

# Safety data sheet

according to 1907/2006/EC, Article 31

## Weber.epox easy, Part A & B

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Printing date 21.12.2015

Revision: 15.12.2015

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

#### 1.1 Product identifier

**Trade name Weber.epox easy, comp. A** - 110 Jasmine White - 112 Bone White - 120 Ivory - 121 Beige - 124 Terracotta  
130 Pastel Yellow - 160 Baby Blue - 170 Light Grey - 171 Platinum - 172 Ash Grey New - 173 Charcoal - 180 Black - J41 Wheat -  
B31 Snow White - White

**Safety data sheet no.:** XXP013796a

#### 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 UAE:

Industrial city, ICAD III, P.O. Box 96082 Abu Dhabi – UAE

Al Quoz industrial area, P.O. Box 31320 Dubai – UAE

**1.4 Emergency telephone number:** 00971 4 347 2640 / 00971 2 550 9994

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008



GHS08 health hazard

STOT RE 1 H372 Causes damage to organs through prolonged or repeated exposure.



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.

Classification according to Directive 67/548/EEC or Directive 1999/45/EC



Xn; Harmful

R48/20: Harmful: danger of serious damage to health by prolonged exposure through inhalation.



Xi; Irritant

R36/38: Irritating to eyes and skin.



Xi; Sensitising

R43: May cause sensitisation by skin contact.

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N; Dangerous for the environment

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### Information concerning particular hazards for human and environment:

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

### Classification system:

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

## 2.2 Label elements

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

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

### Hazard pictograms



GHS07



GHS08



GHS09

**Signal word** Danger

### Hazard-determining components of labelling:

reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight = 700)

Siliciumdioxide (SiO<sub>2</sub>, Quartz flour in a dry product)

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.

H372 Causes damage to organs through prolonged or repeated exposure.

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 label before use.

P261 Avoid breathing gas.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

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 and wash before reuse.

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

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

### Additional information:

Contains epoxy constituents. May produce an allergic reaction.

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### 2.3 Other hazards

#### 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 Chemical characterisation: Mixtures

**Description:** Mixture of substances listed below with nonhazardous additions.

#### Dangerous components:

CAS: 25068-38-6 NLP: 500-033-5 Index number: 603-074-00-8 Reg.nr.: 2119456619-26-xxxx	reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight = 700)  Xi R36/38;  Xi R43;  N R51/53  Aquatic Chronic 2, H411;  Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317	25 - 50%
	Siliciumdioxide (SiO <sub>2</sub> , Quartz flour in a dry product)  Xn R48/20  STOT RE 1, H372	10 - 20%
CAS: 68609-97-2 EINECS: 271-846-8 Index number: 603-103-00-4 Reg.nr.: 2119485289-22-xxxx	oxirane, mono[(C12-14-alkyloxy)methyl] derivs  Xi R38;  Xi R43  Skin Irrit. 2, H315; Skin Sens. 1, H317	2 - 5%

**Additional information** For the wording of the listed risk phrases 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.

Remove the victim immediately from the danger area. If the patient is unwell consult a doctor and present this data sheet.

**After inhalation** Supply fresh air and to be sure call for a doctor.

#### After skin contact

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

#### 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** If symptoms persist consult 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).

Ensure adequate ventilation.

### 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.

Ensure good ventilation/exhaustion at the workplace.

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

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### 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.

## SECTION 8: Exposure controls/personal protection

**Additional information about design of technical facilities:** No further data; see item 7.

### 8.1 Control parameters

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

CAS No.	Designation of material	%	Type	Value	Unit
	Quartz alveolar dust (< 5 µm)	0,15		mg/m <sup>3</sup>	

#### Additional Occupational Exposure Limit Values for possible hazards during processing:

Quartz alveolar dust (< 5 µm) : 0,15 mg/m<sup>3</sup>

#### 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

#### Personal protective equipment:

#### General protective and hygienic measures:

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

Do not eat or drink while working.

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:

Not necessary if room is well-ventilated.

Short term filter device:

Filter AX.

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

**Protection of hands:** Protective gloves.

#### Material of gloves

Butyl rubber, BR

Nitrile rubber, NBR

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

Butyl rubber, BR

Nitrile rubber, NBR

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**Eye 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

##### Appearance:

<b>Form:</b>	Pasty
<b>Colour:</b>	According to product specification
<b>Odour:</b>	Characteristic
<b>Odour threshold:</b>	Not determined.

**pH-value:** Not applicable.

##### Change in condition

<b>Melting point/Melting range:</b>	Undetermined.
<b>Boiling point/Boiling range:</b>	Undetermined.

**Flash point:** Not applicable

**Flammability (solid, gaseous):** Not applicable.

**Ignition temperature:** Not determined.

**Decomposition temperature:** Not determined.

**Self-igniting:** Product is not selfigniting.

**Danger of explosion:** Product does not present an explosion hazard.

##### Explosion limits:

<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.

**Oxidising properties** Not determined.

**Vapour pressure:** Not determined.

**Density:** Not determined

<b>Bulk density:</b>	Not applicable.
<b>Relative density</b>	Not determined.
<b>Vapour density</b>	Not determined.
<b>Evaporation rate</b>	Not determined.

##### Solubility in / Miscibility with

**Water:** Slightly soluble

##### Segregation coefficient (n-octanol/water) log

**Pow:** Not determined.

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<b>Viscosity:</b>	
dynamic:	Not determined.
kinematic:	Not determined.
<b>Solvent separation test:</b>	Not determined
<b>Solvent content:</b>	
EU-VOC	0,00 %
<b>9.2 Other information</b>	None.

### SECTION 10: Stability and reactivity

#### 10.1 Reactivity

**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 toxicological effects

**Acute toxicity:**

**LD/LC50 values relevant for classification:**

Components	Type	Value	Species
<b>25068-38-6 reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight = 700)</b>			
Oral	LD50	15000 mg/kg (rat)	
Dermal	LD50	23000 mg/kg (rabbit)	

**Primary irritant effect:**

**on the skin:** Irritant to skin and mucous membranes.

**on the eye:** Strong irritant with the danger of severe eye injury.

**Sensitisation:** Sensitisation possible through skin contact.

**Additional toxicological information:**

The product shows the following dangers according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version:

Irritant

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### SECTION 12: Ecological information

#### 12.1 Toxicity

**Aquatic toxicity:** No further relevant information available.

#### Type of test Effective concentration Method Assessment

**25068-38-6 reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight = 700)**

EC50/48h	1,8 mg/l (water flea)
EC50/96h	220 mg/l (Selenastrum capricornutum (green alge))
LC50/96h	2 mg/l (orfe)

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

**12.3 Bioaccumulative potential** No further relevant information available.

**Behaviour in environmental systems:**

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

#### Ecotoxicological effects:

##### Remark:

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

Harmful to fish

#### Additional ecological information:

##### General notes:

Danger to drinking water if even small quantities leak into the ground.

Harmful to aquatic organisms

#### 12.5 Results of PBT and vPvB assessment

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

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

**12.6 Other adverse effects** No further relevant information available.

### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

##### Recommendation

Curing of the product by mixing with the curing component. Cured epoxy resin products are waste that requires no particular supervision and can as a rule be disposed of as commercial waste that is similar to household rubbish.

##### European waste catalogue

Possible waste code. The concrete waste code depends of the source of the waste.

08 01 11*	waste paint and varnish containing organic solvents or other dangerous substances
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**Uncleaned packaging:**

**Recommendation:** Disposal must be made according to official regulations.

### SECTION 14: Transport information

**14.1 UN-Number**  
**ADR, ADN, IATA**  
**IMDG**

Void  
UN3082

**14.2 UN proper shipping name**  
**ADR, ADN, IATA**  
**IMDG**

Void  
ENVIRONMENTALLY HAZARDOUS SUBSTANCE,  
LIQUID, N.O.S. (Epoxy Resin, oxirane, mono[(C12-  
14-alkyloxy)methyl] derivs), MARINE POLLUTANT

**14.3 Transport hazard class(es)**

**ADR, ADN, IATA**  
**Class**

Void

**IMDG**



**Class**

9 Miscellaneous dangerous substances and  
articles.

**Label**

9

**14.4 Packing group**  
**ADR, IATA**  
**IMDG**

Void  
III

**14.5 Environmental hazards:**

Product contains environmentally hazardous  
substances: Epoxy Resin

**Marine pollutant:**

Yes  
Symbol (fish and tree)

**14.6 Special precautions for user**  
**EMS Number:**

Not applicable.  
F-A,S-F

**14.7 Transport in bulk according to Annex II of  
MARPOL73/78 and the IBC Code**

Not applicable.

**Transport/Additional information:**

Not dangerous according to the above  
specifications.

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**IMDG**
**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

**UN "Model Regulation":**

-

### SECTION 15: Regulatory information

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

No further relevant information available.

**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.

**Relevant phrases**

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.

R36/38 Irritating to eyes and skin.

R38 Irritating to skin.

R43 May cause sensitisation by skin contact.

R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Department issuing MSDS:** R&D Department of Sodamco Weber

**Contact:** Mr. Dimitri TABBAL

**Abbreviations and acronyms:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ADR: Accord européen sur le transport 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

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ELINCS: European List of Notified Chemical Substances  
 CAS: Chemical Abstracts Service (division of the American Chemical Society)  
 LC50: Lethal concentration, 50 percent  
 LD50: Lethal dose, 50 percent  
 PBT: Persistent, Bioaccumulative and Toxic  
 vPvB: very Persistent and very Bioaccumulative  
 Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2  
 Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2  
 Skin Sens. 1: Sensitisation - Skin, Hazard Category 1  
 STOT RE 1: Specific target organ toxicity - Repeated exposure, Hazard Category 1  
 Aquatic Chronic 2: Hazardous to the aquatic environment - Chronic Hazard, Category 2

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**Liquid**

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

#### **1.1 Product identifier**

Trade name **Weber.epox easy, comp. B** Liquid

Safety data sheet no.: XXP013796b

#### **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 UAE:

Industrial city, ICAD III, P.O. Box 96082 Abu Dhabi – UAE

Al Quoz industrial area, P.O. Box 31320 Dubai – UAE

**1.4 Emergency telephone number:** 00971 4 347 2640 / 00971 2 550 9994

### **SECTION 2: Hazards identification**

#### **2.1 Classification of the substance or mixture**

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



GHS05 corrosion

Skin Corr. 1B      H314 Causes severe skin burns and eye damage.

Eye Dam. 1      H318 Causes serious eye damage.

Aquatic Chronic 3      H412 Harmful to aquatic life with long lasting effects.

**Classification according to Directive 67/548/EEC or Directive 1999/45/EC**



C; Corrosive

R34: Causes burns.

R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

#### **Information concerning particular hazards for human and environment:**

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

#### **Classification system:**

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

#### **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



GHS05

**Signal word** Danger

### Hazard-determining components of labelling:

Polyoxypropylendiamin

### Hazard statements

H314 Causes severe skin burns and eye damage.

H412 Harmful 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 label before use.

P280 Wear protective gloves / eye protection / face protection.

P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

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

P310 Immediately call a POISON CENTER/doctor.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

### 2.3 Other hazards

### 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 Chemical characterisation: Mixtures

**Description:** Reaction resin curer based on amines and polyamines.

### Dangerous components:

Polyoxypropylendiamin	 C R34 R52/53  Skin Corr. 1B, H314; Aquatic Chronic 3, H412	> 50%
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**Additional information** For the wording of the listed risk phrases refer to section 16.

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### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

##### General information

Immediately remove any clothing soiled by the product.

Remove the victim immediately from the danger area. If the patient is unwell consult a doctor and present this data sheet.

**After inhalation** Supply fresh air; consult doctor in case of complaints.

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

##### After eye contact

Rinse opened eye for several minutes under running water. Then consult doctor. Rinse liquid should be tempered (20-30 °C).

##### After swallowing

Rinse out mouth with water. Do not induce vomiting. Seek medical attention and present this data sheet.

Drink plenty of water and provide fresh air. Call for a doctor immediately.

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

No further relevant information available.

**Hazards** Danger of gastric perforation.

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

If swallowed, gastric irrigation with added, activated carbon.

### 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:** Wear self-contained respiratory protective device.

##### 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

Ensure adequate ventilation.

Keep people at a distance and stay on the windward side.

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### 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).  
Use neutralising agent.  
Dispose of contaminated material as waste according to item 13.  
Ensure adequate ventilation.

### 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:

Insure sufficient ventilation for storage and work areas.

Store only in unopened original receptacles.

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

#### Further information about storage conditions:

Protect from freezing.

Protect from heat and direct sunlight.

Store in cool, dry conditions in well sealed receptacles.

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

## SECTION 8: Exposure controls/personal protection

**Additional information about design of technical facilities:** No further data; see item 7.

### 8.1 Control parameters

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

#### Additional information:

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

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### 8.2 Exposure controls

#### 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:

Not necessary if room is well-ventilated.

Short term filter device:

Filter AX.

**Protection of hands:** Protective gloves.

#### Material of gloves

Nitrile rubber, NBR

Fluorocarbon rubber (Viton)

Butyl rubber, BR

**Eye protection:** Tightly sealed goggles

**Body protection:** Protective work clothing.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### General Information

#### Appearance:

<b>Form:</b>	Fluid
<b>Colour:</b>	According to product specification
<b>Odour:</b>	Characteristic
<b>Odour threshold:</b>	Not determined.

**pH-value:** Alkaline

#### Change in condition

<b>Melting point/Melting range:</b>	Undetermined.
<b>Boiling point/Boiling range:</b>	Undetermined.

**Flash point:** Not determined

**Flammability (solid, gaseous):** Not applicable.

**Ignition temperature:** Not determined.

**Decomposition temperature:** Not determined.

**Self-igniting:** Product is not selfigniting.

**Danger of explosion:** Product does not present an explosion hazard.

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<b>Explosion limits:</b>	
Lower:	Not determined.
Upper:	Not determined.
<b>Oxidising properties</b>	Not determined.
<b>Vapour pressure:</b>	Not determined.
<b>Density:</b>	Not determined
<b>Bulk density:</b>	Not applicable.
<b>Relative density</b>	Not determined.
<b>Vapour density</b>	Not determined.
<b>Evaporation rate</b>	Not determined.
<b>Solubility in / Miscibility with Water:</b>	Partly soluble
<b>Segregation coefficient (n-octanol/water) log Pow:</b>	Not determined.
<b>Viscosity:</b>	
dynamic:	Not determined.
kinematic:	Not determined.
<b>Solvent separation test:</b>	Not determined
<b>Solvent content:</b>	
EU-VOC	0,00 %
<b>9.2 Other information</b>	None.

### SECTION 10: Stability and reactivity

#### 10.1 Reactivity

**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**

Strong exothermic reaction with acids

Reacts with strong oxidizing agents

**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.

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### SECTION 11: Toxicological information

#### 11.1 Information on toxicological effects

##### Acute toxicity:

##### LD/LC50 values relevant for classification:

Components	Type	Value	Species
<b>Polyoxypropylendiamin</b>			
Oral	LD50	2855 mg/kg (rat)	
Dermal	LD50	2980 mg/kg (rabbit)	

##### Primary irritant effect:

**on the skin:** Caustic effect on skin and mucous membranes.

##### on the eye:

Strong caustic effect.

Strong irritant with the danger of severe eye injury.

**Sensitisation:** No sensitising effects known.

##### Additional toxicological information:

The product shows the following dangers according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version:

Corrosive

Swallowing will lead to a strong caustic effect on mouth and throat and to the danger of perforation of esophagus and stomach.

### SECTION 12: Ecological information

#### 12.1 Toxicity

**Aquatic toxicity:** No further relevant information available.

Type of test	Effective concentration	Method	Assessment
<b>Polyoxypropylendiamin</b>			
LC50/96h	> 220 mg/l (orfe)		

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

**12.3 Bioaccumulative potential** No further relevant information available.

##### Behaviour in environmental systems:

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

##### Ecotoxicological effects:

##### Remark:

The product contains substances which cause a local pH change and thus have a detrimental effect on fish and bacteria.

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

Harmful to fish

**Remark:** The product causes a significant pH change. Neutralise before introduction.

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### Additional ecological information:

#### General notes:

Must not reach sewage water or drainage ditch undiluted or unneutralised.  
Danger to drinking water if even small quantities leak into the ground.

Harmful to aquatic organisms

#### 12.5 Results of PBT and vPvB assessment

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

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

**12.6 Other adverse effects** No further relevant information available.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### Recommendation

After mixing with the resin component pour a partial amount back into the curing agent barrel, stir well and pour the mass back once more. Cured epoxy resin products are waste that requires no particular supervision and can as a rule be disposed of as commercial waste that is similar to household rubbish.

#### European waste catalogue

Possible waste code. The concrete waste code depends of the source of the waste.

07 01 99	wastes not otherwise specified
16 03 05*	organic wastes containing dangerous substances

#### Uncleaned packaging:

**Recommendation:** Disposal must be made according to official regulations.

## SECTION 14: Transport information

<b>14.1 UN-Number</b> <b>ADR, IMDG, IATA</b>	UN1719
<b>14.2 UN proper shipping name</b> <b>ADR</b>	1719 CAUSTIC ALKALI LIQUID, N.O.S. (Polyoxypropylendiamin)
<b>IMDG, IATA</b>	CAUSTIC ALKALI LIQUID, N.O.S. (Polyoxypropylendiamin)

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### 14.3 Transport hazard class(es)

**ADR**



**Class** 8 (C5) Corrosive substances.  
**Label** 8

**IMDG, IATA**



**Class** 8 Corrosive substances.  
**Label** 8

### 14.4 Packing group

**ADR, IMDG, IATA** II

### 14.5 Environmental hazards:

**Marine pollutant:** No

### 14.6 Special precautions for user

**Danger code (Kemler):** Warning: Corrosive substances.

**EMS Number:** 80

**Segregation groups** F-A,S-B

**Segregation groups** Alkalis

### 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

### Transport/Additional information:

**ADR**

**Limited quantities (LQ)** 1L  
**Excepted quantities (EQ)** Code: E2  
Maximum net quantity per inner packaging: 30 ml  
Maximum net quantity per outer packaging: 500 ml

**Transport category** 2

**Tunnel restriction code** E

**IMDG**

**Limited quantities (LQ)** 1L  
**Excepted quantities (EQ)** Code: E2  
Maximum net quantity per inner packaging: 30 ml  
Maximum net quantity per outer packaging: 500 ml

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**UN "Model Regulation":**

UN1719, CAUSTIC ALKALI LIQUID, N.O.S.  
(Polyoxypropylendiamin), 8, II

### SECTION 15: Regulatory information

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

**National regulations**

**Information about limitation of use:**

Employment restrictions concerning pregnant and lactating women must be observed.

**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.

**Relevant phrases**

H314 Causes severe skin burns and eye damage.

H412 Harmful to aquatic life with long lasting effects.

R34 Causes burns.

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Department issuing MSDS:** R&D Department of Sodamco Weber

**Contact:** Mr. Dimitri TABBAL

**Abbreviations and acronyms:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ADR: Accord européen sur le transport 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)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Skin Corr. 1B: Skin corrosion/irritation, Hazard Category 1B

Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1

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Aquatic Chronic 3: Hazardous to the aquatic environment - Chronic Hazard, Category 3

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

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