

**Safety Data Sheet**  
according to Regulation (EC) No 1907/2006, Article 31

Printing date 02.09.2024

Version number 1

Revision: 22.08.2019

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

**1.1 Product identifier**

Trade name: webertec epo bond Part A

Safety data sheet no.: XXP014728-a

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

No further relevant information available.

**Application of the substance / the mixture** Construction chemicals

**1.3 Details of the supplier of the safety data sheet**

**Manufacturer/Supplier:**

SODAMCO S.A.L

Main Road, Hosrayel (Jbeil), P.O. Box 65, Jbeil - Lebanon

T +961 9 790 920/1/2/3

F +961 9 790 924

ATTADAMUNIA for Construction Industries JSC

Tha'labah Al – Ameli Str.-P.O. Box 710844 Amman 11171 Jordan

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F +962 6 420 0418

SODAMCO Emirates Factory for Building Materials W.L.L.Industrial City of Abu Dhabi

ICAD 3, Plot No. 65 NR29-P.O. Box 96082-Abu-Dhabi -

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SODAMCO S.A.L. - Dubai Branch

Al Quoz Industrial AreaP.O. Box 31320Dubai - U.A.E.

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SODAMCO Qatar W.L.L.

Al Rayan Complex, Bloc B 5th Floor, Flat 17, Rayan Road, Al Musheireb, P.O. Box 22520, Doha – Qatar

T +974 4442 3816 / +974 4442 7651

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SODAMCO Kuwait W.L.L.

Raja Abdulla Al Habbaj Office No. 3F/6, Bloc 7 P.O. Box 496 Salmiya 20005 Kuwait

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F +965 2 571 2721

SODAMCO Muscat L.L.C.

Al Khuwair - Muscat - Sultanate of Oman-P.O. Box 1094 PC 133,

T +968 24 21 83 61

F +968 24 21 83 62

SODAMCO Industrial Co. for Construction Chemicals W.L.L (Office Jeddah)

SODAMCO villa, Prince Mohammad Bin Abdul Aziz Street. P.O. Box 9927, Jeddah 21423 Kingdom of Saudi Arabia

T +966 12 668 3295 +966 12 261 2722

F +966 12 668 1498

SODAMCO Industrial Co. for Construction Chemicals W.L.L (Riyadh Office)

Salahuddin Al Ayoubi Street, Facing Military Airbase Al Bayt 52 Complex, Building 5 Office 1- P.O. Box

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T +966 11 473 8751  
F +966 11 472 5339

DRYMIX Weber Egypt  
5th Industrial Zone, Plot 95B/6, 6th Of October, Egypt  
Tel : (+20) 2 3827 4646  
Hot line: (+2) 15802

**1.4 Emergency telephone number:**

UAE:+971 2 550 9994  
Lebanon:+9619790920  
Jeddah:+966126683295  
Riyadh:+966114738751  
Qatar:+97444423816  
Jordan: +96264200417  
Kuwait:+96525716404  
Muscat:+96824218361  
Egypt: (+20) 2 3827 4646

Hours of operation: From 8 am to 6 pm  
Monday to Friday in Lebanon and UAE  
Sunday to Thursday in other countries

**SECTION 2: Hazards identification**

**2.1 Classification of the substance or mixture**

**Classification according to Regulation (EC) No 1272/2008**



GHS08 health hazard

Repr. 1B                      H360F May damage fertility.



GHS09 environment

Aquatic Chronic 2 H411    Toxic to aquatic life with long lasting effects.



GHS07

Skin Irrit. 2                      H315    Causes skin irritation.  
Eye Irrit. 2                      H319    Causes serious eye irritation.  
Skin Sens. 1                      H317    May cause an allergic skin reaction.

**2.2 Label elements**

**Labelling according to Regulation (EC) No 1272/2008**

The product is classified and labelled according to the CLP regulation.

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**Hazard pictograms**



GHS07 GHS08 GHS09

**Signal word** Danger

**Hazard-determining components of labelling:**

2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane oxirane, mono[(C12-14-alkyloxy)methyl] derivs

**Hazard statements**

- H315 Causes skin irritation.
- H319 Causes serious eye irritation.
- H317 May cause an allergic skin reaction.
- H360F May damage fertility.
- H411 Toxic to aquatic life with long lasting effects.

**Precautionary statements**

- P101 If medical advice is needed, have product container or label at hand.
- P102 Keep out of reach of children.
- P103 Read carefully and follow all instructions.
- P273 Avoid release to the environment.
- P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
- P302+P352 IF ON SKIN: Wash with plenty of water.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P362 Take off contaminated clothing.
- P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

**Additional information:**

Restricted to professional users.

EUH205 Contains epoxy constituents. May produce an allergic reaction.

EUH211 Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

**2.3 Other hazards**

The product contains silica sand with less than 1% of fine fraction and therefore is not classified as hazardous; however, pay attention when handling and follow the indications relating to personal protective equipment.

**Results of PBT and vPvB assessment**

**PBT:** Does not contain PBT substances.

**vPvB:** Does not contain vPvB substances.

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

**3.2 Mixtures**

**Description:** Mixture of substances listed below with non hazardous additions.

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<b>Dangerous components:</b>		
CAS: 1675-54-3 EINECS: 216-823-5 Index number: 603-073-00-2 Reg.nr.: 01-2119456619-26-xxxx	2, 2' - [ ( 1 - m e t h y l e t h y l i d e n e ) b i s ( 4 , 1 - phenyleneoxymethylene)]bisoxirane ⚠ Aquatic Chronic 2, H411; ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317 Specific concentration limits: Skin Irrit. 2; H315: C ≥ 5 % Eye Irrit. 2; H319: C ≥ 5 %	25-50%
CAS: 1317-65-3 EINECS: 215-279-6 Reg.nr.: 01-2119486795-18-xxxx	calcium carbonate substance with a Community workplace exposure limit	25-50%
CAS: 68609-97-2 EINECS: 271-846-8 Index number: 603-103-00-4 Reg.nr.: 01-2119485289-22-xxxx	oxirane, mono[(C12-14-alkyloxy)methyl] derivs ⚠ Repr. 1B, H360F; ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317	≥5-<10%
CAS: 13463-67-7 EINECS: 236-675-5 Index number: 022-006-00-2 Reg.nr.: 01-2119489379-17-xxxx	Titanium Dioxide ⚠ Carc. 2, H351, EUH211, EUH212	2-5%

**SVHC** Void

**Additional information**

The product contains silica sand composed of quartz (crystalline silica) with a fine fraction below 1%. The respirable fraction has an occupational exposure limit value (cf. section 8). For the wording of the listed hazard statements refer to section 16.

### SECTION 4: First aid measures

**4.1 Description of first aid measures**

**General information**

Immediately remove any clothing soiled by the product.  
 Never administer anything by mouth to an unconscious person.  
 If unconscious, place the patient in a stable side position and consult a doctor

**After inhalation**

Supply fresh air and to be sure call for a doctor.  
 In case of unconsciousness place patient stably in side position for transportation.

**After skin contact** Immediately wash with water and soap and rinse thoroughly.

**After eye contact**

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor. Rinse liquid should be tempered (20-30°C).

**After swallowing** Rinse mouth. DO NOT induce vomiting. If symptoms persist consult a doctor.

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

No further relevant information available.

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

No further relevant information available.

**SECTION 5: Firefighting measures**

**5.1 Extinguishing media**

**Suitable extinguishing agents**

CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

**5.2 Special hazards arising from the substance or mixture** No further relevant information available.

**5.3 Advice for firefighters**

**Protective equipment:** No special measures required.

**Additional information**

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.  
Collect contaminated fire fighting water separately. It must not enter the sewage system.

**SECTION 6: Accidental release measures**

**6.1 Personal precautions, protective equipment and emergency procedures** Not required.

**6.2 Environmental precautions:**

The product must not get into watercourses or into the soil.

Inform respective authorities in case of seepage into water course or sewage system.

Do not allow product to reach sewage system or any water course.

Suppress gases/fumes/haze with water spray.

**6.3 Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose of contaminated material as waste according to section 13.

**6.4 Reference to other sections**

See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

**SECTION 7: Handling and storage**

**7.1 Precautions for safe handling** Keep receptacles tightly sealed.

**Information about fire - and explosion protection:** No special measures required.

**7.2 Conditions for safe storage, including any incompatibilities**

**Storage**

**Requirements to be met by storerooms and receptacles:**

Store only in unopened original receptacles.

**Information about storage in one common storage facility:** Store away from foodstuffs.

**Further information about storage conditions:** None.

**7.3 Specific end use(s)** No further relevant information available.

EUG

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**SECTION 8: Exposure controls/personal protection**

**8.1 Control parameters**

**Ingredients with limit values that require monitoring at the workplace:**

<b>DNELs</b>		
<b>CAS: 1675-54-3 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane</b>		
Oral	Derived No Effect Level	0.5 mg/kgxday (consumer systemic long term value)
Dermal	Derived No Effect Level	0.75 mg/kgxday (worker systemic long term value) 0.0893 mg/kgxday (consumer systemic long term value)
Inhalative	Derived No Effect Level	4.93 mg/m <sup>3</sup> (worker systemic long term value) 0.87 mg/m <sup>3</sup> (consumer systemic long term value)
<b>CAS: 1317-65-3 calcium carbonate</b>		
Oral	Derived No Effect Level	6.1 mg/kgxday (consumer systemic long term value)
Inhalative	Derived No Effect Level	6.36 mg/m <sup>3</sup> (worker local long term value) 1.06 mg/m <sup>3</sup> (consumer local long term value)
<b>CAS: 14807-96-6 Talc (Mg<sub>3</sub>H<sub>2</sub>(SiO<sub>3</sub>)<sub>4</sub>)</b>		
Oral	Derived No Effect Level	160 mg/kgxday (consumer systemic long term value) 160 mg/kgxday (consumer systemic short term value)
Dermal	Derived No Effect Level	43.2 mg/kgxday (worker systemic long term value) 21.6 mg/kgxday (consumer systemic long term value) 4.54 mg/kgxday (worker local long term value) 2.27 mg/kgxday (consumer local long term value)
Inhalative	Derived No Effect Level	2.16 mg/m <sup>3</sup> (worker systemic long term value) 2.16 mg/m <sup>3</sup> (worker systemic short term value) 1.08 mg/m <sup>3</sup> (consumer systemic long term value) 1.08 mg/m <sup>3</sup> (consumer systemic short term value) 3.6 mg/m <sup>3</sup> (worker local short term value) 3.6 mg/m <sup>3</sup> (worker local long term value) 1.8 mg/m <sup>3</sup> (consumer local long term value) 1.8 mg/m <sup>3</sup> (consumer local short term value)
<b>CAS: 68609-97-2 oxirane, mono[(C12-14-alkyloxy)methyl] derivs</b>		
Oral	Derived No Effect Level	0.05 mg/kgxday (consumer systemic long term value)
Dermal	Derived No Effect Level	0.75 mg/kgxday (worker systemic long term value) 0.089 mg/kgxday (consumer systemic long term value)
Inhalative	Derived No Effect Level	0.49 mg/m <sup>3</sup> (worker systemic long term value) 0.087 mg/m <sup>3</sup> (consumer systemic long term value)
<b>CAS: 13463-67-7 Titanium Dioxide</b>		
Inhalative	Derived No Effect Level	1.25 mg/m <sup>3</sup> (worker local long term value) 0.21 mg/m <sup>3</sup> (consumer local long term value)

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<b>PNECs</b>	
<b>CAS: 1675-54-3 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane</b>	
Predicted No-Effect Concentration	0.065 mg/kgxdwt (earth rating factor)
Predicted No-Effect Concentration	0.0006 mg/l (sea water rating factor)
	0.006 mg/l (fresh water rating factor)
<b>CAS: 14807-96-6 Talc (Mg3H2(SiO3)4)</b>	
Predicted No-Effect Concentration	141.26 mg/l (sea water rating factor)
	597.97 mg/l (fresh water rating factor)
<b>CAS: 68609-97-2 oxirane, mono[(C12-14-alkyloxy)methyl] derivs</b>	
Predicted No-Effect Concentration	20 mg/kgxdwt (earth rating factor)
Predicted No-Effect Concentration	0.112 mg/l (sea water rating factor)
	1.12 mg/l (fresh water rating factor)

<b>CAS No. / Designation of material / % / Type / Value / Unit</b>	
<b>CAS: 1675-54-3 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane</b>	
MAK (Germany)	vgl. Abschn. IIb
<b>CAS: 1317-65-3 calcium carbonate</b>	
TWA (Italy)	Long-term value: 10 mg/m <sup>3</sup> (e)
<b>CAS: 13463-67-7 Titanium Dioxide</b>	
AGW (Germany)	Long-term value: 1.25* 10** mg/m <sup>3</sup> 2(II);*alveolengängig**einatembare; AGS, DFG, Y
GV (Denmark)	Short-term value: 12 mg/m <sup>3</sup> Long-term value: 6 mg/m <sup>3</sup> K, som Ti
LEP (Spain)	Long-term value: 10 mg/m <sup>3</sup>
TWA (Italy)	Long-term value: 10 mg/m <sup>3</sup> A4
VLE (Portugal)	Long-term value: 10 mg/m <sup>3</sup> A4; Irritação do TRI
OEL (Sweden)	Long-term value: 5 mg/m <sup>3</sup> totaldamm

**Additional information:**

The applicable TRGS 900 (MAK list) was used as the basis for the preparation and/or revision of this safety data sheet.

**8.2 Exposure controls**

**Appropriate engineering controls** No further data; see section 7.

**Individual protection measures, such as personal protective equipment**

**General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

Use a moisturising skin cream after processing the product.

**Respiratory protection:** Use suitable respiratory protective device in case of insufficient ventilation.

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**Hand protection** Protective gloves.

**For the permanent contact gloves made of the following materials are suitable:**

Butyl rubber, BR

Nitrile rubber, NBR

**Eye/face protection** Safety glasses.

**Body protection:** Protective work clothing.

### SECTION 9: Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

##### General Information

<b>Colour:</b>	According to product specification
<b>Odour:</b>	Characteristic
<b>Odour threshold:</b>	Not determined.
<b>Melting point/freezing point:</b>	Undetermined.
<b>Boiling point or initial boiling point and boiling range</b>	Undetermined.
<b>Flammability</b>	Not applicable.
<b>Lower and upper explosion limit</b>	
<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.
<b>Flash point:</b>	Not applicable
<b>Auto-ignition temperature:</b>	Not determined.
<b>Decomposition temperature:</b>	Not determined.
<b>pH</b>	Not applicable.
<b>Viscosity:</b>	
<b>Kinematic viscosity</b>	Not determined.
<b>dynamic:</b>	Not determined.
<b>Solubility</b>	
<b>Water:</b>	Not miscible or difficult to mix
<b>Partition coefficient n-octanol/water (log value)</b>	Not determined.
<b>Vapour pressure:</b>	Not determined.
<b>Density and/or relative density</b>	
<b>Density:</b>	Not determined
<b>Relative density</b>	Not determined.
<b>Bulk density:</b>	Not applicable.
<b>Vapour density</b>	Not determined.

#### 9.2 Other information

<b>Appearance:</b>	
<b>Form:</b>	Fluid
<b>Important information on protection of health and environment, and on safety.</b>	
<b>Ignition temperature:</b>	Product is not self-igniting.
<b>Explosive properties:</b>	Product does not present an explosion hazard.
<b>Minimum ignition energy</b>	
<b>Solvent separation test:</b>	Not determined
<b>EU-VOC (%)</b>	0.0000 %
<b>EU-VOC (g/L)</b>	0.0000 g/l

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<b>Change in condition</b>	
<b>Softening point/range</b>	
<b>Oxidising properties</b>	Not determined.
<b>Evaporation rate</b>	Not determined.

**Information with regard to physical hazard classes**

<b>Explosives</b>	Void
<b>Flammable gases</b>	Void
<b>Aerosols</b>	Void
<b>Oxidising gases</b>	Void
<b>Gases under pressure</b>	Void
<b>Flammable liquids</b>	Void
<b>Flammable solids</b>	Void
<b>Self-reactive substances and mixtures</b>	Void
<b>Pyrophoric liquids</b>	Void
<b>Pyrophoric solids</b>	Void
<b>Self-heating substances and mixtures</b>	Void
<b>Substances and mixtures, which emit flammable gases in contact with water</b>	Void
<b>Oxidising liquids</b>	Void
<b>Oxidising solids</b>	Void
<b>Organic peroxides</b>	Void
<b>Corrosive to metals</b>	Void
<b>Desensitised explosives</b>	Void

### SECTION 10: Stability and reactivity

**10.1 Reactivity** No further relevant information available.  
**10.2 Chemical stability** Stable at recommended storage conditions  
**Thermal decomposition / Conditions to be avoided:**  
 No decomposition if used according to specifications.  
**10.3 Possibility of hazardous reactions** No dangerous reactions known  
**10.4 Conditions to avoid** No further relevant information available.  
**10.5 Incompatible materials:** No further relevant information available.  
**10.6 Hazardous decomposition products:** No dangerous decomposition products known.

### SECTION 11: Toxicological information

**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**  
**Acute toxicity** Based on available data, the classification criteria are not met.  
**LD/LC50 values relevant for classification:**

Components	Type	Value	Species
<b>CAS: 1675-54-3 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane</b>			
Oral	LD50	>15,000 mg/kg	(Rat)
Dermal	LD50	>23,000 mg/kg	(Rat)

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<b>CAS: 1317-65-3 calcium carbonate</b>		
Oral	LD50	>2,000 mg/kg (Rat)
Dermal	LD50	>2,000 mg/kg (Rat)
<b>CAS: 14807-96-6 Talc (Mg3H2(SiO3)4)</b>		
Oral	LD50	5,000 mg/kg (Rat)
Dermal	LD50	>2,000 mg/kg (Rat)
<b>CAS: 68609-97-2 oxirane, mono[(C12-14-alkyloxy)methyl] derivs</b>		
Oral	LD50	>2,000 mg/kg (Rat)
Dermal	LD50	>4,000 mg/kg (Rabbit)
<b>CAS: 13463-67-7 Titanium Dioxide</b>		
Oral	LD50	>5,000 mg/kg (Rat)

**Skin corrosion/irritation**

Causes skin irritation.

**Serious eye damage/irritation**

Causes serious eye irritation.

**Respiratory or skin sensitisation**

May cause an allergic skin reaction.

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

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

**Reproductive toxicity**

May damage fertility.

**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**

**Endocrine disrupting properties**

None of the ingredients is listed.

**SECTION 12: Ecological information**

**12.1 Toxicity**

**Aquatic toxicity:**

Toxic to aquatic life with long lasting effects (H411)

Toxic to aquatic life with long lasting effects.

Type of test / Effective concentration / Method / Assessment	
<b>CAS: 1675-54-3 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane</b>	
LC50/96h	2 mg/l (Fish)
EC50/48h	1.8 mg/l (Daphnia magna)
EC50/72h	>11 mg/l (Algae)
NOEC (72h)	4.2 mg/l (Algae)
NOEC (21d)	0.3 mg/l (Daphnia magna)
<b>CAS: 1317-65-3 calcium carbonate</b>	
LC50/96h	>100 mg/l (Fish)
EC50/48h	>100 mg/l (aquatic invertebrates)

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EC50/72h	>14 mg/l (aquatic algae and cyanobacteria)
<b>CAS: 14807-96-6 Talc (Mg3H2(SiO3)4)</b>	
LC50/48h	36,812 mg/l (aquatic invertebrates)
LC50/96h	89,581-110,000 mg/l (Fish)
EC50/96h	7,203 mg/l (aquatic algae and cyanobacteria)
NOEC (28d)	918 mg/l (aquatic algae and cyanobacteria)
	1,460 mg/l (aquatic invertebrates)
	1,413-5,980 mg/l (Fish)
<b>CAS: 68609-97-2 oxirane, mono[(C12-14-alkyloxy)methyl] derivs</b>	
IC50/72h	843.75 mg/l (aquatic algae and cyanobacteria)
LC50/96h	>100 mg/l (Fish)
EC50/48h	7.2 mg/l (aquatic invertebrates)
EC50/72h	843.75 mg/l (aquatic algae and cyanobacteria)
NOEC (72h)	500 mg/l (aquatic algae and cyanobacteria)
NOEC (21d)	56 mg/l (aquatic invertebrates)
NOEC (28d)	100 mg/l (microorganisms)
<b>CAS: 13463-67-7 Titanium Dioxide</b>	
IC50/72h	1 mg/l (Fish)
LC50/48h	>100 mg/l (aquatic invertebrates)
LC50/96h	>100 mg/l (Fish)
EC50/48h	>100 mg/l (aquatic invertebrates)
EC50/72h	>100 mg/l (Algae)
NOEC (72h)	≥10 mg/l (aquatic algae and cyanobacteria)
NOEC (96h)	≥1 mg/l (aquatic plants other than algae)
NOEC (21d)	≥100 mg/l (aquatic invertebrates)
NOEC (28d)	≥100 mg/l (aquatic invertebrates)
	≥0.07 mg/l (Fish)

**12.2 Persistence and degradability** No further relevant information available.

<b>Method</b>	
<b>CAS: 1317-65-3 calcium carbonate</b>	
Biod. (28 days)	>90 %
<b>CAS: 68609-97-2 oxirane, mono[(C12-14-alkyloxy)methyl] derivs</b>	
Biod. (28 days)	>80 %

**12.3 Bioaccumulative potential**

<b>CAS: 1675-54-3 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane</b>	
EBAB	3.242 log Pow
<b>CAS: 68609-97-2 oxirane, mono[(C12-14-alkyloxy)methyl] derivs</b>	
EBAB	3.77 log Pow (-)

**12.4 Mobility in soil** No further relevant information available.

**12.5 Results of PBT and vPvB assessment**

**PBT:** Does not contain PBT substances.

**vPvB:** Does not contain vPvB substances.

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**12.6 Endocrine disrupting properties**

The product does not contain substances with endocrine disrupting properties.

**12.7 Other adverse effects**

**Remark:**

The product contains substances which are toxic to fishes and bacteria.  
Toxic for fish

**Behaviour in sewage processing plants:**

Type of test / Effective concentration / Method / Assessment	
<b>CAS: 1675-54-3 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane</b>	
EC 50 (3h)	100 mg/l (microorganisms)
<b>CAS: 1317-65-3 calcium carbonate</b>	
EC 50 (3h)	>1,000 mg/l (microorganisms)
<b>CAS: 68609-97-2 oxirane, mono[(C12-14-alkyloxy)methyl] derivs</b>	
EC 50 (3h)	100 mg/l (microorganisms)
<b>CAS: 13463-67-7 Titanium Dioxide</b>	
EC 50 (3h)	1,000 mg/l (microorganisms)

**Additional ecological information:**

**General notes:**

Danger to drinking water if even small quantities leak into the ground.  
Also poisonous for fish and plankton in water bodies.  
Toxic for aquatic organisms

**SECTION 13: Disposal considerations**

**13.1 Waste treatment methods**

European waste catalogue	
HP4	Irritant - skin irritation and eye damage
HP7	Carcinogenic
HP10	Toxic for reproduction
HP13	Sensitising
HP14	Ecotoxic

**Uncleaned packaging:**

**Recommendation:**

Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.

**SECTION 14: Transport information**

<b>14.1 UN number or ID number</b> ADR, IMDG, IATA	UN3082
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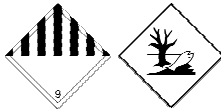
(Contd. of page 12)

**14.2 UN proper shipping name**

**ADR** 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Epoxy resin)  
**IMDG** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Epoxy resin), MARINE POLLUTANT  
**IATA** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Epoxy resin)

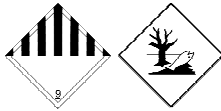
**14.3 Transport hazard class(es)**

**ADR**



**Class** 9 (M6) Miscellaneous dangerous substances and articles.  
**Label** 9

**IMDG, IATA**



**Class** 9 Miscellaneous dangerous substances and articles.  
**Label** 9

**14.4 Packing group**

**ADR, IMDG, IATA** III

**14.5 Environmental hazards:**

**Marine pollutant:** Symbol (fish and tree)  
**Special marking (ADR):** Symbol (fish and tree)  
**Special marking (IATA):** Symbol (fish and tree)

**14.6 Special precautions for user**

Warning: Miscellaneous dangerous substances and articles.  
**Hazard identification number (Kemler code):** 90  
**EMS Number:** F-A,S-F  
**Stowage Category** A

**14.7 Maritime transport in bulk according to IMO instruments**

Not applicable.

**Transport/Additional information:**

**ADR**

**Limited quantities (LQ)** 5L  
**Excepted quantities (EQ)** Code: E1  
 Maximum net quantity per inner packaging: 30 ml  
 Maximum net quantity per outer packaging: 1000 ml

**Transport category** 3

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<b>Tunnel restriction code</b>	(-)
<b>IMDG Limited quantities (LQ)</b>	5L
<b>IMDG Exceeded quantities (EQ)</b>	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
<b>UN "Model Regulation":</b>	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (EPOXY RESIN), 9, III

**SECTION 15: Regulatory information**

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

Regulation (EC) No 1907/2006 (REACH) (Candidate List, Annexes XIV and XVII)  
 Regulation (EC) No 1272/2008 (CLP)  
 Regulation (EU) 2020/878 (amending REACH Annex II on the compilation of safety data sheets)  
**Labelling according to Regulation (EC) No 1272/2008** cf. section 2

**Directive 2012/18/EU**

**Named dangerous substances - ANNEX I** None of the ingredients is listed.  
**Seveso category E2** Hazardous to the Aquatic Environment  
**Qualifying quantity (tonnes) for the application of lower-tier requirements** 200 t  
**Qualifying quantity (tonnes) for the application of upper-tier requirements** 500 t  
**REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3

**DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

None of the ingredients is listed.

**REGULATION (EU) 2019/1148**

**Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

None of the ingredients is listed.

**Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

None of the ingredients is listed.

**Regulation (EC) No 273/2004 on drug precursors**

None of the ingredients is listed.

**Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**

None of the ingredients is listed.

**15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

**SECTION 16: Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

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This Safety Data Sheet is in compliance with Regulation (EC) No 1907/2006, Article 31 as amended by Regulation (EU) 2020/878.

**Relevant phrases**

The following list of relevant hazard statements is the full text of hazard statements mentioned elsewhere in this safety data sheet (in particular in the section 3) and is reported as required by the Regulation (EC) No 1907/2006 (REACH), Annex II, and the following amendments (Regulation (EU) 2020/878). The statements mentioned here do not refer to the product itself, but refer to the individual ingredients in the products, and are provided for information.

- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.
- H351 Suspected of causing cancer.
- H360F May damage fertility.
- H411 Toxic to aquatic life with long lasting effects.
- EUH211 Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.
- EUH212 Warning! Hazardous respirable dust may be formed when used. Do not breathe dust.

**Classification according to Regulation (EC) No 1272/2008**

Skin corrosion/irritation Serious eye damage/irritation Skin sensitisation Reproductive toxicity Hazardous to the aquatic environment - long-term (chronic) aquatic hazard	The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.
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**Department issuing SDS:** R&D Department of Weber-Middle East

**Contact:**

Product Safety  
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 e-mail: DL-weber.productSafety-ME@Saint-gobain.com

**Abbreviations and acronyms:**

- ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
- IMDG: International Maritime Code for Dangerous Goods
- IATA: International Air Transport Association
- IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
- ICAO: International Civil Aviation Organisation
- GHS: Globally Harmonised System of Classification and Labelling of Chemicals
- EINECS: European Inventory of Existing Commercial Chemical Substances
- ELINCS: European List of Notified Chemical Substances
- CAS: Chemical Abstracts Service (division of the American Chemical Society)
- DNEL: Derived No-Effect Level (REACH)
- PNEC: Predicted No-Effect Concentration (REACH)
- LC50: Lethal concentration, 50 percent
- LD50: Lethal dose, 50 percent
- PBT: Persistent, Bioaccumulative and Toxic
- SVHC: Substances of Very High Concern (REACH regulation)
- vPvB: very Persistent and very Bioaccumulative
- Skin Irrit. 2: Skin corrosion/irritation – Category 2
- Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
- Skin Sens. 1: Skin sensitisation – Category 1
- Carc. 2: Carcinogenicity – Category 2
- Repr. 1B: Reproductive toxicity – Category 1B
- Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

**\* Data compared to the previous version altered.**

According to Annex II of the REACH regulation, the modified sections in this version of the Safety Data Sheet in comparison with the previous one are marked with asterisks.