

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 15/06/2023 Revision date: 15/06/2023 Supersedes version of: 17/05/2018 Version: 4.0

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

1.1. Product identifier

Product form	: Mixture
Product name	: Altro Screed Rapicure Seal Coat Base
Product code	: SSRPB
Product group	: End product

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

1.2.1. Relevant identified uses

Main use category Use of the substance/mixture : Industrial use, Professional use

: Epoxy Base - Industrial flooring & wall coatings

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Supplier	Other
Altro Resin Systems	Altro GmbH
Unit 3 Station Road Industrial Estate	Ebertallee 209
Station Road	06846 Dessau-Roßlau
GB– DT2 0AE Maiden Newton Dorchester	DE
T 01300 320620	T +49 (0) 340 6500-0
sds@altro.com - www.altro.com	

1.4. Emergency telephone number

Emergency number

. ...

: 01462 480480 Monday - Friday 09:00-17:00

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]	
Skin corrosion/irritation, Category 2	H315
Serious eye damage/eye irritation, Category 2	H319
Skin sensitisation, Category 1	H317
Hazardous to the aquatic environment – Chronic Hazard, Category 2	H411
Full text of H- and EUH-statements: see section 16	

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to	Regulation	(EC) No.	1272/2008	[CLP]
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Hazard pictograms (CLP)

	GHS07 GHS09
Signal word (CLP)	: Warning
Contains	: Bisphenol A/F Resin
Hazard statements (CLP)	: H315 - Causes skin irritation.
	H317 - May cause an allergic skin reaction.
	H319 - Causes serious eye irritation.
	H411 - Toxic to aquatic life with long lasting effects.

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Precautionary statements (CLP)	: P261 - Avoid breathing spray, vapours.
	P264 - Wash Skin or affected areas thoroughly after handling.
	P280 - Wear protective clothing, eye protection, face protection, protective gloves.
	P321 - Specific treatment (see supplemental first aid instruction on this label).
	P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
	P337+P313 - If eye irritation persists: Get medical advice/attention.
	P362+P364 - Take off contaminated clothing and wash it before reuse.
	P391 - Collect spillage.

2.3. Other hazards

Contains no PBT/vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

Component	
Bisphenol A/F Resin(25068-38-6)	The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Bisphenol A/F Resin	CAS-No.: 25068-38-6 EC-No.: 500-033-5 EC Index-No.: 603-074-00-8	≥ 75	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 2, H411
BENZYL ALCOHOL	CAS-No.: 100-51-6 EC-No.: 202-859-9 EC Index-No.: 603-057-00-5 REACH-no: 01-2119492630- 38	≥ 5 – < 10	Acute Tox. 4 (Oral), H302 (ATE=500 mg/kg bodyweight) Acute Tox. 4 (Inhalation), H332 (ATE=1.5 mg/l/4h)
Aerosil R208 substance with national workplace exposure limit(s) (GB)	CAS-No.: 67762-90-7	≥1-<3	Not classified

Specific concentration limits:		
Name	Product identifier	Specific concentration limits
Bisphenol A/F Resin	CAS-No.: 25068-38-6 EC-No.: 500-033-5 EC Index-No.: 603-074-00-8	(5 ≤C ≤ 100) Eye Irrit. 2, H319 (5 ≤C ≤ 100) Skin Irrit. 2, H315

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

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SECTION 4: First aid measures	
4.1. Description of first aid measures	
First-aid measures after inhalation	 Remove person to fresh air and keep comfortable for breathing. Get medical advice/attention if you feel unwell.
First-aid measures after skin contact	: After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Rinse mouth out with water. Get medical advice/attention if you feel unwell.
4.2. Most important symptoms and e	ffects, both acute and delayed
Symptoms/effects after inhalation	: Inhalation may cause irritation (cough, short breathing, difficulty in breathing).
Symptoms/effects after skin contact Symptoms/effects after eye contact	 May cause skin irritation. May cause eye irritation. redness, itching, tears.
Symptoms/effects after ingestion	: May cause redness and soreness of the mouth and throat.
4.3. Indication of any immediate med	ical attention and special treatment needed

No specific recommendations.

SECTION 5: Firefighting measure	es esta esta esta esta esta esta esta es
5.1. Extinguishing media	
Suitable extinguishing media	: Use extinguishing agent suitable for surrounding fire. Use water spray to cool containers.
5.2. Special hazards arising from the	substance or mixture
Fire hazard	: In combustion emits toxic fumes.
5.3. Advice for firefighters	
Protection during firefighting	: Use self-contained breathing apparatus and chemically protective clothing.

SECTION 6: Accidental release measures			
6.1. Personal precautions, protective equipm	ent and emergency procedures		
	Refer to protective measures listed in Sections 7 and 8. Evacuate unnecessary personnel. Keep upwind. Ventilate spillage area. Turn leaking containers leak-side up to prevent the escape of liquid.		
6.1.2. For emergency responders No additional information available			
6.2. Environmental precautions			
Contain the spilled material by bunding. Do not allow to enter drains or water courses.			
6.3. Methods and material for containment and cleaning up			
Methods for cleaning up :	Clean up any spills as soon as possible, using an absorbent material to collect it. Collect leaking and spilled liquid in sealable containers as far as possible.		

6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For further information refer to section 13.

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SECTION 7: Handling and storage		
7.1. Precautions for safe handling		
Precautions for safe handling	: Do not handle until all safety precautions have been read and understood. Avoid direct contact with the substance. Use personal protective equipment as required. Provide good ventilation in process area to prevent formation of vapour. Do not breathe vapours.	
7.2. Conditions for safe storage, including any incompatibilities		
Storage conditions	: Keep container closed when not in use. Store in a well-ventilated place. Keep cool. Store in a dry place. Store in a closed container.	

7.3. Specific end use(s)

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

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

Aerosil R208 (67762-90-7)	
United Kingdom - Occupational Exposure Limits	
WEL TWA (OEL TWA) [1]	6 mg/m³
WEL STEL (OEL STEL)	2.4 mg/m ³

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Provide local exhaust or general room ventilation. The floor of the storage room must be impermeable to prevent the escape of liquids.

8.2.2. Personal protection equipment

Personal protective equipment:

Gloves. Protective clothing. Safety glasses.

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection: Wear eye protection

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8.2.2.2. Skin protection

Skin and body protection:

Avoid contact with skin

8.2.2.3. Respiratory protection

Respiratory protection:

No respiratory protection needed under normal use conditions. In case of insufficient ventilation, wear suitable respiratory equipment

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Colour : Not availab	le
Appearance : Liquid.	
Odour : characteris	tic.
Odour threshold : Not availab	le
Melting point : 50 °C	
Freezing point : Not availab	le
Boiling point : > 200 °C	
Flammability : Not availab	le
Explosive limits : Not availab	le
Lower explosion limit : Not availab	le
Upper explosion limit : Not availab	le
Flash point: > 100 °C	
Auto-ignition temperature : Not availab	le
Decomposition temperature : Not availab	le
pH : pH (concer	ntrated solution): 7
Viscosity, kinematic : 530.973 mi	m²/s
Viscosity, dynamic : 600 mPa·s	@ 20°C
Solubility : Not availab	le
Partition coefficient n-octanol/water (Log Kow) : Not availab	le
Vapour pressure : Not availab	le
Vapour pressure at 50°C : Not availab	le
Density : 1.13 g/cm ³	@ 20°C
Relative density : Not availab	le
Relative vapour density at 20°C : Not availab	le
Particle characteristics : Not applica	ble

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Reacts with (strong) oxidizers.

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10.2. Chemical stability
Stable under normal conditions of use.
10.3. Possibility of hazardous reactions
Strong acids. Strong bases. Strong oxidizing agents.
10.4. Conditions to avoid
Heat.
10.5. Incompatible materials
Strong acids. Strong bases. Strong oxidizing agents.

10.6. Hazardous decomposition products

In combustion emits toxic fumes.

11.1. Information on hazard classes as	s defined in Regulation (EC) No 1272/2008
Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified
BENZYL ALCOHOL (100-51-6)	
LD50 oral	1580 mg/kg bodyweight Animal: mouse, Guideline: OECD Guideline 401 (Acute Oral Toxicity), 95% CL: 1410 - 1770
LD50 dermal rabbit	> 2000 mg/kg bodyweight Animal: rabbit, Guideline: EPA OTS 798.1100 (Acute Derma Toxicity), Remarks on results: other:
LC50 Inhalation - Rat	> 4178 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity), Remarks on results: other:
Bisphenol A/F Resin (25068-38-6)	
LD50 oral rat	> 2000 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 420 (Acute Oral Toxicity - Fixed Dose Method)
Aerosil R208 (67762-90-7)	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rat	> 2000 mg/kg
Skin corrosion/irritation	: Causes skin irritation.
	pH: pH (concentrated solution): 7
Serious eye damage/irritation	: Causes serious eye irritation.
	pH: pH (concentrated solution): 7
Respiratory or skin sensitisation	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified : Not classified
Carcinogenicity Reproductive toxicity	: Not classified : Not classified
STOT-single exposure	: Not classified
STOT-single exposure STOT-repeated exposure	: Not classified
BENZYL ALCOHOL (100-51-6)	
NOAEL (oral, rat, 90 days)	400 mg/kg bodyweight Animal: rat, Guideline: other:
Aspiration hazard	: Not classified
Altro Screed Rapicure Seal Coat Base	9
Viscosity, kinematic	530.973 mm²/s
17/00/0000 (Devision data)	

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BENZYL ALCOHOL (100-51-6)	
Viscosity, kinematic	0.005 mm²/s
11.2. Information on other hazards	

No additional information available

SECTION 12: Ecological information	
12.1. Toxicity	
Hazardous to the aquatic environment, short–term : (acute)	Not classified Toxic to aquatic life with long lasting effects.
BENZYL ALCOHOL (100-51-6)	
LC50 - Fish [1]	460 mg/l Test organisms (species): Pimephales promelas
EC50 - Crustacea [1]	230 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	770 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
EC50 72h - Algae [2]	500 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
EC50 96h - Algae [1]	76828 mg/l Test organisms (species): other:
NOEC chronic fish	48897 mg/l Test organisms (species): other: Duration: '30 d'
Bisphenol A/F Resin (25068-38-6)	
EC50 - Crustacea [1]	≈ 2 mg/l Test organisms (species): Daphnia magna
Aerosil R208 (67762-90-7)	
LC50 - Fish [1]	> 10000 mg/l
12.2. Persistence and degradability	
BENZYL ALCOHOL (100-51-6)	
Persistence and degradability	Readily biodegradable.
12.3. Bioaccumulative potential	
No additional information available	
12.4. Mobility in soil	
No additional information available	
12.5. Results of PBT and vPvB assessment	
No additional information available	
12.6. Endocrine disrupting properties	
No additional information available	
12.7. Other adverse effects	
No additional information available	

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13.1. Waste treatment methods	
Regional legislation (waste)	: Disposal must be done according to official regulations.
Waste treatment methods	: Must follow special treatment according to local regulation.
Ecology - waste materials	: Avoid release to the environment.
HP Code	: HP4 - "Irritant – skin irritation and eye damage:" waste which on application can cause ski irritation or damage to the eye.
	HP13 - "Sensitising:" waste which contains one or more substances known to cause sensitising effects to the skin or the respiratory organs.
	HP14 - "Ecotoxic:" waste which presents or may present immediate or delayed risks for or
	or more sectors of the environment

SECTION 14: Transport information

ADR	IMDG	ADN	RID		
14.1. UN number or ID number					
UN 3082	UN 3082	UN 3082	UN 3082		
14.2. UN proper shipping name					
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Bisphenol A/F- Epoxy Resins MW<700,	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Bisphenol A/F-Epoxy Resins MW<700, Benzyl alcohol).)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Bisphenol A/F- Epoxy Resins MW<700,	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Bisphenol A/F- Epoxy Resins MW<700,		
Benzyl alcohol).) Benzyl alcohol).) Benzyl alcohol).) Transport document description Image: Comparison of the second seco					
UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Bisphenol A/F-Epoxy Resins MW<700, Benzyl alcohol).), 9, III,	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,		
(ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Bisphenol A/F- Epoxy Resins MW<700, Benzyl alcohol).), 9, III, (-)	MARINE POLLUTANT	N.O.S. (ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Bisphenol A/F- Epoxy Resins MW<700, Benzyl alcohol).), 9, III	N.O.S. (ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Bisphenol A/F- Epoxy Resins MW<700 Benzyl alcohol).), 9, III		
14.3. Transport hazard class(es)					
9	9	9	9		
14.4. Packing group					
	III		III		

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ADR	IMDG ADN		RID	
14.5. Environmental hazards				
Dangerous for the environment: Yes			Dangerous for the environment: Yes	
No supplementary information available				

14.6. Special precautions for user

Overland transport Classification code (ADR)	:	M6
Special provisions (ADR)	:	274, 335, 375, 601
Limited quantities (ADR)		51
Excepted quantities (ADR)		E1
Packing instructions (ADR)	:	P001, IBC03, LP01, R001
Special packing provisions (ADR)	:	PP1
Mixed packing provisions (ADR)	:	MP19
Portable tank and bulk container instructions (ADR)	:	T4
Portable tank and bulk container special provisions (ADR)	:	TP1, TP29
Tank code (ADR)	:	LGBV
Vehicle for tank carriage	:	AT
Transport category (ADR)	:	3
Special provisions for carriage - Packages (ADR)	:	V12
Special provisions for carriage - Loading, unloading	:	CV13
and handling (ADR)		
Hazard identification number (Kemler No.)	:	90
Orange plates	:	00
		90 3082
		2002
		3082
Tunnel restriction code (ADR)		-
EAC code		•3Z
	•	02
Transport by sea		
Special provisions (IMDG)		274, 335, 969
Limited quantities (IMDG)		5 L
Excepted quantities (IMDG)		E1
Packing instructions (IMDG)		LP01, P001
Special packing provisions (IMDG)		PP1
IBC packing instructions (IMDG)		IBC03
Tank instructions (IMDG)		T4
Tank special provisions (IMDG)		TP1, TP29
EmS-No. (Fire)		F-A
		S-F
EmS-No. (Spillage) Stowage category (IMDG)	:	A
Slowage calegory (INDG)	•	A
Inland waterway transport		
Classification code (ADN)		M6
Special provisions (ADN)	:	274, 335, 375, 601
Limited quantities (ADN)		5 L
Excepted quantities (ADN)	:	E1
Carriage permitted (ADN)	:	T
	:	PP
Equipment required (ADN)	:	
Number of blue cones/lights (ADN)	-	0
Rail transport		
Classification code (RID)		M6
Special provisions (RID)	:	
Limited quantities (RID)	:	274, 335, 375, 601 51
Excepted quantities (RID)	:	5L E1
Livepieu quantities (ND)	•	

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Packing instructions (RID) Special packing provisions (RID) Mixed packing provisions (RID) Portable tank and bulk container instructions (RID)	:	P001, IBC03, LP01, R001 PP1 MP19 T4
Portable tank and bulk container special provisions (RID)	:	TP1, TP29
Tank codes for RID tanks (RID) Transport category (RID) Special provisions for carriage – Packages (RID) Special provisions for carriage - Loading, unloading	:	LGBV 3 W12 CW13, CW31
and handling (RID) Colis express (express parcels) (RID) Hazard identification number (RID)	-	CE8 90

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information	
Full text of H- and EUH-statements:	
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4

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Full text of H- and EUH-statements:	
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H411	Toxic to aquatic life with long lasting effects.
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1

The classification complies with

: ATP 12

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.