

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 13.05.2018

Version number 1

Revision: 13.05.2018

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

1.1 Product identifier**Trade name** weberfloor VB:hardener**Safety data sheet no.:** XXP014694-b**CAS Number:**

9046-10-0

Registration number 01-2119557899-12-xxxx**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** Epoxy coating**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

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ATTADAMUNIA for Construction Industries JSC

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

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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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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
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SODAMCO Industrial Co. for Construction Chemicals W.L.L (Riyadh Office)
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T +966 11 473 8751
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1.4 Emergency telephone number:

UAE:+971 2 550 9994

Lebanon:+9619790920

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Riyadh:+966114738751

Qatar:+97444423816

Jordan: +96264200417

Kuwait:+96525716404

Muscat:+96824218361

Hours of operation: From 8 am to 6 pm

Monday to Friday in Lebanon

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**

GHS05 corrosion

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

Eye Dam. 1 H318 Causes serious eye damage.



GHS09 environment

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

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

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

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Hazard pictograms

GHS05 GHS09

Signal word Danger**Hazard-determining components of labelling:**

Polyoxypropylene diamine

Hazard statements

H314 Causes severe skin burns and eye damage.

H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

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

P303+P361+P353 IF ON SKIN (or hair): 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.

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****3.1 Chemical characterisation: Substances****CAS No. Description**

9046-10-0 Polyoxypropylene diamine

SVHC Void**SECTION 4: First aid measures****4.1 Description of first aid measures****General information**

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

Immediately remove any clothing soiled by the product.

After inhalation

Seek immediate medical advice.

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Supply fresh air.

Do not use mouth to mouth or mouth to nose resuscitation.

After skin contact

Seek immediate medical advice.

Immediately rinse with water.

If skin irritation continues, consult a doctor.

After eye contact

Seek immediate medical advice.

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

After swallowing

Seek immediate medical advice.

Call a doctor immediately.

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

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

Medical supervision for at least 48 hours

If swallowed or in case of vomiting, danger of entering the lungs

SECTION 5: Firefighting measures**5.1 Extinguishing media****Suitable extinguishing agents**

Use fire extinguishing methods suitable to surrounding conditions.

5.2 Special hazards arising from the substance or mixture

In case of fire, the following can be released:

Carbon dioxide (CO₂)

Carbon monoxide (CO)

Nitrogen oxides (NO_x)**5.3 Advice for firefighters****Protective equipment:**

Wear fully protective suit.

Wear self-contained respiratory protective device.

SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency****procedures** Remove persons from danger area.

Ensure adequate ventilation.

Mount respiratory protective device.

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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 to enter sewers/ surface or ground water.

6.3 Methods and material for containment and cleaning up:

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

Dilute with plenty water.

Dispose of the material collected according to regulations.

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**

Ensure good ventilation/exhaustion at the workplace.

Keep receptacles tightly sealed.

Do not refill residue into storage receptacles.

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.

Do not store together with acids.

Further information about storage conditions:

Protect from heat and direct sunlight.

Store in cool, dry conditions in well sealed receptacles.

Store in a cool place. Heat will increase pressure and may
lead to the receptacle bursting.

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:

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.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

The determined penetration times according to EN 374 part III are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.

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:

Form:

Liquid Colourless

Colour:

Ammonia-like Not determined.

Odour:

Odour threshold:

11.6

pH-value:

Change in condition

Melting point/freezing point:

Undetermined.

Initial boiling point and boiling range:

232 °C

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Flash point:	128 °C
Flammability (solid, gas):	Not applicable.
Ignition temperature:	Not determined.
Decomposition temperature:	Not determined.
Auto-ignition temperature:	Not determined.
Explosive properties:	Product does not present an explosion hazard.
Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
Oxidising properties	Not determined.
Vapour pressure at 20 °C:	0.9 hPa
Density at 20 °C:	0.948 g/cm ³
Bulk density:	Not applicable.
Relative density	Not determined.
Vapour density	Not determined.
Evaporation rate	Not determined.
Solubility in / Miscibility with	
Water at 20 °C:	100 g/l
Segregation coefficient (n-octanol/water) log	
Pow:	Not determined.
Viscosity:	
dynamic at 20 °C:	15 s
kinematic:	Not determined.
Solvent separation test:	Not applicable.
Solvent content:	
EU-VOC	0.00 %
9.2 Other information	No further relevant information available.

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: Stable at environment temperature.

10.3 Possibility of hazardous reactions Reacts with acids

10.4 Conditions to avoid No further relevant information available.

10.5 Incompatible materials: No further relevant information available.

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10.6 Hazardous decomposition products:

Ammonia
Carbon dioxide
Carbon monoxide
Aldehyde

SECTION 11: Toxicological information

11.1 Information on toxicological effects

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

LD/LC50 values relevant for classification:

Components	Type	Value	Species
CAS: 9046-10-0 Polyoxypropylene diamine			
Oral	LD50	2,880 mg/kg	(Rat)
Dermal	LD50	2,980 mg/kg	(Rabbit)

Primary irritant effect:

Skin corrosion/irritation

Causes severe skin burns and eye damage.

Serious eye damage/irritation

Causes serious eye damage.

Respiratory or skin sensitisation Based on available data, the classification criteria are not met.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

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

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.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity: Toxic to aquatic life with long lasting effects (H411)

Type of test	Effective concentration	Method	Assessment
CAS: 9046-10-0 Polyoxypropylene diamine			
LC50/96h	772 mg/l	(Fish)	(OECD 203, static)
EC50/48h	80 mg/l	(Daphnia magna)	
EC50/72h	15 mg/l	(Scenedesmus subspicatus)	(Algae)
NOEC (72h)	0.32 mg/l	(Algae)	(OECD 201, static)

12.2 Persistence and degradability No further relevant information available.

12.3 Bioaccumulative potential No further relevant information available.

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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.

Additional ecological information:
General notes:

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

The product contains materials that are harmful to the environment.

Toxic for 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

Dispose of the product in accordance with national and local regulations.

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

European waste catalogue

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

08 01 11* | waste paint and varnish containing organic solvents or other hazardous substances

Uncleaned packaging:
Recommendation:

Disposal must be made according to official regulations.

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

SECTION 14: Transport information

14.1 UN-Number
ADR, IMDG, IATA

UN2735

14.2 UN proper shipping name
ADR

2735 AMINES, LIQUID, CORROSIVE, N.O.S. (1-(2-aminopropoxy)-2-[2-(2-aminopropoxy)propoxy] propane; 1-[[1-(2-aminopropoxy)propan-2-yl]oxy] propan-2-amine; 5,8,11,14,17-pentamethyl-4,7,10,13,16,19-hexaoxadocosane-2,21-diamine; 5,8,11,14-tetramethyl-4,7,10,13,16-

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IMDG, IATA

pentaonanadecane-2,18-diamine; 5,8,11-trimethyl-4,7,10,13-tetraoxahexadecane-2,15-diamine), ENVIRONMENTALLY HAZARDOUS AMINES, LIQUID, CORROSIVE, N.O.S. (1-(2-aminopropoxy)-2-[2-(2-aminopropoxy)propoxy]propane; 1-[[1-(2-aminopropoxy)propan-2-yl]oxy]propan-2-amine; 5,8,11,14,17-pentamethyl-4,7,10,13,16,19-hexaoxadocosane-2,21-diamine; 5,8,11,14-tetramethyl-4,7,10,13,16-pentaonanadecane-2,18-diamine; 5,8,11-trimethyl-4,7,10,13-tetraoxahexadecane-2,15-diamine)

14.3 Transport hazard class(es)
ADR

**Class
Label**

8 (C7) Corrosive substances.
8

IMDG, IATA

**Class
Label**

8 Corrosive substances.
8

14.4 Packing group
ADR, IMDG, IATA

II

14.5 Environmental hazards:
Special marking (ADR):

Symbol (fish and tree)

14.6 Special precautions for user
Danger code (Kemler):

Warning: Corrosive substances.

EMS Number:

80

Segregation groups

F-A,S-B

Stowage Category

Alkalis

Segregation Code

A

SG35 Stow "separated from" acids.

14.7 Transport in bulk according to Annex II of
Marpol and the IBC Code

Not applicable.

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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

Remarks:

1997

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

UN "Model Regulation":

UN 2735 AMINES, LIQUID, CORROSIVE, N.O.S.
(1 - (2 - A M I N O P R O P O X Y) - 2 - [2 - (2 -
AMINOPROPOXY)PROPOXY]PROPANE; 1-[[1-(2-
AMINOPROPOXY)PROPAN-2-YL]OXY]PROPAN-
2 - A M I N E ; 5 , 8 , 1 1 , 1 4 , 1 7 - P E N T A M E T H Y L -
4,7,10,13,16,19-HEXAOXADOCOSANE-2,21-
DIAMINE; 5,8,11,14-TETRAMETHYL-4,7,10,13,16-
PENTAOXANONADECANE-2,18-DIAMINE; 5,8,11-
T R I M E T H Y L - 4 , 7 , 1 0 , 1 3 -
TETRAOXAHEXADECANE-2,15-DIAMINE), 8, II,
ENVIRONMENTALLY HAZARDOUS

SECTION 15: Regulatory information

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

Regulation (EC) No 1272/2008 (CLP)

Regulation (EC) No 1907/2006 (REACH) (Candidate List, Annexes XIV and XVII)

Directive 2004/42/CE (VOC), cf. section 9

Labelling according to Regulation (EC) No 1272/2008 cf. section 2

Directive 2012/18/EU

Named dangerous substances - ANNEX I Substance is not 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

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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.

Department issuing SDS: R&D Department of Weber-Middle East**Contact:**

Product Safety

T+97125509449

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

Abbreviations and acronyms:

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

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

SVHC: Substances of Very High Concern (REACH regulation)

vPvB: very Persistent and very Bioaccumulative

Skin Corr. 1B: Skin corrosion/irritation – Category 1B

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

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.

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