Safety Data Sheet
according to 1907/2006/EC, Article 31

Printing date 03.08.2023 Version number 4 (replaces version 3) Revision: 03.08.2023

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

1.1 Product identifier
Trade name weber 2-K Epoxyprimer, comp.B

Safety data sheet no.: 358P0171-b
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
Priming

1.3 Details of the supplier of the safety data sheet
Manufacturer/Supplier:
Saint-Gobain Finland Oy / Weber
PL 70
(Strömberginkuja 2)
FIN-00381 Helsinki

Tel. +358-(0)10-44 22 00
Fax +358-(0)10-44 22 295
DL-productsafety.fi@saint-gobain.com
www.fi.weber
1.4 Emergency telephone number:
0800 147 111 (toll-free)
09 471 977 (standard rate)
Finnish Poison Information Centre

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture
Classification according to Regulation (EC) No 1272/2008

Acute Tox. 4	H302 Harmful if swallowed.
Acute Tox. 4	H332 Harmful if inhaled.
Skin Corr. 1B	H314 Causes severe skin burns and eye damage.
Eye Dam. 1	H318 Causes serious eye damage.
Skin Sens. 1	H317 May cause an allergic skin reaction.
Repr. 2	H361 Suspected of damaging fertility or the unborn child. Route of exposure: Oral.
STOT RE 2	H373 May cause damage to the respiratory tract through prolonged or repeated exposure. Route of exposure: Inhalation.
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 product is classified and labelled according to the CLP regulation.
Hazard pictograms

GHS05 GHS07 GHS08 GHS09

(Contd. on page 2)

Safety Data Sheet
according to 1907/2006/EC, Article 31

Printing date 03.08.2023 Version number 4 (replaces version 3) Revision: 03.08.2023

Trade name weber 2-K Epoxyprimer, comp.B

(Contd. of page 1)

Signal word Danger

Hazard-determining components of labelling:
3-aminomethyl-3,5,5-trimethylcyclohexylamine
m-phenylenebis(methylamine)
2-piperazin-1-ylethylamine
phenol, styrenated
2,4,6-tris(dimethylaminomethyl)phenol
Cyclohexanemethanamine, 5-amino-1,3,3-trimethyl-, reaction products with dodecyl/tetradecyl glycidyl ethers
3-aminopropyltriethoxysilane
Reaction products of 3-aminomethyl-3,5,5-trimethylcyclohexylamine with 2,2'-[(1-methylethylidene) bis(4,1-phenyleneoxymethylene)]bisoxirane
[3-(Aminomethyl)phenyl]methanamine reaction products with dodecyl/tetradecyl glycidyl ethers
N-(3-(trimethoxysilyl)propyl)ethylenediamine

Hazard statements
H302+H332 Harmful if swallowed or if inhaled.
H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
H361 Suspected of damaging fertility or the unborn child. Route of exposure: Oral.
H373 May cause damage to the respiratory tract through prolonged or repeated exposure. Route of exposure: Inhalation.
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 [or 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.

Determination of endocrine-disrupting properties		
CAS: 61788-44-1	phenol, styrenated	List II

*
SECTION 3: Composition/information on ingredients

3.2 Mixtures
Description: Epoxy primer

(Contd. on page 3)

Safety Data Sheet
according to 1907/2006/EC, Article 31

Printing date 03.08.2023 Version number 4 (replaces version 3) Revision: 03.08.2023

Trade name weber 2-K Epoxyprimer, comp.B

(Contd. of page 2)

Dangerous components:		
CAS: 61788-44-1 EINECS: 262-975-0 Reg.nr.: 01-2119979575-18-xxxx	phenol, styrenated Aquatic Chronic 2, H411; Skin Irrit. 2, H315; Skin Sens. 1, H317	25-50%
CAS: 108-32-7 EINECS: 203-572-1 Index number: 607-194-00-1 Reg.nr.: 01-2119537232-48-xxxx	propylene carbonate Eye Irrit. 2, H319	10-20%
CAS: 2855-13-2 EINECS: 220-666-8 Index number: 612-067-00-9 Reg.nr.: 01-2119514687-32-xxxx	3-aminomethyl-3,5,5-trimethylcyclohexylamine Skin Corr. 1B, H314; Eye Dam. 1, H318; Acute Tox. 4, H302; Skin Sens. 1A, H317 ATE: LD50 oral: 1,030 mg/kg Specific concentration limit: Skin Sens. 1A; H317: C ≥ 0.001 %	10-20%
CAS: 9046-10-0 EC number: 618-561-0 Reg.nr.: 01-2119557899-12-xxxx	Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-(2-aminomethylethyl)-.omega.-(2-aminomethylethoxy)- Skin Corr. 1C, H314; Eye Dam. 1, H318; Aquatic Chronic 3, H412	10-20%
CAS: 90-72-2 EINECS: 202-013-9 Index number: 603-069-00-0 Reg.nr.: 01-2119560597-27-xxxx	2,4,6-tris(dimethylaminomethyl)phenol Skin Corr. 1C, H314; Eye Dam. 1, H318; Skin Sens. 1, H317	5-10%
CAS: 140-31-8 EINECS: 205-411-0 Index number: 612-105-00-4 Reg.nr.: 01-2119471486-30-xxxx	2-piperazin-1-ylethylamine Acute Tox. 3, H311; Repr. 2, H361; STOT RE 1, H372; Skin Corr. 1B, H314; Eye Dam. 1, H318; Acute Tox. 4, H302; Skin Sens. 1, H317; Aquatic Chronic 3, H412	≥5-<10%
CAS: 1477-55-0 EINECS: 216-032-5 Reg.nr.: 01-2119480150-50-xxxx	m-phenylenebis(methylamine) Skin Corr. 1B, H314; Acute Tox. 4, H302; Acute Tox. 4, H332; Skin Sens. 1, H317; Aquatic Chronic 3, H412, EUH071	5-10%
CAS: 2414559-76-3 EC number: 857-110-4	Cyclohexanemethanamine, 5-amino-1,3,3-trimethyl-, reaction products with dodecyl/tetradecyl glycidyl ethers Skin Corr. 1B, H314; Eye Dam. 1, H318; Acute Tox. 4, H302; Acute Tox. 4, H312; Skin Sens. 1, H317; Aquatic Chronic 3, H412	≥3-<5%
CAS: 919-30-2 EINECS: 213-048-4 Index number: 612-108-00-0 Reg.nr.: 01-2119480479-24-xxxx	3-aminopropyltriethoxysilane Skin Corr. 1B, H314; Eye Dam. 1, H318; Acute Tox. 4, H302; Skin Sens. 1, H317	1%

(Contd. on page 4)

Safety Data Sheet
according to 1907/2006/EC, Article 31

Printing date 03.08.2023 Version number 4 (replaces version 3) Revision: 03.08.2023

Trade name weber 2-K Epoxyprimer, comp.B

(Contd. of page 3)

CAS: 68609-08-5 EC number: 614-657-1 Reg.nr.: 01-2120106013-80-xxxx	Reaction products of 3-aminomethyl-3,5,5-trimethylcyclohexylamine with 2,2'-[(1-methylethylidene) bis(4,1-phenyleneoxymethylene)]bisoxirane Aquatic Chronic 2, H411; Acute Tox. 4, H302; Skin Sens. 1, H317	1%
CAS: 2414204-76-3 EC number: 857-104-1	[3-(Aminomethyl)phenyl]methanamine reaction products with dodecyl/tetradecyl glycidyl ethers Skin Corr. 1B, H314; Eye Dam. 1, H318; Acute Tox. 4, H302; Acute Tox. 4, H332; Skin Sens. 1, H317; Aquatic Chronic 3, H412	1%
CAS: 1760-24-3 EINECS: 217-164-6 Reg.nr.: 01-2119970215-39-xxxx	N-(3-(trimethoxysilyl)propyl)ethylenediamine STOT RE 2, H373; Eye Dam. 1, H318; Acute Tox. 4, H332; Skin Sens. 1B, H317	≥0.1-<1%

SVHC Void
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 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
Rinse out mouth and drink a glass of 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
Treat symptomatically. Ensure that medical personnel know the substance involved and that they take the necessary protective measures.

SECTION 5: Firefighting measures

5.1 Extinguishing media
Suitable extinguishing agents
Water haze
Fire-extinguishing powder
Carbon dioxide
Foam
For safety reasons unsuitable extinguishing agents Water with full jet

(Contd. on page 5)

Safety Data Sheet
according to 1907/2006/EC, Article 31

Printing date 03.08.2023 Version number 4 (replaces version 3) Revision: 03.08.2023

Trade name weber 2-K Epoxyprimer, comp.B

(Contd. of page 4)

5.2 Special hazards arising from the substance or mixture
Formation of toxic gases is possible during heating or in case of fire.
5.3 Advice for firefighters
Protective equipment:
Wear self-contained respiratory protective device.
Wear fully protective suit.
Additional information
Cool endangered receptacles with water spray.
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
Remove persons from danger area.
Wear protective clothing.
Ensure adequate ventilation.
6.2 Environmental precautions:
Do not allow to enter sewers/ surface or ground water.
Prevent from spreading (e.g. by damming-in or oil barriers).
Do not allow to penetrate the ground/soil.
6.3 Methods and material for containment and cleaning up:
Dispose of contaminated material as waste according to section 13.
Ensure adequate ventilation.
Absorb with non-combustible liquid-binding material (sand, diatomite, universal binders).
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.
Information about fire - and explosion protection: Keep ignition sources away - Do not smoke.

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.
Store away from oxidising agents.
Further information about storage conditions:
Store receptacle in a well ventilated area.
Store in dry conditions.
Protect from heat and direct sunlight.
7.3 Specific end use(s) No further relevant information available.

(Contd. on page 6)

Safety Data Sheet
according to 1907/2006/EC, Article 31

Printing date 03.08.2023 Version number 4 (replaces version 3) Revision: 03.08.2023

Trade name weber 2-K Epoxyprimer, comp.B

(Contd. of page 5)

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

DNELs		
CAS: 61788-44-1 phenol, styrenated		
Oral	Derived No Effect Level	0.75 mg/kgxday (consumer systemic long term value)
Dermal	Derived No Effect Level	2.1 mg/kgxday (worker systemic long term value)
		0.75 mg/kgxday (consumer systemic long term value)
Inhalative	Derived No Effect Level	7.4 mg/m³ (worker systemic long term value)
		1.31 mg/m³ (consumer systemic long term value)
CAS: 108-32-7 propylene carbonate		
Oral	Derived No Effect Level	10 mg/kgxday (consumer systemic long term value)
Dermal	Derived No Effect Level	20 mg/kgxday (worker systemic long term value)
		10 mg/kgxday (consumer systemic long term value)
Inhalative	Derived No Effect Level	70.53 mg/m³ (worker systemic long term value)
		17.4 mg/m³ (consumer systemic long term value)
CAS: 2855-13-2 3-aminomethyl-3,5,5-trimethylcyclohexylamine		
Oral	Derived No Effect Level	0.3 mg/kgxday (consumer systemic long term value)
		0.3 mg/kgxday (consumer systemic short term value)
Inhalative	Derived No Effect Level	0.073 mg/m³ (worker local short term value)
		0.073 mg/m³ (worker local long term value)
CAS: 9046-10-0 Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-(2-aminomethylethyl)-.omega.-(2-aminomethylethoxy)-		
Dermal	Derived No Effect Level	2.5 mg/kgxday (worker systemic long term value)
Inhalative	Derived No Effect Level	5.29 mg/m³ (worker systemic long term value)
CAS: 90-72-2 2,4,6-tris(dimethylaminomethyl)phenol		
Oral	Derived No Effect Level	0.075 mg/kgxday (consumer systemic long term value)
Dermal	Derived No Effect Level	0.15 mg/kgxday (worker systemic long term value)
		0.075 mg/kgxday (consumer systemic long term value)
Inhalative	Derived No Effect Level	0.53 mg/m³ (worker systemic long term value)
		0.13 mg/m³ (consumer systemic long term value)
CAS: 140-31-8 2-piperazin-1-ylethylamine		
Dermal	Derived No Effect Level	3.33 mg/kgxday (worker systemic long term value)
Inhalative	Derived No Effect Level	10.6 mg/m³ (worker systemic long term value)
		10.6 mg/m³ (worker systemic short term value)
		0.08 mg/m³ (worker local short term value)
		0.015 mg/m³ (worker local long term value)
CAS: 1477-55-0 m-phenylenebis(methylamine)		
Dermal	Derived No Effect Level	0.33 mg/kgxday (worker systemic long term value)
Inhalative	Derived No Effect Level	1.2 mg/m³ (worker systemic long term value)

(Contd. on page 7)

Safety Data Sheet
according to 1907/2006/EC, Article 31

Printing date 03.08.2023 Version number 4 (replaces version 3) Revision: 03.08.2023

Trade name weber 2-K Epoxyprimer, comp.B

(Contd. of page 6)

		0.2 mg/m³ (worker local long term value)
CAS: 919-30-2 3-aminopropyltriethoxysilane		
Oral	Derived No Effect Level	1 mg/kgxday (consumer systemic long term value)
Dermal	Derived No Effect Level	2 mg/kgxday (worker systemic long term value)
		1 mg/kgxday (consumer systemic long term value)
Inhalative	Derived No Effect Level	14 mg/m³ (worker systemic long term value)
		3.5 mg/m³ (consumer systemic long term value)
CAS: 68609-08-5 Reaction products of 3-aminomethyl-3,5,5-trimethylcyclohexylamine with 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane		
Oral	Derived No Effect Level	0.33 mg/kgxday (consumer systemic long term value)
Dermal	Derived No Effect Level	1.87 mg/kgxday (worker systemic long term value)
		0.67 mg/kgxday (consumer systemic long term value)
Inhalative	Derived No Effect Level	3.29 mg/m³ (worker systemic long term value)
		0.58 mg/m³ (consumer systemic long term value)
CAS: 1760-24-3 N-(3-(trimethoxysilyl)propyl)ethylenediamine		
Oral	Derived No Effect Level	4 mg/kgxday (consumer systemic long term value)
Inhalative	Derived No Effect Level	130 mg/m³ (worker systemic long term value)
		26 mg/m³ (consumer systemic long term value)

PNECs	
CAS: 2855-13-2 3-aminomethyl-3,5,5-trimethylcyclohexylamine	
Predicted No-Effect Concentration	0.06 mg/l (fresh water rating factor)
CAS: 1477-55-0 m-phenylenebis(methylamine)	
Predicted No-Effect Concentration	0.0094 mg/l (sea water rating factor)
	0.094 mg/l (fresh water rating factor)

CAS No. / Designation of material / % / Type / Value / Unit	
CAS: 108-32-7 propylene carbonate	
AGW (Germany)	Long-term value: 8.5 mg/m³, 2 ppm 1(I);DFG, Y, 11
CAS: 2855-13-2 3-aminomethyl-3,5,5-trimethylcyclohexylamine	
MAK (Germany)	als Dampf und Aerosol;vgl.Abschn.IIb
CAS: 1477-55-0 m-phenylenebis(methylamine)	
MAK (Germany)	als Dampf und Aerosol;vgl.Abschn.IV
GV (Denmark)	Ceiling limit: 0.1 mg/m³, 0.02 ppm LH
TWA (Italy)	Ceiling limit: 0.1 mg/m³ Cute
VLE (Portugal)	Ceiling limit: 0.1 mg/m³ P; Irritação ocular, cutânea e GI
HTP (Finland)	Ceiling limit: 0.1 mg/m³ iho
CAS: 919-30-2 3-aminopropyltriethoxysilane	
HTP (Finland)	Short-term value: 55 mg/m³, 6 ppm Long-term value: 28 mg/m³, 3 ppm

(Contd. on page 8)

Safety Data Sheet
according to 1907/2006/EC, Article 31

Printing date 03.08.2023 Version number 4 (replaces version 3) Revision: 03.08.2023

Trade name weber 2-K Epoxyprimer, comp.B

(Contd. of page 7)

8.2 Exposure controls
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.
Do not eat, drink, smoke or sniff while working.
Wash hands before breaks and at the end of work.
Avoid contact with the eyes and skin.
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.
Filter A2/P2.
Hand protection
Protective gloves against chemicals (standard EN 374-1)
Check protective gloves prior to each use for their proper condition.
The glove material has to be impermeable and resistant to the product/ the substance/ the mixture.
After use of gloves apply skin-cleaning agents and skin cosmetics.
Material of gloves
Nitrile rubber, NBR
Fluorocarbon rubber (FKM-Viton)
PVC gloves
Penetration time of glove material
The exact breaktrough time has to be found out by the manufacturer of the protective gloves and has to be observed.
Eye/face 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

Colour:	Yellow
Odour:	Amine-like
Odour threshold:	Not determined.
Melting point/freezing point:	Undetermined.
Boiling point or initial boiling point and boiling range	> 200 °C
Flammability	Not applicable.
Lower and upper explosion limit	
Lower:	0.7 Vol %
Upper:	5 Vol %
Flash point:	> 100 °C
Auto-ignition temperature:	230 °C
Decomposition temperature:	Not determined.
pH	9-11
Viscosity:	
Kinematic viscosity	Not determined.
	Not determined.

(Contd. on page 9)

Safety Data Sheet
according to 1907/2006/EC, Article 31

Printing date 03.08.2023 Version number 4 (replaces version 3) Revision: 03.08.2023

Trade name weber 2-K Epoxyprimer, comp.B

(Contd. of page 8)

dynamic at 23 °C:	60-100 mPas
Solubility	
Water:	Insoluble
Partition coefficient n-octanol/water (log value)	Not determined.
Vapour pressure:	Not applicable.
Density and/or relative density	
Density at 20 °C:	0.98 g/cm³
Relative density	Not determined.
Bulk density:	Not applicable.
Vapour density	Not determined.

9.2 Other information	
Appearance:	
Form:	Liquid
Important information on protection of health and environment, and on safety.	
Ignition temperature:	Product is not self-igniting.
Explosive properties:	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
Minimum ignition energy	
Solvent separation test:	Not applicable.
EU-VOC (%)	0,00 %
Change in condition	
Softening point/range	
Oxidising properties	Not determined.
Evaporation rate	Not determined.

Information with regard to physical hazard classes	
Explosives	Void
Flammable gases	Void
Aerosols	Void
Oxidising gases	Void
Gases under pressure	Void
Flammable liquids	Void
Flammable solids	Void
Self-reactive substances and mixtures	Void
Pyrophoric liquids	Void
Pyrophoric solids	Void
Self-heating substances and mixtures	Void
Substances and mixtures, which emit flammable gases in contact with water	Void
Oxidising liquids	Void
Oxidising solids	Void
Organic peroxides	Void
Corrosive to metals	Void
Desensitised explosives	Void

(Contd. on page 10)

Safety Data Sheet
according to 1907/2006/EC, Article 31

Printing date 03.08.2023 Version number 4 (replaces version 3) Revision: 03.08.2023

Trade name weber 2-K Epoxyprimer, comp.B

(Contd. of page 9)

*
SECTION 10: Stability and reactivity

10.1 Reactivity The primer hardens when the A and B components are mixed together.
10.2 Chemical stability Stable at recommended storage conditions
10.3 Possibility of hazardous reactions Reacts exothermically with oxidizing agents.
10.4 Conditions to avoid Direct heat sources.
10.5 Incompatible materials: Strong alkalis.
10.6 Hazardous decomposition products:
Danger of forming toxic pyrolysis products.
Irritant gases/vapours

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008
Acute toxicity
Harmful if swallowed or if inhaled.
LD/LC50 values relevant for classification:

Components / Type / Value / Species		
CAS: 61788-44-1 phenol, styrenated		
Oral	LD50	>2,000 mg/kg (Rat)
Dermal	LD50	>2,000 mg/kg (Rat)
CAS: 108-32-7 propylene carbonate		
Oral	LD50	>5,000 mg/kg (Rat)
Dermal	LD50	>2,000 mg/kg (Rabbit)
CAS: 2855-13-2 3-aminomethyl-3,5,5-trimethylcyclohexylamine		
Oral	LD50	1,030 mg/kg (ATE)
		1,030 mg/kg (Rat)
Dermal	LD50	>2,000 mg/kg (Rat)
CAS: 9046-10-0 Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-(2-aminomethylethyl)-.omega.-(2-aminomethylethoxy)-		
Oral	LD50	>2,885 mg/kg (Rat)
Dermal	LD50	>2,980 mg/kg (Rabbit)
CAS: 90-72-2 2,4,6-tris(dimethylaminomethyl)phenol		
Oral	LD50	2,169 mg/kg (Rat)
CAS: 140-31-8 2-piperazin-1-ylethylamine		
Oral	LD50	2,140 mg/kg (Rat)
Dermal	LD50	866 mg/kg (Rabbit)
CAS: 1477-55-0 m-phenylenebis(methylamine)		
Oral	LD50	930 mg/kg (Rat)
Dermal	LD50	>3,100 mg/kg (Rabbit)
CAS: 919-30-2 3-aminopropyltriethoxysilane		
Oral	LD50	1,490 mg/kg (Rat)
Dermal	LD50	4,075 mg/kg (Rabbit)

(Contd. on page 11)

Safety Data Sheet
according to 1907/2006/EC, Article 31

Printing date 03.08.2023 Version number 4 (replaces version 3) Revision: 03.08.2023

Trade name weber 2-K Epoxyprimer, comp.B

(Contd. of page 10)

CAS: 68609-08-5 Reaction products of 3-aminomethyl-3,5,5-trimethylcyclohexylamine with 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane		
Oral	LD50	>2,000 mg/kg (Rat)
Dermal	LD50	>2,000 mg/kg (Rat)
CAS: 1760-24-3 N-(3-(trimethoxysilyl)propyl)ethylenediamine		
Oral	LD50	2,295 mg/kg (Rat)
Dermal	LD50	>2,000 mg/kg (Rabbit)

Skin corrosion/irritation
Causes severe skin burns and eye damage.
Serious eye damage/irritation
Causes serious eye damage.
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
Suspected of damaging fertility or the unborn child. Route of exposure: Oral.
STOT-single exposure Based on available data, the classification criteria are not met.
STOT-repeated exposure
May cause damage to the respiratory tract through prolonged or repeated exposure. Route of exposure: Inhalation.
Aspiration hazard Based on available data, the classification criteria are not met.
11.2 Information on other hazards

Endocrine disrupting properties		
CAS: 61788-44-1	phenol, styrenated	List II

EU Endocrine Disruptor Lists: List I of identified ED in EU, List II of substances under evaluation in EU, List III of ED in some EU countries

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: 61788-44-1 phenol, styrenated	
LC50/96h	24 mg/l (Fish)
EC50/72h	20.421 mg/l (Algae)
CAS: 108-32-7 propylene carbonate	
LC50/96h	1,000 mg/l (Fish)
EC50/16h	>10,000 mg/l (Pseudomonas putida (Bacteria))
EC50/24h	1,000 mg/l (Daphnia magna)
EC50/48h	1,000 mg/l (Daphnia magna)
EC50/72h	900 mg/l (Algae)
NOEC (72h)	900 mg/l (Algae)
CAS: 2855-13-2 3-aminomethyl-3,5,5-trimethylcyclohexylamine	
LC50/48h	388 mg/l (Daphnia magna)

(Contd. on page 12)

Safety Data Sheet
according to 1907/2006/EC, Article 31

Printing date 03.08.2023 Version number 4 (replaces version 3) Revision: 03.08.2023

Trade name weber 2-K Epoxyprimer, comp.B

(Contd. of page 11)

LC50/96h	110 mg/l (Brachydanio rerio (zebra danio))
EC50/24h	27 mg/l (Daphnia magna)
EC50/48h	23 mg/l (Daphnia magna)
EC50/72h	50 mg/l (Scenedesmus subspicatus (Algae))
NOEC (21d)	3 mg/l (Daphnia magna)
EC 10/18h	11.2 mg/l (Algae)
CAS: 9046-10-0 Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-(2-aminomethylethyl)-.omega.-(2-aminomethylethoxy)-	
LC50/96h	772.14 mg/l (Fish) (OECD 203, static)
EC50/48h	80-418.34 mg/l (Daphnia magna)
EC50/96h	15 mg/l (Fish)
EC50/72h	2.1-15 mg/l (Algae)
CAS: 90-72-2 2,4,6-tris(dimethylaminomethyl)phenol	
LC50/96h	100 mg/l (Fish)
EC50/48h	100 mg/l (Daphnia magna)
EC50/72h	46.7 mg/l (Algae)
CAS: 140-31-8 2-piperazin-1-ylethylamine	
LC50/96h	2,190 mg/l (Fish)
LC0/96h	1,030 mg/l (Fish)
EC50/48h	58 mg/l (Daphnia magna)
EC50/72h	1,000 mg/l (Algae)
CAS: 1477-55-0 m-phenylenebis(methylamine)	
LC50/96h	87.6 mg/l (Oryzias latipes (Japanese medaka))
EC50/48h	15.2 mg/l (Daphnia magna)
EC50/72h	20.3 mg/l (Scenedesmus subspicatus (Algae))
CAS: 919-30-2 3-aminopropyltriethoxysilane	
LC50/48h	580 mg/l (Daphnia magna)
LC50/96h	934 mg/l (Fish)
EC50/48h	331 mg/l (Daphnia magna)
EC50/72h	603-1,000 mg/l (Algae)
NOEC (72h)	1.3-40 mg/l (Algae)
NOEC (96h)	934 mg/l (Fish)
CAS: 68609-08-5 Reaction products of 3-aminomethyl-3,5,5-trimethylcyclohexylamine with 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane	
LC50/96h	1.62 mg/l (Fish)
EC50/48h	1.59 mg/l (Daphnia magna)
EC50/72h	3.13 mg/l (Algae)
CAS: 1760-24-3 N-(3-(trimethoxysilyl)propyl)ethylenediamine	
LC50/96h	597 mg/l (Brachydanio rerio (zebra danio))
EC50/16h	60 mg/l (Activated sludge)
EC50/48h	81 mg/l (Daphnia magna)
EC50/96h	11 mg/l (Algae)

(Contd. on page 13)

Safety Data Sheet
according to 1907/2006/EC, Article 31

Printing date 03.08.2023 Version number 4 (replaces version 3) Revision: 03.08.2023

Trade name weber 2-K Epoxyprimer, comp.B

(Contd. of page 12)

EC50/72h	5.5-8.8 mg/l (Algae)
NOEC (72h)	1.6-3.1 mg/l (Algae)
NOEC (96h)	6.3 mg/l (Algae)
	344 mg/l (Fish)
EC 10/16h	67 mg/l (Activated sludge)

12.2 Persistence and degradability No further relevant information available.

Method	
CAS: 9046-10-0 Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-(2-aminomethylethyl)-.omega.-(2-aminomethylethoxy)-	
Biod. (28 days)	0 % (Biodegradation)

Behaviour in environmental systems:

Components:	
CAS: 9046-10-0 Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-(2-aminomethylethyl)-.omega.-(2-aminomethylethoxy)-	
DT50-value (Degradation Half Time)	365 day

12.3 Bioaccumulative potential	
CAS: 2855-13-2 3-aminomethyl-3,5,5-trimethylcyclohexylamine	
EBAB	0.99 log Pow
CAS: 9046-10-0 Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-(2-aminomethylethyl)-.omega.-(2-aminomethylethoxy)-	
EBAB	1.34 log Pow (Bioaccumulation)

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.
12.6 Endocrine disrupting properties
For information on endocrine disrupting properties see section 11.
12.7 Other adverse effects
Remark: The product contains substances which are toxic to fishes and bacteria.

Behaviour in sewage processing plants:

Type of test / Effective concentration / Method / Assessment	
CAS: 9046-10-0 Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-(2-aminomethylethyl)-.omega.-(2-aminomethylethoxy)-	
EC 50 (3h)	750 mg/l (Activated sludge)

Additional ecological information:

General notes: Do not allow product to reach ground water, water course or sewage system.

SECTION 13: Disposal considerations

13.1 Waste treatment methods
Recommendation Hand over to hazardous waste disposers.

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

(Contd. on page 14)

Safety Data Sheet
according to 1907/2006/EC, Article 31

Printing date 03.08.2023 Version number 4 (replaces version 3) Revision: 03.08.2023

Trade name weber 2-K Epoxyprimer, comp.B

(Contd. of page 13)

HP5	Specific Target Organ Toxicity (STOT)/Aspiration Toxicity
HP6	Acute Toxicity
HP8	Corrosive
HP10	Toxic for reproduction
HP13	Sensitising
HP14	Ecotoxic

Uncleaned packaging:
Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information

14.1 UN number or ID number
ADR, IMDG, IATA UN2735

14.2 UN proper shipping name
ADR 2735 AMINES, LIQUID, CORROSIVE, N.O.S. (POLYOXYPROPYLENEDIAMINE, m-phenylenebis(methylamine)), ENVIRONMENTALLY HAZARDOUS
IMDG AMINES, LIQUID, CORROSIVE, N.O.S. (POLYOXYPROPYLENEDIAMINE, m-phenylenebis(methylamine)), MARINE POLLUTANT
IATA AMINES, LIQUID, CORROSIVE, N.O.S. (POLYOXYPROPYLENEDIAMINE, m-phenylenebis(methylamine))

14.3 Transport hazard class(es)

ADR

Class 8 (C7) Corrosive substances.
Label 8

IMDG

Class 8 Corrosive substances.
Label 8

(Contd. on page 15)

Safety Data Sheet
according to 1907/2006/EC, Article 31

Printing date 03.08.2023 Version number 4 (replaces version 3) Revision: 03.08.2023

Trade name weber 2-K Epoxyprimer, comp.B

(Contd. of page 14)

IATA

Class	8 Corrosive substances.
Label	8
14.4 Packing group	
ADR, IMDG, IATA	II
14.5 Environmental hazards:	Product contains environmentally hazardous substances: phenol, styrenated
Marine pollutant:	Symbol (fish and tree)
Special marking (ADR):	Symbol (fish and tree)
14.6 Special precautions for user	Warning: Corrosive substances.
Hazard identification number (Kemler code):	80
EMS Number:	F-A,S-B
Segregation groups	(SGG18) Alkalis
Stowage Category	A
Segregation Code	SG35 Stow "separated from" SGG1-acids
14.7 Maritime transport in bulk according to IMO instruments	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
UN "Model Regulation":	UN 2735 AMINES, LIQUID, CORROSIVE, N.O.S. (POLYOXYPROPYLENEDIAMINE, M-PHENYLENEBIS(METHYLAMINE)), 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 1907/2006 (REACH) (Candidate List, Annexes XIV and XVII)
Regulation (EC) No 1272/2008 (CLP)

(Contd. on page 16)

Safety Data Sheet
according to 1907/2006/EC, Article 31

Printing date 03.08.2023 Version number 4 (replaces version 3) Revision: 03.08.2023

Trade name weber 2-K Epoxyprimer, comp.B

(Contd. of page 15)

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.
The information contained in this Safety Data Sheet is based on the present state of our knowledge. Regulatory requirements are subject to change and may differ between various locations. The information herein is provided in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied, is given. This company shall not be held liable for any damage resulting from handling or from contact with the above product. Users are advised of possible additional hazards when the product is used in applications for which it was not intended. This Safety Data Sheet shall only be used and reproduced for prevention and security purposes. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.
This Safety Data Sheets 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.
H302 Harmful if swallowed.

(Contd. on page 17)

Safety Data Sheet
according to 1907/2006/EC, Article 31

Printing date 03.08.2023 Version number 4 (replaces version 3) Revision: 03.08.2023

Trade name weber 2-K Epoxyprimer, comp.B

(Contd. of page 16)

H311 Toxic in contact with skin.
H312 Harmful in contact with skin.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H361 Suspected of damaging fertility or the unborn child.
H372 Causes damage to organs through prolonged or repeated exposure.
H373 May cause damage to organs through prolonged or repeated exposure.
H411 Toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.
EUH071 Corrosive to the respiratory tract.

Classification according to Regulation (EC) No 1272/2008	
Acute toxicity - oral Acute toxicity - inhalation	Expert judgement
Skin corrosion/irritation Serious eye damage/irritation Skin sensitisation Reproductive toxicity Specific target organ toxicity (repeated exposure) 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.

Department issuing SDS:
Saint-Gobain Finland Oy / Weber
QEHS
P.O.Box 70 (Strömberginkuja 2)
FI-00381 Helsinki
Contact:
Tel. +358-(0)10-44 22 00
Fax +358-(0)10-44 22 520
Version number of previous version: 3
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
Acute Tox. 4: Acute toxicity – Category 4
Acute Tox. 3: Acute toxicity – Category 3
Skin Corr. 1B: Skin corrosion/irritation – Category 1B
Skin Corr. 1C: Skin corrosion/irritation – Category 1C

(Contd. on page 18)

Safety Data Sheet
according to 1907/2006/EC, Article 31

Printing date 03.08.2023 Version number 4 (replaces version 3) Revision: 03.08.2023

Trade name weber 2-K Epoxyprimer, comp.B

(Contd. of page 17)

Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
Skin Sens. 1: Skin sensitisation – Category 1
Skin Sens. 1A: Skin sensitisation – Category 1A
Skin Sens. 1B: Skin sensitisation – Category 1B
Repr. 2: Reproductive toxicity – Category 2
STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1
STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2
Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

*** 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.