



SAFETY DATA SHEET

DESIGNEPOXY 1210 ANTIQUE WHITE
Revision Number 1

Revision date 06-Jun-2022
Supersedes Date: 06-Jun-2022

Section 1: Identification: Product identifier and chemical identity

Product identifier

Product Name DESIGNNEPOXY 1210 ANTIQUE WHITE

Product Code(s)

30606705-A
30606705-A

Other means of identification

Pure substance/mixture Mixture

Recommended use of the chemical and restrictions on use

Recommended use Resin

Uses advised against No information available

Details of manufacturer or importer

Supplier

Bostik Australia Pty Ltd
51-71 High Street,
Thomastown Victoria
Australia
Tel: 613 9279-9333
Fax: 613 9279-9342

Manufacturer

Bostik GmbH
An der Bundesstrasse 16
33829 Borgholzhausen, Germany
Tel: +49 (0) 5425 / 801 0
Fax: +49 (0) 5425 / 801 140

ABN: 79 003 893 838

E-mail address au-bostik-sds@bostik.com

Emergency telephone number

Emergency telephone number 24-hr Emergency: 1800 033 111

Section 2: Hazard(s) identification

GHS Classification

Skin corrosion/irritation	Category 2 - (H315)
Serious eye damage/eye irritation	Category 2 - (H319)
Skin sensitization	Category 1 - (H317)
Carcinogenicity	Category 1A - (H350)

Label elements

Exclamation mark
Health hazard

SAFETY DATA SHEET

DESIGNEPOXY 1210 ANTIQUE WHITE
Revision Number 1

Revision date 06-Jun-2022
Supersedes Date: 06-Jun-2022



Signal word
DANGER

Hazard statements

H315 - Causes skin irritation
H317 - May cause an allergic skin reaction
H319 - Causes serious eye irritation
H350 - May cause cancer
Repeated exposure may cause skin dryness or cracking

Precautionary Statements - Prevention

Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
Wear protective gloves/clothing and eye/face protection
Wash face, hands and any exposed skin thoroughly after handling
Avoid breathing dust/fume/gas/mist/vapors/spray
Contaminated work clothing must not be allowed out of the workplace

Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention
IF IN EYES: 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
IF ON SKIN: Wash with plenty of water and soap
Take off contaminated clothing and wash it before reuse
If skin irritation or rash occurs: Get medical advice/attention

Precautionary Statements - Storage

Store locked up

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Other hazards which do not result in classification

No information available.

Standard for Uniform Scheduling of Medicines and Poisons (SUSMP)

No poisons schedule number allocated

Section 3: Composition and information on ingredients, in accordance with Schedule 8

Substance

Not applicable

Mixture

Chemical name	CAS No	Weight-%
bis-[4-(2,3-epoxipropoxy)phenyl]propane	1675-54-3	10 - <30
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	ECKNOWN	0 - <10
Crystobalite	14464-46-1	0 - <10
Oxirane, mono[(C12-14-alkyloxy)methyl] derivs.	68609-97-2	0 - <10
Quartz (fine fraction)	14808-60-7	0 - <10

SAFETY DATA SHEET

DESIGNEPOXY 1210 ANTIQUE WHITE
Revision Number 1

Revision date 06-Jun-2022
Supersedes Date: 06-Jun-2022

Non-hazardous ingredients	Proprietary	Balance
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Section 4: First aid measures

Emergency telephone number Poisons Information Center, Australia: 13 11 26
Poisons Information Center, New Zealand: 0800 764 766

Description of first aid measures

General advice Show this safety data sheet to the doctor in attendance. IF exposed or concerned: Get medical advice/attention.

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. Do not rub affected area. Get medical attention if irritation develops and persists.

Skin contact May cause an allergic skin reaction. In the case of skin irritation or allergic reactions see a physician. Wash off immediately with soap and plenty of water for at least 15 minutes.

Ingestion Rinse mouth. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a physician.

Self-protection of the first aider Avoid contact with skin, eyes or clothing. Wear personal protective clothing (see section 8).

Most important symptoms and effects, both acute and delayed

Symptoms Itching. Rashes. Hives. May cause redness and tearing of the eyes. Burning sensation.

Indication of any immediate medical attention and special treatment needed

Note to physicians May cause sensitization in susceptible persons. Treat symptomatically.

Section 5: Firefighting measures

Suitable Extinguishing Media

Suitable Extinguishing Media Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media No information available.

Specific hazards arising from the chemical

Specific hazards arising from the chemical Product is or contains a sensitizer. May cause sensitization by skin contact.

Hazardous combustion products Carbon oxides. Carbon monoxide. Carbon dioxide (CO₂). Silicon dioxide.

Special protective actions for fire-fighters

Special protective equipment and precautions for fire-fighters Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

Section 6: Accidental release measures

SAFETY DATA SHEET

DESIGNEPOXY 1210 ANTIQUE WHITE
Revision Number 1

Revision date 06-Jun-2022
Supersedes Date: 06-Jun-2022

Personal precautions, protective equipment and emergency procedures

Personal precautions Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

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

For emergency responders Use personal protection recommended in Section 8.

Environmental precautions

Environmental precautions Prevent further leakage or spillage if safe to do so.

Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Pick up and transfer to properly labeled containers.

Precautions to prevent secondary hazards

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

Section 7: Handling and storage, including how the chemical may be safely used

Precautions for safe handling

Advice on safe handling This product is part of a kit. Please also refer to the SDS for the other component(s) of the kit. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse.

General hygiene considerations Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product. Wear suitable gloves and eye/face protection. Avoid contact with skin, eyes or clothing.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place.

Recommended storage temperature Keep at temperatures between 41 and 95 °F / 5 and 35 °C.

Incompatible materials Strong acids. Strong bases. Strong oxidizing agents.

Section 8: Exposure controls and personal protection

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	Australia
Crystobalite 14464-46-1	TWA: 0.05 mg/m ³
Quartz (fine fraction) 14808-60-7	TWA: 0.05 mg/m ³

OEL as published by Safe Work Australia

SAFETY DATA SHEET

DESIGNEPOXY 1210 ANTIQUE WHITE
Revision Number 1

Revision date 06-Jun-2022
Supersedes Date: 06-Jun-2022

Appropriate engineering controls

Engineering controls Showers, eyewash stations, and ventilation systems.

Individual protection measures, such as personal protective equipment

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

Skin and body protection Wear suitable protective clothing. Long sleeved clothing.

Hand protection Wear suitable gloves. Impervious gloves. Nitrile rubber.

Respiratory protection Wear a respirator conforming to EN 140 with Type A/P2 filter or better. Organic gases and vapors filter conforming to EN 14387.

Environmental exposure controls No information available.

Section 9: Physical and chemical properties

Information on basic physical and chemical properties

Physical state	Liquid
Appearance	Paste
Color	White
Odor	Characteristic
Odor threshold	No information available

Property	Values	Remarks • Method
pH	No data available	Not applicable
pH (as aqueous solution)	No data available	
Melting point / freezing point	No data available	
Initial boiling point and boiling range	No data available	
Flash point	154 °C	CC (closed cup)
Evaporation rate	No data available	
Flammability	Not applicable for liquids .	
Flammability Limit in Air		
Upper flammability or explosive limits	No data available	
Lower flammability or explosive limits	No data available	
Vapor pressure	No data available	
Relative vapor density	No data available	
Relative density	1.7 - 1.8	
Water solubility	Insoluble in water	
Solubility(ies)	No data available	
Partition coefficient	No data available	
Autoignition temperature	No data available	
Decomposition temperature	No data available	
Kinematic viscosity	No data available	
Dynamic viscosity	No data available	
Explosive properties	No information available	
Oxidizing properties	No information available	

Other information

Solid content (%)	No information available
Liquid Density	1.7 - 1.8 g/cm ³
VOC Content (%)	No information available

SAFETY DATA SHEET

DESIGNEPOXY 1210 ANTIQUE WHITE
Revision Number 1

Revision date 06-Jun-2022
Supersedes Date: 06-Jun-2022

Section 10: Stability and reactivity

Reactivity

Reactivity No information available.

Chemical stability

Stability Stable under normal conditions.

Explosion data

Sensitivity to mechanical impact None.

Sensitivity to static discharge None.

Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.

Conditions to avoid

Conditions to avoid None known based on information supplied.

Incompatible materials

Incompatible materials Strong acids. Strong bases. Strong oxidizing agents.

Hazardous decomposition products

Hazardous decomposition products None under normal use conditions.

Section 11: Toxicological information

Acute toxicity

Information on likely routes of exposure

Product Information

Inhalation Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract.

Eye contact Specific test data for the substance or mixture is not available. Causes serious eye irritation. (based on components). May cause redness, itching, and pain.

Skin contact May cause sensitization by skin contact. Specific test data for the substance or mixture is not available. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. (based on components). Causes skin irritation.

Ingestion Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Symptoms Itching. Rashes. Hives. Redness. May cause redness and tearing of the eyes.

Numerical measures of toxicity - Product Information

Component Information

SAFETY DATA SHEET

DESIGNEPOXY 1210 ANTIQUE WHITE
Revision Number 1

Revision date 06-Jun-2022
Supersedes Date: 06-Jun-2022

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
bis-[4-(2,3-epoxipropoxy)phenyl]propane	=11300 µL/kg (Rattus)	LD50 >2000 mg/Kg (Rattus)	-
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)	LD50 > 2000 mg/kg (rattus) OECD Guideline 402	-
Oxirane, mono[(C12-14-alkyloxy)methyl] derivs.	=17100 mg/kg (Rattus)	LD50 >4000 mg/Kg Rabbit	-
Quartz (fine fraction)	>2000 mg/kg (Rattus)	-	-

See section 16 for terms and abbreviations

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

Skin corrosion/irritation Classification based on data available for ingredients. Causes skin irritation. May cause skin irritation.

Component Information					
Oxirane, mono[(C12-14-alkyloxy)methyl] derivs. (68609-97-2)					
Method	Species	Exposure route	Effective dose	Exposure time	Results
OECD Test No. 404: Acute Dermal Irritation/Corrosion	Rabbit	Dermal		24 hours	Product score 5.75 irritant

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

Serious eye damage/eye irritation Classification based on data available for ingredients. Causes serious eye irritation.

Component Information					
Oxirane, mono[(C12-14-alkyloxy)methyl] derivs. (68609-97-2)					
Method	Species	Exposure route	Effective dose	Exposure time	Results
OECD Test No. 405: Acute Eye Irritation/Corrosion	Rabbit	Corneal			Product score 2 irritant

Respiratory or skin sensitization May cause an allergic skin reaction.

Component Information			
Oxirane, mono[(C12-14-alkyloxy)methyl] derivs. (68609-97-2)			
Method	Species	Exposure route	Results
OECD Test No. 406: Skin Sensitization	Guinea pig	Dermal	sensitizing

Germ cell mutagenicity No information available.

Carcinogenicity Contains a known or suspected carcinogen. Classification based on data available for ingredients. May cause cancer.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	Australia	European Union	IARC
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SAFETY DATA SHEET

DESIGNEPOXY 1210 ANTIQUE WHITE
Revision Number 1

Revision date 06-Jun-2022
Supersedes Date: 06-Jun-2022

bis-[4-(2,3-epoxipropoxy)phenyl]propane 1675-54-3			Group 3
Crystobalite 14464-46-1	Carc. 1A		Group 1
Quartz (fine fraction) 14808-60-7	Carc. 1A		Group 1

Legend

IARC (International Agency for Research on Cancer)

Group 1 - Carcinogenic to Humans Group 3 - Not Classifiable as to Carcinogenicity in Humans

Reproductive toxicity No information available.

STOT - single exposure No information available.

STOT - repeated exposure No information available.

Aspiration hazard No information available.

Section 12: Ecological information

Ecotoxicity

Aquatic ecotoxicity

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
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-p henyleneoxymethylene)] dioxirane and [2-({ 2-[4-(oxiran-2-ylmethoxy)benzyl]phenoxy methyl)oxirane and [2,2'-[methylenebis(2,1-p henyleneoxymethylene)] dioxirane ECKNOWN	EC50 (72h) = 1.8 mg/l	LC50 (96h) = 2.54 mg/l	-	EC50 (48h) = 2.55 mg/l (Daphnia magna)

Persistence and degradability

Persistence and degradability No information available.

Bioaccumulative potential

Bioaccumulation There is no data for this product.

Component Information

Chemical name	Partition coefficient
bis-[4-(2,3-epoxipropoxy)phenyl]propane 1675-54-3	3.78
Reaction mass of	3.6

SAFETY DATA SHEET

DESIGNEPOXY 1210 ANTIQUE WHITE
Revision Number 1

Revision date 06-Jun-2022
Supersedes Date: 06-Jun-2022

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 ECKNOWN	
Oxirane, mono[(C12-14-alkyloxy)methyl] derivs. 68609-97-2	3.77

Mobility

Mobility in soil No information available.

Mobility No information available.

Other adverse effects

Other adverse effects No information available.

Endocrine Disruptor Information

Chemical name	EU - Endocrine Disruptors Candidate List	EU - Endocrine Disruptors - Evaluated Substances	Endocrine disrupting potential
bis-[4-(2,3-epoxipropoxy)phenyl]propane 1675-54-3	Group II Chemical	-	-

Section 13: Disposal considerations

Disposal methods

Waste from residues/unused products Dispose of waste in accordance with environmental legislation. Dispose of in accordance with local regulations.

Contaminated packaging Do not reuse empty containers.

Section 14: Transport information

ADG Not regulated

IATA Not regulated

IMDG Not regulated

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
No information available

Section 15: Regulatory information

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

National regulations

Australia

See section 8 for national exposure control parameters

Standard for Uniform Scheduling of Medicines and Poisons (SUSMP)

No poisons schedule number allocated

SAFETY DATA SHEET

DESIGNEPOXY 1210 ANTIQUE WHITE
Revision Number 1

Revision date 06-Jun-2022
Supersedes Date: 06-Jun-2022

International Inventories

AIIIC	Listed
NZIoC	Listed
ENCS	Not Listed
IECSC	Listed
KECL	Not Listed
PICCS	Listed

Legend:

- AIIIC - Australian Inventory of Industrial Chemicals
- NZIoC - New Zealand Inventory of Chemicals
- ENCS - Japan Existing and New Chemical Substances
- IECSC - China Inventory of Existing Chemical Substances
- KECL - Korean Existing and Evaluated Chemical Substances
- PICCS - Philippines Inventory of Chemicals and Chemical Substances

International Regulations

The Montreal Protocol on Substances that Deplete the Ozone Layer Not applicable

The Stockholm Convention on Persistent Organic Pollutants Not applicable

The Rotterdam Convention Not applicable

Europe

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

SVHC: Substances of Very High Concern for Authorization:

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)

2015/863/EU - RoHS

This product does not contain Lead, Cadmium, Mercury, Hexavalent chromium, Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE), Bis(2-Ethylhexyl) phthalate (DEHP), Benzyl butyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP) above the regulated limit mentioned in this regulation

Section 16: Any other relevant information

Revision date 06-Jun-2022

Revision Note

SDS sections updated.

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

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation
C	Carcinogen		

Section 11: TOXICOLOGICAL INFORMATION

LD50 (lethal dose)

Section 12: Ecological information

EC50 (effective concentration)

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,

SAFETY DATA SHEET

DESIGNEPOXY 1210 ANTIQUE WHITE
Revision Number 1

Revision date 06-Jun-2022
Supersedes Date: 06-Jun-2022

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