

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

Printing date 16.12.2022

Version number 4

Revision: 15.12.2022

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

1.1 Product identifier

Trade name **webertec EP pourable grout hardener**

Safety data sheet no.: 44P46100

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:

Saint-Gobain Weber

Dickens House

Enterprise Way

Flitwick

Bedfordshire MK45 5BY

Tel.: 01525 718877

webersds@saint-gobain.com

1.4 Emergency telephone number:

UK: NHS 111 (Members of the public)

UK NPIS 24-hour telephone helpline: +44 (0)344 892 0111 (Healthcare professionals only)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008



skull and crossbones

Acute Tox. 3 H331 Toxic if inhaled.



corrosion

Skin Corr. 1A 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.

STOT SE 3 H335 May cause respiratory irritation.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

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

(Contd. on page 2)

GB

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 16.12.2022

Version number 4

Revision: 15.12.2022

Trade name webertec EP pourable grout hardener

(Contd. of page 1)

Hazard pictograms



GHS05 GHS06

Signal word Danger

Hazard-determining components of labelling:

2-methylpentane-1,5-diamine

cyclohex-1,2-ylenediamine

Benzyl alcohol

Hazard statements

H331 Toxic if inhaled.

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

H335 May cause respiratory irritation.

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].

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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.

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 non hazardous additions.

Dangerous components:

CAS: 15520-10-2 EINECS: 239-556-6 Reg.nr.: 01-2119976310-41-xxxx	2-methylpentane-1,5-diamine ⚠ Skin Corr. 1A, H314; Eye Dam. 1, H318; ⚠ Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332; STOT SE 3, H335	25-50%
CAS: 694-83-7 EINECS: 211-776-7	cyclohex-1,2-ylenediamine ⚠ Acute Tox. 3, H331; ⚠ Skin Corr. 1B, H314; ⚠ Skin Sens. 1, H317	25-50%
CAS: 100-51-6 EINECS: 202-859-9 Index number: 603-057-00-5 Reg.nr.: 01-2119492630-38-xxxx	Benzyl alcohol ⚠ Acute Tox. 4, H302; Acute Tox. 4, H332	10-20%

(Contd. on page 3)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 16.12.2022

Version number 4

Revision: 15.12.2022

Trade name webertec EP pourable grout hardener

Additional information For the wording of the listed hazard phrases refer to section 16. (Contd. of page 2)

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.

After inhalation

Move to fresh air. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Get medical attention immediately.

After skin contact

Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention immediately.

After eye contact

Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses if present and easy to do. Continue rinsing. Get medical attention immediately.

After swallowing

If swallowed do NOT induce vomiting. Have victim rinse mouth thoroughly with water. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Never give anything by mouth to a victim who is unconscious or is having convulsions. Do not use mouth to mouth if victim has ingested substance. Get medical attention immediately.

4.2 Most important symptoms and effects, both acute and delayed

Corrosive effects. The product burns the eyes, skin and mucous membranes. Permanent eye damage including blindness could result.

4.3 Indication of any immediate medical attention and special treatment needed

If evacuation of stomach contents is necessary, use method least likely to cause aspiration. This material, if aspirated into the lungs, may cause chemical pneumonitis; treat the affected person appropriately.

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.

5.2 Special hazards arising from the substance or mixture

Nitrogen oxides (NO_x)

Carbon monoxide (CO)

Fire may produce irritating, corrosive and/or toxic gases. Decomposition products may include the above.

5.3 Advice for firefighters

Protective equipment:

Wear full protective clothing, including helmet, self-contained breathing apparatus and face mask.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

(Contd. on page 4)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 16.12.2022

Version number 4

Revision: 15.12.2022

Trade name webertec EP pourable grout hardener

(Contd. of page 3)

Keep away from ignition sources
Keep people at a distance and stay on the windward side.
Ensure adequate ventilation.

6.2 Environmental precautions:

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.

6.3 Methods and material for containment and cleaning up:

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

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

Do not breathe gas/fumes/vapour/spray. Avoid contact with skin and eyes.

Information about fire - and explosion protection:

Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
Protect from heat.
Fumes can combine with air to form an explosive mixture.

7.2 Conditions for safe storage, including any incompatibilities

Storage

Requirements to be met by storerooms and receptacles:

Store only in unopened original receptacles.
Ensure sufficient ventilation for storage and work areas.
Information about storage in one common storage facility: Not required.
Further information about storage conditions: None.

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

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

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

Ingredients with limit values that require monitoring at the workplace:

DNELs

CAS: 100-51-6 Benzyl alcohol

Oral	Derived No Effect Level	4 mg/kgxday (consumer systemic long term value)
Dermal	Derived No Effect Level	8 mg/kgxday (worker systemic long term value)
		4 mg/kgxday (consumer systemic long term value)
Inhalative	Derived No Effect Level	22 mg/m ³ (worker systemic long term value)
		5.4 mg/m ³ (consumer systemic long term value)

8.2 Exposure controls

Personal protective equipment:

General protective and hygienic measures:

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

(Contd. on page 5)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 16.12.2022

Version number 4

Revision: 15.12.2022

Trade name webertec EP pourable grout hardener

(Contd. of page 4)

Immediately remove all soiled and contaminated clothing.

Do not inhale gases / fumes / aerosols.

Avoid contact with the eyes and skin.

Wash hands before breaks and at the end of work.

Ensure adequate ventilation in the workplace.

Respiratory protection: Self-contained respiratory protective device.

Protection of hands: Protective gloves.

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 mixture 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.

Eye protection: Tightly sealed goggles

Body protection: Impervious protective clothing

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Appearance:

Form:	Fluid
Colour:	According to product specification
Odour:	Characteristic
Odour threshold:	Not determined.

pH-value:	Not applicable.
------------------	-----------------

Change in condition

Melting point/freezing point:	Undetermined.
Initial boiling point and boiling range:	Undetermined.

Flash point:	Not applicable
---------------------	----------------

Flammability (solid, gas):	Not applicable.
-----------------------------------	-----------------

Ignition temperature:	435 °C (DIN 51794)
------------------------------	--------------------

Decomposition temperature:	Not determined.
-----------------------------------	-----------------

Auto-ignition temperature:	Product is not self-igniting.
-----------------------------------	-------------------------------

Explosive properties:	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
------------------------------	---

Explosion limits:

Lower:	1.3 Vol % (DIN 51649)
Upper:	13.0 Vol % (DIN 51649)

Oxidising properties	Not determined.
-----------------------------	-----------------

Vapour pressure at 20 °C:	0.1 hPa (DIN 51640)
----------------------------------	---------------------

Density:	Not determined
-----------------	----------------

Bulk density:	Not applicable.
Relative density	Not determined.
Vapour density	Not determined.

(Contd. on page 6)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 16.12.2022

Version number 4

Revision: 15.12.2022

Trade name webertec EP pourable grout hardener

(Contd. of page 5)

Evaporation rate	Not determined.
Solubility in / Miscibility with Water:	Not miscible or difficult to mix
Segregation coefficient (n-octanol/water) log Pow:	Not determined.
Viscosity: dynamic: kinematic:	Not determined. Not determined.
Solvent separation test: Solvent content: Organic solvents: EU-VOC (%) EU-VOC (g/L)	Not determined 13.3 % 13.32 % 133.2 g/l
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:

No decomposition if used and stored according to specifications.

10.3 Possibility of hazardous reactions

Reacts with strong alkali

Reacts with strong acids

10.4 Conditions to avoid Keep away from sources of ignition. Protect from frost.

10.5 Incompatible materials: No further relevant information available.

10.6 Hazardous decomposition products:

Nitrogen oxides (NOx)

Carbon monoxide and carbon dioxide

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Toxic if inhaled.

LD/LC50 values relevant for classification:

Components	/	Type	/	Value	/	Species
CAS: 694-83-7 cyclohex-1,2-ylenediamine						
Oral	LD50	2,300 mg/kg	(Rat)			
Inhalative	LC50/4 h	>3.2 mg/l	(Rat)			
CAS: 100-51-6 Benzyl alcohol						
Oral	LD50	1,230 mg/kg	(Rat)			
Dermal	LD50	2,000 mg/kg	(Rabbit)			
Inhalative	LC50/4 h	11 mg/l	(ATE)			

(Contd. on page 7)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 16.12.2022

Version number 4

Revision: 15.12.2022

Trade name webertec EP pourable grout hardener

(Contd. of page 6)

		>4,178 mg/l (Rat)
--	--	-------------------

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

May cause an allergic skin reaction.

Additional toxicological information:
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

May cause respiratory irritation.

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: No further relevant information available.

Type of test / Effective concentration / Method / Assessment	
CAS: 100-51-6 Benzyl alcohol	
LC50/48h	360 mg/l (Daphnia magna) 645 mg/l (Leuciscus idus (Orfe))
LC50/96h	10 mg/l (Lepomis macrochirus (Sunfish)) 460 mg/l (Pimephales promelas (Minnow))
EC50/24h	400 mg/l (Daphnia magna)
EC50/96h	400 mg/l (Daphnia magna) 640 mg/l (Scenedesmus subspicatus (Algae))
EC50/72h	770 mg/l (Algae)
EC 10	400 mg/l (Pseudomonas putida (Bacteria))

12.2 Persistence and degradability No further relevant information available.

12.3 Bioaccumulative potential

CAS: 100-51-6 Benzyl alcohol	
EBAB	1.1 log Pow (Bioaccumulation)

12.4 Mobility in soil No further relevant information available.

Ecotoxicological effects:
Behaviour in sewage processing plants:

Type of test / Effective concentration / Method / Assessment	
CAS: 100-51-6 Benzyl alcohol	
EC 50 (3h)	79 mg/l (Scenedesmus quadricauda (Algae))

(Contd. on page 8)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 16.12.2022

Version number 4

Revision: 15.12.2022

Trade name webertec EP pourable grout hardener

(Contd. of page 7)

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

Uncleaned packaging:

Recommendation:

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

IMDG, IATA

2735 AMINES, LIQUID, CORROSIVE, N.O.S.
AMINES, LIQUID, CORROSIVE, N.O.S.

14.3 Transport hazard class(es)

ADR



Class

8 (C7) 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

Warning: Corrosive substances.

EMS Number:

F-A,S-B

Segregation groups

Alkalies

Stowage Category

A

(Contd. on page 9)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 16.12.2022

Version number 4

Revision: 15.12.2022

Trade name webertec EP pourable grout hardener

(Contd. of page 8)

Segregation Code	SG35 Stow "separated from" SGG1-acids
14.7 Transport in bulk according to Annex II of Marpol 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
UN "Model Regulation":	UN 2735 AMINES, LIQUID, CORROSIVE, N.O.S., 8, II

SECTION 15: Regulatory information

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

"Control of Substances Hazardous to Health" UK Regulations 2002 (as amended)

Directive 2012/18/EU

Named dangerous substances - ANNEX I None of the ingredients is listed.

Seveso category H2 ACUTE TOXIC

Qualifying quantity (tonnes) for the application of lower-tier requirements 50 t

Qualifying quantity (tonnes) for the application of upper-tier requirements 200 t

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.

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H331 Toxic if inhaled.

H332 Harmful if inhaled.

H335 May cause respiratory irritation.

Department issuing SDS: EHS

Contact:

webersds

01525718877

webersds@saint-gobain.com

(Contd. on page 10)

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

Printing date 16.12.2022

Version number 4

Revision: 15.12.2022

Trade name webertec EP pourable grout hardener

(Contd. of page 9)

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 (UK REACH)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
Acute Tox. 4: Acute toxicity – Category 4
Acute Tox. 3: Acute toxicity – Category 3
Skin Corr. 1A: Skin corrosion/irritation – Category 1A
Skin Corr. 1B: Skin corrosion/irritation – Category 1B
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Skin Sens. 1: Skin sensitisation – Category 1
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

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

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

GB