

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 11.03.2016

Revision: 27.11.2015

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

1.1 Product identifier

Trade name weber.xerm 847, comp. A

Safety data sheet no.: XXP010339-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 Epoxy resin adhesive

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

Saint-Gobain Byggevarer as
Brobekkveien 84
mailbox 216 Alnabru
0614 Oslo
Switchboard Tlf. 22 88 77 00
e-post: info@weber-norge.no
www.weber-norge.no

1.4 Emergency telephone number: Norwegian Poison Information Centre: +47 22 59 13 00

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008



GHS08 health hazard

Muta. 2 H341 Suspected of causing genetic defects.



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.

(Contd. on page 2)

EUG

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

Printing date 11.03.2016

Revision: 27.11.2015

Trade name weber.xerm 847, comp. A

(Contd. of page 1)

Hazard pictograms



GHS07 GHS08 GHS09

Signal word Warning

Hazard-determining components of labelling:

reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight = 700)
1,2-epoxy-3-(tolyloxy)propane
4-nonylphenol, branched

Hazard statements

H315 Causes skin irritation.
H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction.
H341 Suspected of causing genetic defects.
H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

P261 Avoid breathing vapours.
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.
P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
P302+P352 IF ON SKIN: Wash with plenty of water.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Additional information:

Contains epoxy constituents. May produce an allergic reaction.

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 based on bisphenol-A

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) ⚠ Aquatic Chronic 2, H411; ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317	10 - 25%
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(Contd. on page 3)

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

Printing date 11.03.2016

Revision: 27.11.2015

Trade name weber.xerm 847, comp. A

(Contd. of page 2)		
CAS: 26447-14-3 EINECS: 247-711-4 Index number: 603-056-00-X	1,2-epoxy-3-(tolyloxy)propane ----- ☠ Muta. 2, H341; ☠ Aquatic Chronic 2, H411; ☠ Skin Irrit. 2, H315; Skin Sens. 1, H317	5 - 10%
CAS: 84852-15-3 EINECS: 284-325-5 Index number: 601-053-00-8 Reg.nr.: 2119510715-45-0002	4-nonylphenol, branched ----- ☠ Repr. 2, H361fd; ☠ Skin Corr. 1B, H314; ☠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410; ☠ Acute Tox. 4, H302	2 - 5%
SVHC		
84852-15-3	4-nonylphenol, branched	
Additional information For the wording of the listed hazard 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; consult doctor in case of complaints.

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. 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.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

Information for doctor None

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

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

For safety reasons unsuitable extinguishing agents Water with full jet

5.2 Special hazards arising from the substance or mixture

No further relevant information available.

(Contd. on page 4)

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

Printing date 11.03.2016

Revision: 27.11.2015

Trade name weber.xerm 847, comp. A

(Contd. of page 3)

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**

Wear protective equipment. Keep unprotected persons away.

Ensure adequate ventilation.

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.

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 the material collected according to regulations.

6.4 Reference to other sections See Section 13 for disposal information.**SECTION 7: Handling and storage****7.1 Precautions for safe handling**

Use only in well ventilated areas.

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:

Do not store together with alkalis (caustic solutions).

Store away from foodstuffs.

Further information about storage conditions:

Store in cool, dry conditions in well sealed receptacles.

Protect from heat and direct sunlight.

Protect from freezing.

Recommended storage temperature: 5-30 °C.**7.3 Specific end use(s)** No further relevant information available.

EUG

(Contd. on page 5)

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

Printing date 11.03.2016

Revision: 27.11.2015

Trade name weber.xerm 847, comp. A

(Contd. of page 4)

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.

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:

Use suitable respiratory protective device in case of insufficient ventilation.

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.

Short term filter device:

Filter A2

Protection of hands:

Protective gloves.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves

Butyl rubber, BR

Nitrile rubber, NBR

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 exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection: Tightly sealed goggles

Body protection: Protective work clothing.

EUG

(Contd. on page 6)

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

Printing date 11.03.2016

Revision: 27.11.2015

Trade name weber.xerm 847, comp. A

(Contd. of page 5)

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Appearance:

Form:	Fluid
Colour:	Light grey
Odour:	Weak, characteristic
Odour threshold:	Not determined.

pH-value: Not applicable.

Change in condition

Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	Undetermined.

Flash point: > 100 °C (DIN ISO 2592)

Ignition temperature: 455 °C (DIN 51794)

Decomposition temperature: Not determined.

Self-igniting: Product is not selfigniting.

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

Explosion limits:

Lower:	Not determined.
Upper:	Not determined.
Oxidising properties	Not determined.

Vapour pressure: 0,1 hPa (DIN 51640)

Density at 20 °C: 1,29 g/cm³ (DIN 51757)

Bulk density: Not applicable.

Vapour density: Not determined.

Evaporation rate: Not determined.

Solubility in / Miscibility with

Water: Insoluble

Segregation coefficient (n-octanol/water) log

Pow: Not determined.

Viscosity:

dynamic:	Not determined.
kinematic:	Not determined.

Solvent separation test: Not determined

Solvent content:

Organic solvents:	0,4 %
EU-VOC	0,38 %

(Contd. on page 7)

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

Printing date 11.03.2016

Revision: 27.11.2015

Trade name weber.xerm 847, comp. A

(Contd. of page 6)

9.2 Other information

None.

SECTION 10: Stability and reactivity

10.1 Reactivity No further relevant information available.

10.2 Chemical stability

Thermal decomposition / Conditions to be avoided: Exothermic thermal decomposition

10.3 Possibility of hazardous reactions

Exothermic polymerisation.

Reacts with alcohols, amines, aqueous acids and alkalis

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

LD/LC50 values relevant for classification:

Components	Type	Value	Species
25068-38-6 reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight = 700)			
Oral	LD50	15000 mg/kg	(rat)
Dermal	LD50	23000 mg/kg	(rabbit)
26447-14-3 1,2-epoxy-3-(tolylloxy)propane			
Oral	LD50	> 2000 mg/kg	(rat)
84852-15-3 4-nonylphenol, branched			
Oral	LD50	> 300-2000 mg/kg	(rat)

Primary irritant effect:

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/irritation

Causes serious eye irritation.

Respiratory or skin sensitisation

May cause an allergic skin reaction.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Germ cell mutagenicity

Suspected of causing genetic defects.

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.

(Contd. on page 8)

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

Printing date 11.03.2016

Revision: 27.11.2015

Trade name weber.xerm 847, comp. A

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

(Contd. of page 7)

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)

LC50/96h	2 mg/l (orfe)
EC50/48h	1,7 mg/l (water flea)
EC50/96h	220 mg/l (Selenastrum capricornutum (green alge))

84852-15-3 4-nonylphenol, branched

LC50/96h	> 0,1-1 mg/l (minnow)
NOEC (21d)	0,024 mg/l (water flea)

12.2 Persistence and degradability No further relevant information available.

Other information: The product is not easily biodegradable.

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.

Additional ecological information:

General notes:

Toxic for aquatic organisms
Also poisonous for fish and plankton in water bodies.
Do not allow product to reach ground water, water course or sewage system.
Danger to drinking water if even small quantities leak into the ground.

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.

(Contd. on page 9)

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

Printing date 11.03.2016

Revision: 27.11.2015

Trade name weber.xerm 847, comp. A

(Contd. of page 8)

European waste catalogue

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

07 02 08* | other still bottoms and reaction residues

Uncleaned packaging:

Recommendation:

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

Recommended cleaning agent: Water, if necessary together with cleansing agents.

SECTION 14: Transport information

14.1 UN-Number
ADR, IMDG, IATA

UN3082

14.2 UN proper shipping name
ADR

3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Epoxy Resin, 1,2-epoxy-3-(tolyloxy)propane)

IMDG

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Epoxy Resin, 1,2-epoxy-3-(tolyloxy)propane), MARINE POLLUTANT

IATA

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Epoxy Resin, 1,2-epoxy-3-(tolyloxy)propane)

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

(Contd. on page 10)

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

Printing date 11.03.2016

Revision: 27.11.2015

Trade name weber.xerm 847, comp. A

(Contd. of page 9)

14.4 Packing group ADR, IMDG, IATA	III
14.5 Environmental hazards:	
Marine pollutant:	Yes
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.
Danger code (Kemler):	90
EMS Number:	F-A,S-F
Stowage Category	A
14.7 Transport in bulk according to Annex II of Marpol and the IBC Code	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
Tunnel restriction code	E
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":	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (EPOXY RESIN, 1,2-EPOXY-3-(TOLYLOXY)PROPANE), 9, III

SECTION 15: Regulatory information

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

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

(Contd. on page 11)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 11.03.2016

Revision: 27.11.2015

Trade name weber.xerm 847, comp. A

(Contd. of page 10)

National regulations**Other regulations, limitations and prohibitive regulations****Medical check-ups**

84852-15-3 | 4-nonylphenol, branched

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

- H302 Harmful if swallowed.
- H314 Causes severe skin burns and eye damage.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.
- H341 Suspected of causing genetic defects.
- H361fd Suspected of damaging fertility. Suspected of damaging the unborn child.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.
- H411 Toxic to aquatic life with long lasting effects.

Department issuing SDS: R & D Department**Contact:** Line Holaker, Tel.: +47 22 88 77 00**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

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

Acute Tox. 4: Acute toxicity, Hazard Category 4

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

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

Muta. 2: Germ cell mutagenicity, Hazard Category 2

Repr. 2: Reproductive toxicity, Hazard Category 2

(Contd. on page 12)

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

Printing date 11.03.2016

Revision: 27.11.2015

Trade name weber.xerm 847, comp. A

Aquatic Acute 1: Hazardous to the aquatic environment - AcuteHazard, Category 1
Aquatic Chronic 1: Hazardous to the aquatic environment - Chronic Hazard, Category 1
Aquatic Chronic 2: Hazardous to the aquatic environment - Chronic Hazard, Category 2
*** Data compared to the previous version altered.**

(Contd. of page 11)

EUG