



SAFETY DATA SHEET

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

BOSTIK ARDACOLOR XTREM EASY OLD WHITE - RESIN
Supersedes date 27-Oct-2023

Revision date 23-Apr-2025
Revision Number 1.03

This Safety Data Sheet is prepared voluntarily: it is not required according to Article 31 of Regulation (EC) No 1907/2006

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

1.1. Product identifier

Product Name BOSTIK ARDACOLOR XTREM EASY OLD WHITE - RESIN

Form This substance/ mixture contains nanoforms

Other means of identification

Pure substance/mixture Mixture

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

Recommended use Resin

Uses advised against None known

1.3. Details of the supplier of the safety data sheet

Company Name

Bostik GmbH
Industriestrasse 3 – 11
33829 Borgholzhausen, Germany
Tel: +49 (0) 5425 / 801 0
Fax: +49 (0) 5425 / 801 140

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

1.4. Emergency telephone number

Emergency Telephone
Ireland

NPIC - National Poison Information Centre
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)
Bostik: +44 (1785) 272650 (9am to 5pm Mon-Fri)
112

United Kingdom
Europe

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

Skin irritation	Category 2 - (H315)
Eye irritation	Category 2 - (H319)
Skin sensitisation	Category 1 - (H317)
Hazardous to the aquatic environment - chronic	Category 3 - (H412)

2.2. Label elements

Contains bis-[4-(2,3-epoxipropoxy)phenyl]propane; Reaction mass of 2,2'-[methylenebis(4,1-phenyleneoxymethylene)]dioxirane and [2-({ 2-[4-(oxiran-2-ylmethoxy)benzyl]phenoxy} methyl)oxirane and [2,2'-[methylenebis(2,1-phenyleneoxymethylene)]dioxirane; Glycidyl 4-tert-butylphenyl ether; Benzyl alcohol

SAFETY DATA SHEET

BOSTIK ARDACOLOR XTREM EASY OLD WHITE - RESIN
Supersedes date 27-Oct-2023

Revision date 23-Apr-2025
Revision Number 1.03

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]



Signal word
Warning

Hazard statements

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP].

H315 - Causes skin irritation.

H317 - May cause an allergic skin reaction.

H319 - Causes serious eye irritation.

H412 - Harmful to aquatic life with long lasting effects.

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

P261 - Avoid breathing vapours/spray

P273 - Avoid release to the environment

P280 - Wear protective gloves/protective clothing and eye/face protection

P302 + P352 - IF ON SKIN: Wash with plenty of water and soap

P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P337 + P313 - If eye irritation persists: Get medical advice/attention

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

Additional information

This product is part of a kit. Please also refer to the SDS for the other component(s) of the kit.

2.3. Other hazards

No information available.

PBT & vPvB

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

Endocrine Disruptor Information This product does not contain any known or suspected endocrine disruptors.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable

3.2 Mixtures

Chemical name	Weight-%	REACH registration number	EC No (EU Index No)	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific concentration limit (SCL)	M-Factor	M-Factor (long-term)	Notes
Quartz 14808-60-7	40 - <80	[5]	238-878-4	[B]	-	-	-	-
bis-[4-(2,3-epoxiprop	10 - <20	01-2119456619	216-823-5	Skin Irrit. 2 (H315)	Eye Irrit. 2 ::	-	-	-

SAFETY DATA SHEET

BOSTIK ARDACOLOR XTREM EASY OLD WHITE - RESIN
Supersedes date 27-Oct-2023

Revision date 23-Apr-2025
Revision Number 1.03

oxi)phenyl]propane 1675-54-3		-26-xxxx	(603-073-00-2)	Eye Irrit. 2 (H319) Skin Sens. 1 (H317) Aquatic Chronic 2 (H411) (EUH205)	C>=5% Skin Irrit. 2 :: C>=5%			
Reaction mass of 2,2'-[methylenebis(4, 1-phenyleneoxymeth ylene)]dioxirane and [2-({ 2-[4-(oxiran-2-ylmeth oxy)benzyl]phenoxy} methyl)oxirane and [2,2'-[methylenebis(2 ,1-phenyleneoxymet hylene)]dioxirane --	5 - <10	01-2119454392 -40-XXXX	701-263-0	Aquatic Chronic 2 (H411) Skin Irrit. 2 (H315) Skin Sens. 1 (H317)	-	-	-	-
Crystobalite 14464-46-1	5 - <10	No data available	238-455-4	[B]	-	-	-	-
Titanium dioxide 13463-67-7	1 - <5	01-2119489379 -17-XXXX	236-675-5 (022-006-00-2)	[C]	-	-	-	V,W,10
Glycidyl 4-tert-butylphenyl ether 3101-60-8	1 - <5	01-2119959496 -20-XXXX	221-453-2	Skin Sens. 1 (H317) Aquatic Chronic 2 (H411)	-	-	-	-
Benzyl alcohol 100-51-6	1 - <2.5	01-2119492630 -38-XXXX	202-859-9 (603-057-00-5)	Acute Tox. 4 (H302) Eye Irrit. 2 (H319) Skin Sens. 1B (H317)	-	-	-	-
Silica, cristobalite 14464-46-1	0.1 - <0.5	No data available	238-455-4	STOT RE 1 (H372)	-	-	-	-
Quartz (fine fraction) 14808-60-7	0.1 - <0.5	[5]	238-878-4	STOT RE 1 (H372)	-	-	-	-

NOTE [5] - This substance is exempted from registration according to the provisions of Article 2(7)(a) and Annex V of REACH Classification according to Regulation (EC) No. 1272/2008 [CLP] - Notes

[B] - Substance with a Community workplace exposure limit

[C] - Components with occupational exposure limits and/or biological occupational exposure limits requiring monitoring

Note V - If the substance is to be placed on the market as fibres (with diameter < 3 µm, length > 5 µm and aspect ratio ≥ 3:1) or particles of the substance fulfilling the WHO fibre criteria or as particles with modified surface chemistry, their hazardous properties must be evaluated in accordance with Title II of this Regulation, to assess whether a higher category (Carc. 1B or 1A) and/or additional routes of exposure (oral or dermal) should be applied.

Note W - It has been observed that the carcinogenic hazard of this substance arises when respirable dust is inhaled in quantities leading to significant impairment of particle clearance mechanisms in the lung. This note aims to describe the particular toxicity of the substance; it does not constitute a criterion for classification according to this Regulation.

Note 10 - The classification as a carcinogen by inhalation applies only to mixtures in powder form containing 1 % or more of titanium dioxide which is in the form of or incorporated in particles with aerodynamic diameter ≤ 10 µm.

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

Acute Toxicity Estimate

If LD50/LC50 data is not available or does not correspond to the classification category, then the appropriate conversion value from CLP Annex I, Table 3.1.2, is used to calculate the acute toxicity estimate (ATEmix) for classifying a mixture based on its components

SAFETY DATA SHEET

BOSTIK ARDACOLOR XTREM EASY OLD WHITE - RESIN
Supersedes date 27-Oct-2023

Revision date 23-Apr-2025
Revision Number 1.03

Chemical name	EC No (EU Index No)	CAS No.	Oral LD50 mg/kg	Dermal LD50 mg/kg	Inhalation LC50 - 4 hour - dust/mist - mg/L	Inhalation LC50 - 4 hour - vapour - mg/L	Inhalation LC50 - 4 hour - gas - ppm
Quartz	238-878-4	14808-60-7	-	-	-	-	-
bis-[4-(2,3-epoxipropoxy)phenyl]propane	216-823-5 (603-073-00-2)	1675-54-3	-	-	-	-	-
Reaction mass of 2,2'-[methylenebis(4,1-phenyleneoxymethylene)]dioxirane and [2-{2-[4-(oxiran-2-ylmethoxy)benzyl]phenoxy}methyl]oxirane and [2,2'-[methylenebis(2,1-phenyleneoxymethylene)]dioxirane	701-263-0	--	-	-	-	-	-
Crystobalite	238-455-4	14464-46-1	-	-	-	-	-
Titanium dioxide	236-675-5 (022-006-00-2)	13463-67-7	-	-	-	-	-
Glycidyl 4-tert-butylphenyl ether	221-453-2	3101-60-8	-	-	-	-	-
Benzyl alcohol	202-859-9 (603-057-00-5)	100-51-6	1200	-	-	-	-
Silica, cristobalite	238-455-4	14464-46-1	-	-	-	-	-
Quartz (fine fraction)	238-878-4	14808-60-7	-	-	-	-	-

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

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice	If medical advice is needed, have product container or label at hand. Show this safety data sheet to the doctor in attendance.
Inhalation	Remove to fresh air. Get medical attention immediately if symptoms occur.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Consult an ophthalmologist.
Skin contact	Wash off immediately with soap and plenty of water. In the case of skin irritation or allergic reactions see a doctor.
Ingestion	Do NOT induce vomiting. If swallowed, rinse mouth with water (only if the person is conscious). Call a doctor or poison control centre immediately.
Self-protection of the first aider	Avoid contact with skin, eyes or clothing. Wear personal protective clothing (see section 8).

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

Symptoms	Itching. Rashes. Hives.
Effects of Exposure	No information available.

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

SAFETY DATA SHEET

BOSTIK ARDACOLOR XTREM EASY OLD WHITE - RESIN
Supersedes date 27-Oct-2023

Revision date 23-Apr-2025
Revision Number 1.03

Note to doctors May cause sensitisation in susceptible persons. 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.

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 monoxide. Carbon dioxide (CO₂).

5.3. Advice for firefighters

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

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Avoid breathing vapours or mists. Ensure adequate ventilation. Use personal protective equipment as required. Avoid contact with skin, eyes or clothing.

Other information Refer to protective measures listed in Sections 7 and 8.

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.

6.3. Methods and material for containment and cleaning up

Methods for containment Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.

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. Avoid breathing vapours or mists. Avoid contact with skin, eyes or clothing. Use personal protection equipment. This product is part of a kit. Please also refer to the SDS for the other component(s) of the kit.

General hygiene considerations Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product. Take off all contaminated clothing and wash it

SAFETY DATA SHEET

BOSTIK ARDACOLOR XTREM EASY OLD WHITE - RESIN
Supersedes date 27-Oct-2023

Revision date 23-Apr-2025
Revision Number 1.03

before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from food, drink and animal feedingstuffs.

Recommended storage temperature Keep at temperatures between 5 and 35 °C.

7.3. Specific end use(s)

Specific use(s)
Resin.

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 This product contains titanium dioxide in a non-respirable form. Inhalation of titanium dioxide is unlikely to occur from exposure to this product This product contains crystalline silica (quartz) in a non-respirable form. Inhalation of crystalline silica is unlikely to occur from exposure to this product

Chemical name	European Union	Ireland	United Kingdom
Quartz 14808-60-7	TWA: 0.1 mg/m ³ ;	TWA: 0.1 mg/m ³ ; respirable dust STEL: 0.3 mg/m ³ ;	TWA: 0.1 mg/m ³ ; respirable fraction STEL: 0.3 mg/m ³ ; respirable
Crystobalite 14464-46-1	TWA: 0.1 mg/m ³ ;	TWA: 0.1 mg/m ³ ; respirable dust STEL: 0.3 mg/m ³ (calculated); respirable dust	TWA: 0.1 mg/m ³ ; respirable fraction STEL: 0.3 mg/m ³ ; respirable
Titanium dioxide 13463-67-7	-	TWA: 10 mg/m ³ ; total inhalable dust TWA: 4 mg/m ³ ; respirable dust STEL: 30 mg/m ³ (calculated); respirable dust STEL: 12 mg/m ³ (calculated);	TWA: 10 mg/m ³ ; total inhalable TWA: 4 mg/m ³ ; respirable STEL: 30 mg/m ³ ; total inhalable STEL: 12 mg/m ³ ; respirable
Kaolin 1332-58-7	-	TWA: 2 mg/m ³ ; respirable dust	TWA: 2 mg/m ³ ; respirable dust STEL: 6 mg/m ³ ; respirable dust
Silica, cristobalite 14464-46-1	TWA: 0.1 mg/m ³ ;	TWA: 0.1 mg/m ³ ; respirable dust STEL: 0.3 mg/m ³ (calculated); respirable dust	TWA: 0.1 mg/m ³ ; respirable fraction STEL: 0.3 mg/m ³ ; respirable
Quartz (fine fraction) 14808-60-7	TWA: 0.1 mg/m ³ ;	TWA: 0.1 mg/m ³ ; respirable dust STEL: 0.3 mg/m ³ ;	TWA: 0.1 mg/m ³ ; respirable fraction STEL: 0.3 mg/m ³ ; respirable

Derived No Effect Level (DNEL) No information available

Derived No Effect Level (DNEL)

Quartz (14808-60-7)

bis-[4-(2,3-epoxipropoxy)phenyl]propane (1675-54-3)

SAFETY DATA SHEET

BOSTIK ARDACOLOR XTREM EASY OLD WHITE - RESIN
Supersedes date 27-Oct-2023

Revision date 23-Apr-2025
Revision Number 1.03

Type	Exposure route	Derived No Effect Level (DNEL)	Safety factor
worker Long term Systemic health effects	Inhalation	12.25 mg/m ³	
worker Short term Systemic health effects	Inhalation	12.25 mg/m ³	
worker Long term Systemic health effects	Dermal	8.33 mg/kg bw/d	
worker Short term Systemic health effects	Dermal	8.33 mg/kg bw/d	

Reaction mass of 2,2'-[methylenebis(4,1-phenyleneoxymethylene)]dioxirane and [2-{2-[4-(oxiran-2-ylmethoxy)benzyl]phenoxy} methyl]oxirane and [2,2'-[methylenebis(2,1-phenyleneoxymethylene)]dioxirane (--)

Type	Exposure route	Derived No Effect Level (DNEL)	Safety factor
worker Long term Systemic health effects	Inhalation	29,39 mg/m ³	
worker Long term Systemic health effects	Dermal	104,15 mg/kg bw/d	

Titanium dioxide (13463-67-7)

Type	Exposure route	Derived No Effect Level (DNEL)	Safety factor
worker Long term Local health effects	Inhalation	10 mg/m ³	

Benzyl alcohol (100-51-6)

Type	Exposure route	Derived No Effect Level (DNEL)	Safety factor
worker Long term Systemic health effects	Inhalation	22 mg/m ³	
worker Short term Systemic health effects	Inhalation	110 mg/m ³	
worker Long term Systemic health effects	Dermal	8 mg/kg bw/d	
worker Short term Systemic health effects	Dermal	40 mg/kg bw/d	

Derived No Effect Level (DNEL)

bis-[4-(2,3-epoxipropoxy)phenyl]propane (1675-54-3)

Type	Exposure route	Derived No Effect Level (DNEL)	Safety factor
Consumer Long term Systemic health effects	Dermal	3.571 mg/kg bw/d	
Consumer	Dermal	3.571 mg/kg bw/d	

SAFETY DATA SHEET

BOSTIK ARDACOLOR XTREM EASY OLD WHITE - RESIN
Supersedes date 27-Oct-2023

Revision date 23-Apr-2025
Revision Number 1.03

Short term Systemic health effects			
Consumer Long term Systemic health effects	Oral	0.75 mg/kg bw/d	
Consumer Short term Systemic health effects	Dermal	0.75 mg/kg bw/d	

Reaction mass of 2,2'-[methylenebis(4,1-phenyleneoxymethylene)]dioxirane and [2-([4-(oxiran-2-ylmethoxy)benzyl]phenoxy) methyl]oxirane and [2,2'-[methylenebis(2,1-phenyleneoxymethylene)]dioxirane (--)]

Type	Exposure route	Derived No Effect Level (DNEL)	Safety factor
Consumer Long term Systemic health effects	Inhalation	8,7 mg/m ³	
Consumer Long term Systemic health effects	Dermal	62,5 mg/kg bw/d	
Consumer Long term Systemic health effects	Oral	6,25 mg/kg bw/d	

Titanium dioxide (13463-67-7)

Type	Exposure route	Derived No Effect Level (DNEL)	Safety factor
Consumer Long term Systemic health effects	Oral	700 mg/kg bw/d	

Benzyl alcohol (100-51-6)

Type	Exposure route	Derived No Effect Level (DNEL)	Safety factor
Consumer Long term Systemic health effects	Inhalation	5.4 mg/m ³	
Consumer Short term Systemic health effects	Inhalation	27 mg/m ³	
Consumer Long term Systemic health effects	Dermal	4 mg/kg bw/d	
Consumer Short term Systemic health effects	Dermal	20 mg/kg bw/d	
Consumer Long term Systemic health effects	Oral	4 mg/kg bw/d	
Consumer Short term Systemic health effects	Oral	20 mg/kg bw/d	

Quartz (fine fraction) (14808-60-7)

Predicted No Effect Concentration (PNEC)

Predicted No Effect Concentration (PNEC)

SAFETY DATA SHEET

BOSTIK ARDACOLOR XTREM EASY OLD WHITE - RESIN
Supersedes date 27-Oct-2023

Revision date 23-Apr-2025
Revision Number 1.03

bis-[4-(2,3-epoxipropoxy)phenyl]propane (1675-54-3)	
Environmental compartment	Predicted No Effect Concentration (PNEC)
Freshwater	0.006 mg/l
Marine water	0.001 mg/l
Sewage treatment plant	10 mg/l
Freshwater sediment	0.996 mg/kg dry weight
Marine sediment	0.1 mg/kg dry weight
Soil	0.196 mg/kg dry weight

Reaction mass of 2,2'-[methylenebis(4,1-phenyleneoxymethylene)]dioxirane and [2-([2-[4-(oxiran-2-ylmethoxy)benzyl]phenoxy) methyl]oxirane and [2,2'-[methylenebis(2,1-phenyleneoxymethylene)]dioxirane (--)]	
Environmental compartment	Predicted No Effect Concentration (PNEC)
Freshwater	0,003 mg/l
Freshwater - intermittent	0,025 mg/l
Sewage treatment plant	10 mg/l
Marine water	0 mg/l
Freshwater sediment	0,294 mg/kg dry weight
Marine sediment	0,029 mg/kg dry weight
Soil	0,237 mg/kg dry weight

Crystobalite (14464-46-1)	
Titanium dioxide (13463-67-7)	
Environmental compartment	Predicted No Effect Concentration (PNEC)
Marine water	0.0184 mg/l
Freshwater sediment	1000 mg/kg
Freshwater	0.184 mg/l
Marine sediment	100 mg/kg
Soil	100 mg/kg
Microorganisms in sewage treatment	100 mg/l
Freshwater - intermittent	0.193 mg/l

Benzyl alcohol (100-51-6)	
Environmental compartment	Predicted No Effect Concentration (PNEC)
Freshwater	1 mg/l
Marine water	0.1 mg/l
Microorganisms in sewage treatment	39 mg/l
Freshwater sediment	5.27 mg/kg dry weight
Marine sediment	0.527 mg/kg dry weight
Soil	0.456 mg/kg dry weight
Freshwater - intermittent	2,3 mg/l

Quartz (fine fraction) (14808-60-7)
--

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: 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. Unsuitable gloves materials: Disposable gloves. Leather. Gloves must conform to standard EN 374
Skin and body protection	Wear suitable protective clothing.
Respiratory protection	During spraying wear suitable respiratory equipment. In case of inadequate ventilation wear respiratory protection.
Recommended filter type:	Wear a respirator conforming to EN 140 with Type A/P2 filter or better. Organic gases and vapours filter conforming to EN 14387.

SAFETY DATA SHEET

BOSTIK ARDACOLOR XTREM EASY OLD WHITE - RESIN
Supersedes date 27-Oct-2023

Revision date 23-Apr-2025
Revision Number 1.03

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	Liquid
Appearance	Paste
Colour	White
Odour	Characteristic.

Property	Values	Remarks • Method
Melting point / freezing point	No data available	None known
Initial boiling point and boiling range	> 200 °C	None known
Flammability	No data available	
Flammability Limit in Air		None known
Upper flammability or explosive limits	No data available	
Lower flammability or explosive limits	No data available	
Flash point	> 130 °C	CC (closed cup)
Autoignition temperature	No data available	Not applicable
Decomposition temperature		None known
pH	No data available	Not applicable. Substance/mixture is non-polar/aprotic.
pH (as aqueous solution)	No data available	
Kinematic viscosity	No data available	
Dynamic viscosity	No data available	
Water solubility	Immiscible in water.	
Solubility(ies)	No data available	
Partition coefficient	No data available	
Vapour pressure	No data available	
Relative density	1.7 - 1.8	
Bulk density	No data available	
Liquid Density	1.7 - 1.8 g/cm ³	
Relative vapour density	No data available	
Particle characteristics		
Particle Size	No information available	
Particle Size Distribution	No information available	

9.2. Other information

Solid content (%)	No information available	
VOC content		No data available

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 Stable under recommended storage conditions.

10.2. Chemical stability

Stability Stable under normal conditions.

SAFETY DATA SHEET

BOSTIK ARDACOLOR XTREM EASY OLD WHITE - RESIN
Supersedes date 27-Oct-2023

Revision date 23-Apr-2025
Revision Number 1.03

Explosion data

Sensitivity to mechanical impact None.
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 None known based on information supplied.

10.5. Incompatible materials

Incompatible materials Strong acids. Strong bases. Strong oxidising agents.

10.6. Hazardous decomposition products

Hazardous decomposition products None under normal use 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 Causes serious eye irritation.
Skin contact Causes skin irritation. May cause sensitisation by skin contact.
Ingestion Based on available data, the classification criteria are not met.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms Itching. Rashes. Hives.

Acute toxicity

Numerical measures of toxicity

The following ATE values have been calculated for the mixture

ATEmix (oral) >2000 mg/kg
ATEmix (dermal) >2000 mg/kg
ATEmix (inhalation-gas) >20000 ppm
ATEmix (inhalation-dust/mist) >5 mg/l
ATEmix (inhalation-vapour) >20 mg/l

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Quartz	>2000 mg/kg (Rattus)	-	-
bis-[4-(2,3-epoxipropoxy)phenyl]	=11300 µL/kg (Rattus)	LD50 >2000 mg/Kg (Rattus)	-

SAFETY DATA SHEET

BOSTIK ARDACOLOR XTREM EASY OLD WHITE - RESIN
Supersedes date 27-Oct-2023

Revision date 23-Apr-2025
Revision Number 1.03

propane			
Reaction mass of 2,2'-[methylenebis(4,1-phenyleneoxymethylene)]dioxirane and [2-{2-[4-(oxiran-2-ylmethoxy)benzyl]phenoxy} methyl]oxirane and [2,2'-[methylenebis(2,1-phenyleneoxymethylene)]dioxirane	LD50 > 5000 mg/kg (rattus) OECD 401	LD50 > 2000 mg/kg (rattus) OECD Guideline 402	-
Titanium dioxide	>10000 mg/kg (Rattus)	LD50 > 5000 mg/Kg	= 5.09 mg/L (Rattus) 4 h
Glycidyl 4-tert-butylphenyl ether	>2000 mg/Kg (Rattus) (OECD 425)	> 2000 mg/kg (Rattus) (OECD 402)	-
Benzyl alcohol	LD50 = 1620 mg/kg (Rattus)	> 2 g/kg (Oryctolagus cuniculus)	>4.17 mg/L (Rattus) 4 h (OECD TG 403)
Quartz (fine fraction)	>2000 mg/kg (Rattus)	-	-

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

Skin corrosion/irritation Causes skin irritation.

Titanium dioxide (13463-67-7)					
Method	Species	Exposure route	Effective dose	Exposure time	Results
OECD Test No. 404: Acute Dermal Irritation/Corrosion	Rabbit	Dermal			Non-irritant

Quartz (fine fraction) (14808-60-7)					
Serious eye damage/eye irritation Causes serious eye irritation.					

Titanium dioxide (13463-67-7)					
Method	Species	Exposure route	Effective dose	Exposure time	Results
OECD Test No. 405: Acute Eye Irritation/Corrosion	Rabbit	Eye			Non-irritant

Respiratory or skin sensitisation May cause an allergic skin reaction.

Titanium dioxide (13463-67-7)					
Glycidyl 4-tert-butylphenyl ether (3101-60-8)					
Method	Species	Exposure route	Results		
OECD Test No. 429: Skin Sensitization	Mouse	Dermal	Sensitising		

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

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

Chemical name	European Union
Titanium dioxide	Carc. 2

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

SAFETY DATA SHEET

BOSTIK ARDACOLOR XTREM EASY OLD WHITE - RESIN
Supersedes date 27-Oct-2023

Revision date 23-Apr-2025
Revision Number 1.03

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

11.2.2. Other information

Other adverse effects No information available.

Note: This product is part of a kit Please also refer to the SDS for the other component(s) of the kit

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity Harmful to aquatic life with long lasting effects.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea	M-Factor	M-Factor (long-term)
bis-[4-(2,3-epoxipropoxy)phenyl]propane 1675-54-3	EC50 (72h) = 9.4 mg/L (Scenedesmus capricornutum) EPA-660/3-75-009	1.5 mg/l 96Hr (Oncorhynchus mykiss) (OECD 203)	-	LD50 (48h) = 2.7 mg/L (Daphnia magna) (OECD 202)		
Reaction mass of 2,2'-[methylenebis(4,1-phenyleneoxymethylene)]dioxirane and [2-([2-[4-(oxiran-2-ylmethoxy)benzyl]phenoxy)methyl]oxirane and [2,2'-[methylenebis(2,1-phenyleneoxymethylene)]dioxirane --	EC50 (72h) = 1.8 mg/l	LC50 (96h) = 2.54 mg/l	-	EC50 (48h) = 2.55 mg/l (Daphnia magna)		
Titanium dioxide 13463-67-7	LC50 (96h) >10000 mg/l (Cyprinodon variegatus) OECD 203	-	-	-		
Glycidyl 4-tert-butylphenyl ether 3101-60-8	-	LC50: =7.5mg/L (96h, Oncorhynchus mykiss)	-	-		

SAFETY DATA SHEET

BOSTIK ARDACOLOR XTREM EASY OLD WHITE - RESIN
Supersedes date 27-Oct-2023

Revision date 23-Apr-2025
Revision Number 1.03

Benzyl alcohol 100-51-6	EC 50 (72h) = 700 mg/L (Pseudokirchner ella subcapitata) OECD 201	LC50 96 h = 460 mg/L (Pimephales promelas static)	EC50 = 50 mg/L 5 min EC50 = 63.7 mg/L 15 min EC50 = 63.7 mg/L 5 min EC50 = 71.4 mg/L 30 min	EC50 48 h = 230 mg/L (Daphnia magna)		
----------------------------	---	--	--	--	--	--

12.2. Persistence and degradability

Persistence and degradability No information available.

Quartz (14808-60-7)			
Benzyl alcohol (100-51-6)			
Method	Exposure time	Value	Results
OECD Test No. 301A: Ready Biodegradability: DOC Die-Away Test (TG 301 A)	21 days	95 - 97%	Readily biodegradable

12.3. Bioaccumulative potential

Bioaccumulation

Component Information

Chemical name	Partition coefficient
bis-[4-(2,3-epoxipropoxy)phenyl]propane	3.78
Reaction mass of 2,2'-[methylenebis(4,1-phenyleneoxymethylene)]dioxirane and [2-({ 2-[4-(oxiran-2-ylmethoxy)benzyl]phenoxy} methyl)oxirane and [2,2'-[methylenebis(2,1-phenyleneoxymethylene)]dioxirane	3.6
Glycidyl 4-tert-butylphenyl ether	3.59
Benzyl alcohol	1.05

12.4. Mobility in soil

Mobility in soil No information available.

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment Based on available data, the classification criteria are not met.

Chemical name	PBT and vPvB assessment
bis-[4-(2,3-epoxipropoxy)phenyl]propane	Not PBT/vPvB
Reaction mass of 2,2'-[methylenebis(4,1-phenyleneoxymethylene)]dioxirane and [2-({ 2-[4-(oxiran-2-ylmethoxy)benzyl]phenoxy} methyl)oxirane and [2,2'-[methylenebis(2,1-phenyleneoxymethylene)]dioxirane	Not PBT/vPvB
Titanium dioxide	Not PBT/vPvB
Glycidyl 4-tert-butylphenyl ether	Not PBT/vPvB
Benzyl alcohol	Not PBT/vPvB

12.6. Endocrine disrupting properties

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

12.7. Other adverse effects

Other adverse effects No information available.

PMT or vPvM properties Based on available data, the classification criteria are not met.

SAFETY DATA SHEET

BOSTIK ARDACOLOR XTREM EASY OLD WHITE - RESIN
Supersedes date 27-Oct-2023

Revision date 23-Apr-2025
Revision Number 1.03

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. Uncured product should be disposed of as hazardous waste.
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 15 01 10*: Packaging containing residues of or contaminated by 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	Not regulated
14.2 UN 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 precautions for user	
Special Provisions	None

IMDG

14.1 UN number or ID number	Not regulated
14.2 UN proper shipping name	Not regulated
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not regulated
14.5 Marine pollutant	NP
14.6 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)

14.1 UN number or ID number	Not regulated
14.2 UN 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 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

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

SAFETY DATA SHEET

BOSTIK ARDACOLOR XTREM EASY OLD WHITE - RESIN
Supersedes date 27-Oct-2023

Revision date 23-Apr-2025
Revision Number 1.03

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

Registration, Evaluation, Authorisation, 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 $\geq 0.1\%$ (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)

Export Notification requirements

This product does not contain substances which are regulated pursuant to Regulation (EC) No. 649/2012 of the European parliament and of the council concerning the export and import of dangerous chemicals above the level that triggers a labeling obligation under Regulation (EC) No 1272/2008. Therefore this product is not subject to prior informed consent notification.

Ozone-depleting substances (ODS) regulation (EC) 2024/590

Not applicable

Persistent Organic Pollutants

Not applicable

REGULATION (EU) 2019/1148 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 20 June 2019 on the marketing and use of explosives precursors

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 any hazard and/or precautionary statements referred to under Sections 2-15

EUH205 - Contains epoxy constituents. May produce an allergic reaction

H302 - Harmful if swallowed

H315 - Causes skin irritation

H317 - May cause an allergic skin reaction

H319 - Causes serious eye irritation

H372 - Causes damage to organs through prolonged or repeated exposure

H411 - Toxic to aquatic life with long lasting effects

Notes relating to the identification, classification and labelling of substances

SAFETY DATA SHEET

BOSTIK ARDACOLOR XTREM EASY OLD WHITE - RESIN
Supersedes date 27-Oct-2023

Revision date 23-Apr-2025
Revision Number 1.03

Note V - If the substance is to be placed on the market as fibres (with diameter < 3 µm, length > 5 µm and aspect ratio ≥ 3:1) or particles of the substance fulfilling the WHO fibre criteria or as particles with modified surface chemistry, their hazardous properties must be evaluated in accordance with Title II of this Regulation, to assess whether a higher category (Carc. 1B or 1A) and/or additional routes of exposure (oral or dermal) should be applied

Note W - It has been observed that the carcinogenic hazard of this substance arises when respirable dust is inhaled in quantities leading to significant impairment of particle clearance mechanisms in the lung. This note aims to describe the particular toxicity of the substance; it does not constitute a criterion for classification according to this Regulation

Notes relating to the classification and labelling of mixtures

Note 10 - The classification as a carcinogen by inhalation applies only to mixtures in powder form containing 1 % or more of titanium dioxide which is in the form of or incorporated in particles with aerodynamic diameter ≤ 10 µm

SVHC: Substances of Very High Concern for Authorisation:

PBT: Persistent, Bioaccumulative, and Toxic (PBT) Substances

vPvB: Very Persistent and very Bioaccumulative (vPvB) Substances

STOT RE: Specific target organ toxicity - Repeated exposure

STOT SE: Specific target organ toxicity - Single exposure

EWC: European Waste Catalogue

LOW: List of Wastes (see <http://ec.europa.eu/environment/waste/framework/list.htm>)

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

IATA: International Air Transport Association

ICAO: ICAO-TI: Technical Instructions for the Safe Transport of Dangerous Goods by Air

IMDG: International Maritime Dangerous Goods

RID: Regulations concerning the International Carriage of Dangerous Goods by Rail

Legend SECTION 8: Exposure controls/personal protection

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
AGW	Occupational exposure limit value	BGW	Biological limit value
Ceiling	Maximum limit value	Sk*	Skin designation

Classification procedure	
Classification according to Regulation (EC) No. 1272/2008 [CLP]	Method Used
Acute oral toxicity	Calculation method
Acute dermal toxicity	Calculation method
Acute inhalation toxicity - gas	Calculation method
Acute inhalation toxicity - vapour	Calculation method
Acute inhalation toxicity - dust/mist	Calculation method
Skin corrosion/irritation	Calculation method
Serious eye damage/eye irritation	Calculation method
Respiratory sensitisation	Calculation method
Skin sensitisation	Calculation method
Mutagenicity	Calculation method
Carcinogenicity	Calculation method
Reproductive toxicity	Calculation method
STOT - single exposure	Calculation method
STOT - repeated exposure	Calculation method
Chronic aquatic toxicity	Calculation method
Acute aquatic toxicity	Calculation method
Aspiration hazard	Calculation method
Ozone	Calculation method

Key literature references and sources for data used to compile the SDS

European Food Safety Authority (EFSA)

European Chemicals Agency (ECHA) Committee for Risk Assessment (ECHA_RAC)

European Chemicals Agency (ECHA) (ECHA_API)

Environmental Protection Agency

Acute Exposure Guideline Level(s) (AEGl(s))

International Uniform Chemical Information Database (IUCLID)

National Institute of Technology and Evaluation (NITE)

NIOSH (National Institute for Occupational Safety and Health)

Organisation for Economic Co-operation and Development Environment, Health, and Safety Publications

SAFETY DATA SHEET

BOSTIK ARDACOLOR XTREM EASY OLD WHITE - RESIN
Supersedes date 27-Oct-2023

Revision date 23-Apr-2025
Revision Number 1.03

Organisation for Economic Co-operation and Development High Production Volume Chemicals Programme
Organisation for Economic Co-operation and Development Screening Information Data Set

Prepared By	Product Safety & Regulatory Affairs
Revision date	23-Apr-2025
Revision Note	SDS sections updated: 2 3 8 9 13 15 16
Training Advice	Provide adequate information, instruction, and training for operator
Further information	No information available

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

Regulation (EC) No. 1907/2006 as amended by Regulation (EU) No. 2020/878, and Regulation (EC) No. 1272/2008

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet