

## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 13.04.2016

Revision: 13.04.2016

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

#### 1.1 Product identifier

Trade name weber.tec bedding mortar resin

Safety data sheet no.: 44P2869R

#### 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

e-mail: sara.kelly@netweber.co.uk

#### 1.4 Emergency telephone number:

+44(0) 8703 330070

+44(0)870 333 0070

Office Hours Only (08.30-17.00 UK time)

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008



GHS02 flame

Flam. Liq. 3      H226    Flammable liquid and vapour.



GHS08 health hazard

Repr. 2              H361d    Suspected of damaging the unborn child.

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



GHS07

Skin Irrit. 2          H315    Causes skin irritation.

Eye Irrit. 2          H319    Causes serious eye irritation.

STOT SE 3          H335    May cause respiratory irritation.

Aquatic Chronic 3    H412    Harmful 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.

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**Hazard pictograms**

GHS02 GHS07 GHS08

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

styrene

**Hazard statements**

H226 Flammable liquid and vapour.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H361d Suspected of damaging the unborn child.

H335 May cause respiratory irritation.

H372 Causes damage to the hearing organs through prolonged or repeated exposure.

H412 Harmful to aquatic life with long lasting effects.

**Precautionary statements**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.  
No smoking.

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

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.

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

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

**Additional information:**

Contains phthalic anhydride. 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:** Mixture of substances listed below with non hazardous additions.**Dangerous components:**

CAS: 100-42-5 EINECS: 202-851-5 Index number: 601-026-00-0	styrene ⚠ Flam. Liq. 3, H226; ⚠ Repr. 2, H361d; STOT RE 1, H372; ⚠ Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319	25 - 50%
CAS: 85-44-9 EINECS: 201-607-5 Index number: 607-009-00-4	phthalic anhydride ⚠ Resp. Sens. 1, H334; ⚠ Eye Dam. 1, H318; ⚠ Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317; STOT SE 3, H335	0.1 - 1%

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**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. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

##### 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 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

No further relevant information available.

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

##### Suitable extinguishing agents

CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

**For safety reasons unsuitable extinguishing agents** Water with full jet

#### 5.2 Special hazards arising from the substance or mixture

Can form explosive gas-air mixtures.

During heating or in case of fire poisonous gases are produced.

#### 5.3 Advice for firefighters

**Protective equipment:** Wear self-contained respiratory protective device.

**Additional information** Cool endangered receptacles with water spray.

### SECTION 6: Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation.

Mount respiratory protective device.

Wear protective equipment. Keep unprotected persons away.

Keep away from ignition sources

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**6.2 Environmental precautions:**

The product must not get into watercourses or into the soil.

Prevent seepage into sewage system, workpits and cellars.

**6.3 Methods and material for containment and cleaning up:**

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

Dispose of contaminated material as waste according to item 13.

Ensure adequate ventilation.

**6.4 Reference to other sections**

See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

### SECTION 7: Handling and storage

**7.1 Precautions for safe handling**

Keep receptacles tightly sealed.

Ensure good ventilation/exhaustion at the workplace.

Open and handle receptacle with care.

Prevent formation of aerosols.

**Information about fire - and explosion protection:**

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Keep respiratory protective device available.

**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:** None.

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

### SECTION 8: Exposure controls/personal protection

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

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

CAS No.	Designation of material	%	Type	Value	Unit
100-42-5	styrene				
WEL	Short-term value: 1080 mg/m <sup>3</sup> , 250 ppm				
	Long-term value: 430 mg/m <sup>3</sup> , 100 ppm				

**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.

Store protective clothing separately.

Avoid contact with the eyes and skin.

Do not eat, drink, smoke or sniff while working.

Use a moisturising skin cream after processing the product.

**Respiratory protection:**

Provide a good standard of general ventilation (not less than 3 to 5 changes of air per hour): If exposure limits are likely to be exceeded/in case of insufficient ventilation wear suitable respiratory equipment: Breathing apparatus with filter type A (organic gases and vapours filter conforming to EN14387, APF 40<1 hour, APF 200> 1 hour).

**Protection of hands:** Protective gloves.

**Material of gloves**

PVA gloves

Neoprene gloves

Nitrile rubber, NBR

**Eye protection:** Safety glasses with side shields. Do not wear contact lenses.

**Body protection:**

Protective work clothing.

Wear fire/flame resistant/retardant clothing

### SECTION 9: Physical and chemical properties

**9.1 Information on basic physical and chemical properties****General Information****Appearance:**

<b>Form:</b>	Liquid
<b>Colour:</b>	Amber coloured
<b>Odour:</b>	Characteristic
<b>Odour threshold:</b>	Not determined.

**pH-value:** Not applicable.

**Change in condition**

**Melting point/Melting range:** Undetermined.

**Boiling point/Boiling range:** 145 °C (DIN)

**Flash point:** 31 °C (DIN ISO 2592)

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

**Ignition temperature:** 480 °C (DIN 51794)

**Decomposition temperature:** Not determined.

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<b>Self-igniting:</b>	Product is not selfigniting.
<b>Danger of explosion:</b>	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
<b>Explosion limits:</b>	
<b>Lower:</b>	1.2 Vol % (DIN 51649)
<b>Upper:</b>	8.9 Vol % (DIN 51649)
<b>Oxidising properties</b>	Not determined.
<b>Vapour pressure at 20 °C:</b>	6 hPa (DIN 51640)
<b>Density:</b>	Not determined
<b>Bulk density:</b>	Not applicable.
<b>Relative density</b>	Not determined.
<b>Vapour density</b>	Not determined.
<b>Evaporation rate</b>	Not determined.
<b>Solubility in / Miscibility with Water:</b>	Not miscible or difficult to mix
<b>Segregation coefficient (n-octanol/water) log Pow:</b>	Not determined.
<b>Viscosity:</b>	
<b>dynamic:</b>	Not determined.
<b>kinematic:</b>	Not determined.
<b>Solvent separation test:</b>	Not determined
<b>Solvent content:</b>	
<b>Organic solvents:</b>	40.1 %
<b>EU-VOC</b>	40.10 %
<b>9.2 Other information</b>	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 according to specifications.

**10.3 Possibility of hazardous reactions**

Reacts with strong oxidizing agents

Reacts with reducing agents

Reacts with peroxides

**10.4 Conditions to avoid** No further relevant information available.

**10.5 Incompatible materials:** No further relevant information available.

**10.6 Hazardous decomposition products:**

Carbon monoxide

Carbon dioxide

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### 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
<b>100-42-5 styrene</b>			
Oral	LD50	5000 mg/kg	(rat)
Inhalative	LC50/4 h	24 mg/l	(rat)

#### Primary irritant effect:

##### Skin corrosion/irritation

Causes skin irritation.

##### Serious eye damage/irritation

Causes serious eye irritation.

**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

Suspected of damaging the unborn child.

#### STOT-single exposure

May cause respiratory irritation.

#### STOT-repeated exposure

Causes damage to the hearing organs through prolonged or repeated exposure.

**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.

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

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

#### Behaviour in environmental systems:

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

#### Additional ecological information:

#### General notes:

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.

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### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods



##### European waste catalogue

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

##### Uncleaned packaging:

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

### SECTION 14: Transport information

<b>14.1 UN-Number</b> ADR, IMDG, IATA	UN1866
<b>14.2 UN proper shipping name</b> ADR IMDG, IATA	1866 RESIN SOLUTION, special provision 640E RESIN SOLUTION
<b>14.3 Transport hazard class(es)</b> ADR	
	
<b>Class</b>	3 (F1) Flammable liquids.
<b>IMDG, IATA</b>	
	
<b>Class</b>	3 Flammable liquids.
<b>14.4 Packing group</b> ADR, IMDG, IATA	III
<b>14.5 Environmental hazards:</b>	Not applicable.
<b>14.6 Special precautions for user</b> <b>Danger code (Kemler):</b> <b>EMS Number:</b>	Warning: Flammable liquids. 30 F-E,S-E
<b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</b>	Not applicable.
<b>Transport/Additional information:</b>	
<b>ADR</b> <b>Limited quantities (LQ)</b> <b>Excepted quantities (EQ)</b>	5L Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
<b>Transport category</b>	3

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<b>Tunnel restriction code</b>	D/E
<b>UN "Model Regulation":</b>	UN 1866 RESIN SOLUTION, SPECIAL PROVISION 640E, 3, 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** P5c FLAMMABLE LIQUIDS

**Qualifying quantity (tonnes) for the application of lower-tier requirements** 5,000 t

**Qualifying quantity (tonnes) for the application of upper-tier requirements** 50,000 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

- H226 Flammable liquid and vapour.
- H302 Harmful if swallowed.
- 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.
- H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
- H335 May cause respiratory irritation.
- H361d Suspected of damaging the unborn child.
- H372 Causes damage to the hearing organs through prolonged or repeated exposure.

**Department issuing SDS:** Product safety department

**Contact:** Dr S. Kelly; tel. + 44 (0) 1525 718877

#### 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

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Flam. Liq. 3: Flammable liquids, Hazard Category 3

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Acute Tox. 4: Acute toxicity, Hazard Category 4  
Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2  
Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1  
Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2  
Resp. Sens. 1: Sensitisation - Respirat., Hazard Category 1  
Skin Sens. 1: Sensitisation - Skin, Hazard Category 1  
Repr. 2: Reproductive toxicity, Hazard Category 2  
STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3  
STOT RE 1: Specific target organ toxicity - Repeated exposure, Hazard Category 1  
Aquatic Chronic 3: Hazardous to the aquatic environment - Chronic Hazard, Category 3

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