 days a week) Healthcare Professionals: +353 (01) 8092566 (24 hour service)
Europe	112

## 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 3-(Triethoxysilyl) propylamine & 2-octyl-2H-isothiazol-3-one [OIT]. May produce an allergic reaction

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

#### BOSTIK PRO SEALANT S41 WINDOW AND DOOR FRAME SILICONE BROWN Supercedes Date: 13-Apr-2022

Revision date 13-Apr-2022

Revision Number 1

P101 - If medical advice is needed, have product container or label at hand

P102 - Keep out of reach of children

P273 - Avoid release to the environment

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

### 2.3. Other hazards

Small amounts of methanol (CAS 67-56-1) are formed by hydrolysis and released upon curing. Small amounts of ethanol (CAS 64-17-5) are formed by hydrolysis and released upon curing. Small amounts of 2-Pentanone oxime (CAS 623-40-5) are formed by hydrolysis and released upon curing. Harmful to aquatic life.

#### PBT & vPvB

This mixture contains no substance considered to be persistent, bioaccumulating or toxic (PBT). This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

## **SECTION 3: Composition/information on ingredients**

## 3.1 Substances

Not applicable

#### 3.2 Mixtures

Chemical name	EC No	CAS No	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific concentration limit (SCL)	REACH registration number
Limestone	215-279-6	1317-65-3	>25 - <40	[C]	-	[5]
Silica, amorphous	231-545-4	7631-86-9	5 - <10	[B]	-	01-2119379499- 16-XXXX
2-Pentandione, O,O',O''-(methylsilylidyn e)trioxime	484-460-1	37859-55-5	1- <2.5	Acute Tox. 4 (H302) Eye Irrit. 2 (H319)	-	01-2120004323- 76-XXXX
3-(Triethoxysilyl) propylamine	213-048-4	919-30-2	0.1 - <1	Skin Corr. 1B (H314) Eye Dam. 1 (H318) Skin Sens. 1 (H317) Acute Tox. 4 (H302)	-	01-2119480479- 24-XXXX
2-octyl-2H-isothiazol-3-o ne [OIT]	247-761-7	26530-20-1	0.0015 - <0.01	Acute Tox. 3 (H301) Acute Tox. 3 (H311) Acute Tox. 2 (H330) Skin Corr. 1B (H314) Eye Dam 1 (H318) Skin Sens. 1A (H317) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	Skin Sens. 1A :: C>=0.0015%	-

# BOSTIK PRO SEALANT S41 WINDOW AND DOOR FRAME SILICONE BROWN

Supercedes Date: 13-Apr-2022

Revision Number 1

NOTE [5] - This substance is exempted from registration according to the provisions of Article 2(7)(a) and Annex V of REACH

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

Note: ^ indicates not classified, however, the substance is listed in section 3 as it has an OEL

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	d effects, both acute and delayed			
Symptoms	None known.			
4.3. Indication of any immediate m	edical attention and special treatment needed			
Note to doctors	Small amounts of methanol (CAS 67-56-1) are formed by hydrolysis and released upon curing. Small amounts of methanol (CAS 67-56-1) are formed by hydrolysis and released, when the product is exposed to moisture or water. Treat symptomatically.			
SECTION 5: Firefighting me	asures			
5.1. Extinguishing media				
Suitable Extinguishing Media	Water spray, carbon dioxide (CO2), dry chemical, alcohol-resistant foam.			
Unsuitable extinguishing media	Full water jet.			
5.2. Special hazards arising from the substance or mixture				

Specific hazards arising from the chemical	Thermal decomposition can lead to release of irritating gases and vapours.
Hazardous combustion products	Carbon oxides. Carbon dioxide (CO2). Silicon dioxide. Thermal decomposition can lead to release of irritating and toxic gases and vapours.

5.3. Advice for firefighters

**Special protective equipment and** Wear self contained breathing apparatus for fire fighting if necessary. **precautions for fire-fighters** 

## **SECTION 6:** Accidental release measures

BOSTIK PRO SEALANT S41 WINDOW AND DOOR FRAME SILICONE BROWN Supercedes Date: 13-Apr-2022 Revision date 13-Apr-2022

Revision Number 1

6.1. Personal precautions, protection	ve 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.	
For emergency responders	Use personal protection recommended in Section 8.	
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 cont	ainment 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 st	torage	
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, in	cluding any incompatibilities	
Storage Conditions	Protect from moisture. Keep away from food, drink and animal feedingstuffs. Keep from freezing.	
Recommended storage temperature	Keep at temperatures between 10 and 35 °C. Do not freeze.	
7.3. Specific end use(s)		
<b>Specific use(s)</b> Sealant.		
Risk Management Methods (RMM)	The information required is contained in this Safety Data Sheet.	
Other information	Observe technical data sheet.	
SECTION 8: Exposure contr	ols/personal protection	
8.1. Control parameters		
	Small amounts of athanal (CAS 64 47 E) are formed by by drahusis and related during	

**Exposure Limits** 

Small amounts of ethanol (CAS 64-17-5) are formed by hydrolysis and released upon curing Small amounts of methanol (CAS 67-56-1) are formed by hydrolysis and released upon curing

Chemical name	European Union	United Kingdom
Limestone	-	TWA: 10 mg/m <sup>3</sup>
1317-65-3		TWA: 4 mg/m <sup>3</sup>

#### BOSTIK PRO SEALANT S41 WINDOW AND DOOR FRAME SILICONE BROWN Supercedes Date: 13-Apr-2022

## Revision date 13-Apr-2022

## Revision Number 1

		STEL: 30 mg/m <sup>3</sup> STEL: 12 mg/m <sup>3</sup>
Silica, amorphous 7631-86-9	TWA: 0.1 mg/m <sup>3</sup>	TWA: 6 mg/m <sup>3</sup> 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>
Ethanol 64-17-5	-	TWA: 1000 ppm TWA: 1920 mg/m <sup>3</sup> STEL: 3000 ppm STEL: 5760 mg/m <sup>3</sup>
Methyl alcohol 67-56-1	TWA: 200 ppm TWA: 260 mg/m <sup>3</sup> *	TWA: 200 ppm TWA: 266 mg/m <sup>3</sup> STEL: 250 ppm STEL: 333 mg/m <sup>3</sup> Sk <sup>*</sup>

Chemical name	European Union	Ireland	United Kingdom
Methyl alcohol	-	15 mg/L (urine - Methanol end of	-
67-56-1		shift)	

## Derived No Effect Level (DNEL)

No information available

Derived No Effect Level (DNEL)					
3-(Triethoxysilyl) propylamir	3-(Triethoxysilyl) propylamine (919-30-2)				
Туре	Exposure route	Derived No Effect Level (DNEL)	Safety factor		
worker Long term Systemic health effects	Inhalation	59 mg/m³			
worker Short term Systemic health effects	Inhalation	59 mg/m³			
worker Long term Systemic health effects	Dermal	8.3 mg/kg bw/d			
worker Short term Systemic health effects	Dermal	8.3 mg/kg bw/d			

Derived No Effect Level (DNEL) 3-(Triethoxysilyl) propylamine (919-30-2)				
Consumer Long term Systemic health effects	Inhalation	17 mg/m³		
Consumer Short term Systemic health effects	Inhalation	17.4 mg/m³		
Consumer Long term Systemic health effects	Dermal	5 mg/kg bw/d		
Consumer Short term Systemic health effects	Dermal	5 mg/kg bw/d		

Predicted No Effect Concentration No information available. (PNEC)

BOSTIK PRO SEALANT S41 WINDOW AND DOOR FRAME SILICONE BROWN Supercedes Date: 13-Apr-2022 Revision date 13-Apr-2022

Revision Number 1

Predicted No Effect Concentration (PNEC)				
3-(Triethoxysilyl) propylamine (919-30-2)				
Environmental compartment	Predicted No Effect Concentration (PNEC)			
Freshwater	0.33 mg/l			
Marine water	0.033 mg/l			

#### 8.2. Exposure controls

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.
Hand protection	Wear suitable gloves. Recommended Use:. Neoprene <sup>™</sup> . Nitrile rubber. Butyl rubber. 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 gloves. Gloves must conform to standard EN 374
Skin and body protection	None under normal use conditions.
Respiratory protection	In case of inadequate ventilation wear respiratory protection. Wear a respirator 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**

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9.1. Information on basic physical Physical state	Solid		
Appearance	Paste		
Colour	Brown		
Odour	Characteristic.		
Odour threshold	No information available		
Odour threshold	No information available		
Property_	Values	Remarks • Method	
Melting point / freezing point	No data available	None known	
Initial boiling point and boiling	> 300 °C		
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			
Flash point	> 100 °C		
Autoignition temperature	No data available	None known	
Decomposition temperature		None known	
рН	No data available	Not applicable Insoluble	e in water
pH (as aqueous solution)	No data available	None known	
Kinematic viscosity	> 21 mm²/s	@ 40°C	
Dynamic viscosity	No data available	Water solubility	No data available
			Immiscible in water
			Product cures with
			moisture
		Solubility(ies)	No data available
None known		Partition coefficient	No data available
None known		Vapour pressure	100
hPa @ 20 °C		Relative density	1.26
		Bulk Density	No data available
		Demolter	4.00

Density

1.26

BOSTIK PRO SEALANT S41 WINDOW AND DOOR FRAME SILICONE BROWN Supercedes Date: 13-Apr-2022

Revision date 13-Apr-2022

**Revision Number** 1

Relative vapour densityNo data available Particle characteristics Particle Size No information available No information available Particle Size Distribution

### 9.2. Other information VOC Content (%)

None known

9.2.1. Information with regards to physical hazard classes Not applicable

9.2.2. Other safety characteristics No information available Minimum Ignition Temperature >200 (°C) Minimum Ignition Temperature (°C) >200

## 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 react	tions
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 pro	oducts
Hazardous decomposition products	Small amounts of methanol (CAS 67-56-1) are formed by hydrolysis and released upon curing. Small amounts of ethanol (CAS 64-17-5) are formed by hydrolysis and released upon curing.

## **SECTION 11: Toxicological information**

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

### Information on likely routes of exposure

#### BOSTIK PRO SEALANT S41 WINDOW AND DOOR FRAME SILICONE BROWN Supercedes Date: 13-Apr-2022

Revision date 13-Apr-2022

Revision Number 1

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
Symptoms	No information available.
Acute toxicity	

Numerical measures of toxicity

The following values are calc	ulated based on chapter 3.1 of the GHS document
ATEmix (oral)	53,694.40 mg/kg
ATEmix (dermal)	87,068.40 mg/kg

#### **Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Limestone	>5000 mg/kg (Rattus)	-	-
Silica, amorphous	=7900 mg/kg (Rattus)	> 5000 mg/kg (Oryctolagus cuniculus)	>2.2 mg/L (Rattus) 1 h
2-Pentandione, O,O',O''-(methylsilylidyne)trioxi me	LD50 =1234 mg/kg bw (Rattus)(OECD guideline 425)	LD50 > 2000 mg/kg (Rattus) EU Method B.3	-
3-(Triethoxysilyl) propylamine	LD50 = 1490 mg/kg (Rat, female) EPA OTS 798.1175 LD50 = 2690 mg/kg (Rat, male) EPA OTS 798.1175	LD50 = 4076 mg/kg (Oryctolagus cuniculus) EPA OTS 798.1100	LC50 >144 mg/L (6h) Rat (Vapour)
2-octyl-2H-isothiazol-3-one [OIT]	=125 mg/kg (Rattus)	= 690 mg/kg (Oryctolagus cuniculus)	-

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

Skin corrosion/irritation

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

2-octyl-2H-isothiazol-3-one [OIT] (26530-20-1)

Method	Species	Exposure route	Effective dose	Exposure time	Results
OECD Test No. 404:	Rabbit	Dermal			Corrosive
Acute Dermal					
Irritation/Corrosion					

Serious eye damage/eye irritation Based on available data, the classification criteria are not met.

#### Respiratory or skin sensitisation

No classification is proposed, based on conclusive negative data. May produce an allergic reaction. OECD Test No. 406: Skin Sensitisation. No sensitisation responses were observed. May cause sensitisation in susceptible persons.

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

#### BOSTIK PRO SEALANT S41 WINDOW AND DOOR FRAME SILICONE BROWN Supercedes Date: 13-Apr-2022

Revision date 13-Apr-2022

Revision Number 1

Sensitisation			were observed				
2-octyl-2H-isothiazol-3-one [OIT] (26530-20-1)							
Method	Species	Exposure route	Results				
OECD Test No. 429: Skin Sensitisation: Local Lymph Node Assay	Mouse		sensitising				
Germ cell mutagenicity	Based on available data, the	e classification criteria are not	met.				
Carcinogenicity	Based on available data, the	e classification criteria are not	met.				
Reproductive toxicity	Based on available data, the	e classification criteria are not	met.				
STOT - single exposure	Based on available data, the	e classification criteria are not	met.				
STOT - repeated exposure	Based on available data, the	e classification criteria are not	met.				
Aspiration hazard	Based on available data, the classification criteria are not met.						
11.2. Information on other hazard	<u>s</u>						
11.2.1. Endocrine disrupting prop	perties						
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)
Limestone	CE50 (72h)	CL50	-	CE50 (48h)		
1317-65-3	>200mg/L Algae	(96h)>10000mg/		>1000 mg/L		
	(Desmondesmu	L		Daphnia Magna		
	s subspicatus)	(Oncorhynchus				
		mykiss)				
Silica, amorphous	EC50:	LC50:	-	EC50:		
7631-86-9	=440mg/L (72h,	=5000mg/L		=7600mg/L		
	Pseudokirchneri	(96h,		(48h,		
	ella subcapitata)	Brachydanio		Ceriodaphnia		
		rerio)		dubia)		
2-Pentandione,	EC50 (72h) = 88	LC50 (96h)	-	EC50 (48h)		
O,O',O''-(methylsilylidy	mg/L	>113 mg/L		>100 mg/L		
ne)trioxime	(Pseudokirchner	(Oncorhynchus		(Daphnia		
37859-55-5	iella	mykiss) Static		magna) static		
	subcapitata)	(OECD		(OECD		

## BOSTIK PRO SEALANT S41 WINDOW AND DOOR FRAME SILICONE BROWN

## Supercedes Date: 13-Apr-2022

#### Revision date 13-Apr-2022

Revision Number 1

propylamine >10	· · ·	50 (96h) -	EC50 (48h)		
(desi	een algae (Brad modesmus rerio	34 mg/Ĺ chydanio o) (OECD	=331 mg/L Daphnia magna (OECD TG 202)		
(OEC2-octyl-2H-isothiazol-3- one [OIT]EC0.00.026530-20-1(Sce sub	CD TG 201) 50(72h) = LC50 084 mg/L 0.03 enedesmus (Onco ospicatus) mykis	G 203) 0 (96h) = - 36 mg/L orhynchus ss) (OECD 203)	EC50 (48h) =0.42 mg/L (OECD 202)	100	100

#### 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

## 2-octyl-2H-isothiazol-3-one [OIT] (26530-20-1)

Method	í .	Value	Depute
wiethod	Exposure time	value	Results
OECD Test No. 309: Aerobic		Half-life 0.6-1.4 d	Readily biodegradable
Mineralization in Surface Water -			
Simulation Biodegradation Test			

#### 12.3. Bioaccumulative potential

#### Bioaccumulation

#### **Component Information**

Chemical name	Partition coefficient
Limestone	0.9
2-Pentandione, O,O',O''-(methylsilylidyne)trioxime	1.25
3-(Triethoxysilyl) propylamine	1.7
2-octyl-2H-isothiazol-3-one [OIT]	2.92

### 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 does not contain any 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
2-Pentandione, O,O',O"-(methylsilylidyne)trioxime	The substance is not PBT / vPvB
3-(Triethoxysilyl) propylamine	The substance is not PBT / vPvB
2-octyl-2H-isothiazol-3-one [OIT]	The substance is not PBT / vPvB

### 12.6. Endocrine disrupting properties

Endocrine disrupting properties No information available.

BOSTIK PRO SEALANT S41 WINDOW AND DOOR FRAME SILICONE BROWN Supercedes Date: 13-Apr-2022 Revision date 13-Apr-2022

Revision Number 1

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 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**

Keep from freezing.

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 14.6 Special Provisions	Not regulated Not regulated Not regulated Not regulated Not applicable None
IMDG 14.1 UN number or ID number 14.2 Proper Shipping Name 14.3 Transport hazard class(es) 14.4 Packing group 14.5 Marine pollutant 14.6 Special Provisions 14.7 Maritime transport in bulk according to IMO instruments	Not regulated Not regulated Not regulated NP None Not applicable
Air transport (ICAO-TI / IATA-DGR) 14.1 UN number or ID number 14.2 Proper Shinping Name	Not regulated

14.2 Proper Shipping Name	Not regulated
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental hazards	Not applicable
14.6 Special Provisions	None

## Section 15: REGULATORY INFORMATION

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

#### European Union

Check whether measures in accordance with Directive 94/33/EC for the protection of young people at work must be taken.

Take note of Directive 92/85/EC on the protection of pregnant and breastfeeding women at work

#### BOSTIK PRO SEALANT S41 WINDOW AND DOOR FRAME SILICONE BROWN Supercedes Date: 13-Apr-2022

Revision date 13-Apr-2022

**Revision Number** 1

#### 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)

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

- H301 Toxic if swallowed
- H302 Harmful if swallowed
- H311 Toxic in contact with skin
- H314 Causes severe skin burns and eye damage
- H317 May cause an allergic skin reaction
- H318 Causes serious eye damage
- H319 Causes serious eye irritation
- H330 Fatal if inhaled
- H400 Very toxic to aquatic life H410 - Very toxic to aquatic life with long lasting effects

#### Legend

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

BOSTIK PRO SEALANT S41 WINDOW AND DOOR FRAME SILICONE BROWN Supercedes Date: 13-Apr-2022

#### Revision date 13-Apr-2022

Revision Number 1

EWC	European Waste Catalogue
ADR	European Agreement concerning the International Carriage of Dangerous Goods by
	Road
IMDG	International Maritime Dangerous Goods (IMDG)
ΙΑΤΑ	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	13-Apr-2022
Indication of changes	
Revision note	SDS sections updated: 2, 3, 11, 12, 15.
Training Advice	No information available
Further information	No information available

### This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

#### Disclaimer

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## End of Safety Data Sheet