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

1.1 Product identifier
Trade name weber.tec EP pourable grout Resin
Safety data sheet no.: 44P46099

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
Bedford.
MK45 5BY
Tel: +44(0)1525 718877
Web: www.netweber.co.uk
email:sara.kelly@netweber.co.uk

1.4 Emergency telephone number: +44(0) 8703 330070 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

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.

Hazard pictograms

GHS07  GHS09

Signal word Warning

Hazard-determining components of labelling:
Reaction product: bisphenol-A-(epichlorhydrin),epoxy resin (number average molecular weight ≤ 700)

(Contd. on page 2)
Trade name weber.tec EP pourable grout Resin

Bisphenol-F-Epichlorhydrine-Resin MG ≤ 700
1,6-Hexandioldiglycidylether

Hazard statements
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction.
H411 Toxic to aquatic life with long lasting effects.

Precautionary statements
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P273 Avoid release to the environment.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P363 Wash contaminated clothing before reuse.
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: Mixture of substances listed below with non hazardous additions.

<table>
<thead>
<tr>
<th>Dangerous components</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reaction product: bisphenol-A-(epichlorhydrin),epoxy resin (number average molecular weight ≤ 700)</td>
<td>25 - 50%</td>
</tr>
<tr>
<td>Reaction product: bisphenol-F-Epichlorhydrine-Resin MG ≤ 700</td>
<td>25 - 50%</td>
</tr>
<tr>
<td>Benzyl alcohol</td>
<td>5 - 10%</td>
</tr>
<tr>
<td>1,6-Hexandioldiglycidylether</td>
<td>5 - 10%</td>
</tr>
</tbody>
</table>

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
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.
In case of unconsciousness place patient stably in side position for transportation.

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
Do not induce vomiting; call for medical help immediately. Rinse out mouth and then drink plenty of water.

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
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
Carbon monoxide (CO)

5.3 Advice for firefighters

Protective equipment: Wear fully protective suit.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

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.
Do not allow to penetrate the ground/soil.

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.
SECTION 7: Handling and storage

7.1 Precautions for safe handling
No special precautions are necessary if used correctly.

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.
Prevent any seepage into the ground.

Information about storage in one common storage facility: Not required.

Further information about storage conditions:
Store receptacle in a well ventilated area.
Keep container tightly sealed.

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:

<table>
<thead>
<tr>
<th>DNELs</th>
<th>25068-38-6 Reaction product: bisphenol-A-(epichlorhydrin), epoxy resin (number average molecular weight ≤ 700)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oral</td>
<td>Derived No Effect Level</td>
</tr>
<tr>
<td></td>
<td>0.75 mg/kg/day (consumer systemic long term value)</td>
</tr>
<tr>
<td></td>
<td>0.75 mg/kg/day (consumer systemic short term value)</td>
</tr>
<tr>
<td>Dermal</td>
<td>Derived No Effect Level</td>
</tr>
<tr>
<td></td>
<td>8.33 mg/kg/day (worker systemic long term value)</td>
</tr>
<tr>
<td></td>
<td>8.33 mg/kg/day (worker systemic short term value)</td>
</tr>
<tr>
<td></td>
<td>3.571 mg/kg/day (consumer systemic long term value)</td>
</tr>
<tr>
<td></td>
<td>3.571 mg/kg/day (consumer systemic short term value)</td>
</tr>
<tr>
<td>Inhalative</td>
<td>Derived No Effect Level</td>
</tr>
<tr>
<td></td>
<td>12.3 mg/m³ (worker systemic long term value)</td>
</tr>
<tr>
<td></td>
<td>12.3 mg/m³ (worker systemic short term value)</td>
</tr>
</tbody>
</table>

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.
Wash hands before breaks and at the end of work.
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing.
Respiratory protection:
Use suitable respiratory protective device only when aerosol or mist is formed.
Filter A2/P3.

Protection of hands: Protective gloves.

Material of gloves
Nitrile rubber, NBR
Butyl rubber, BR

Penetration time of glove material
The determined penetration times according to EN 374 part III are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.
Thickness: &ge; 0.4 mm

Eye protection: Tightly sealed goggles

Body protection: Protective work clothing.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information
Appearance:
Form: 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: 201 °C (DIN)

Flash point: 101 °C (DIN ISO 2592)

Flammability (solid, gas): Not applicable.

Ignition temperature: 184 °C (DIN 51794)

Decomposition temperature: Not determined.

Auto-ignition temperature: Product is not selfigniting.

Explosive properties: Product does not present an explosion hazard.

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 applicable.
Vapour density: Not determined.
44.3.6
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: Not determined.
kinematic: Not determined.

Solvent separation test:
Not determined

Solvent content:
Organic solvents: 6.5 %
EU-VOC: 6.52 %

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 according to specifications.

10.3 Possibility of hazardous reactions
May produce violent reactions with bases and numerous organic substances including alcohols and amines
Exothermic polymerisation.

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:

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Species</th>
</tr>
</thead>
<tbody>
<tr>
<td>25068-38-6 Reaction product: bisphenol-A-(epichlorhydrin),epoxy resin (number average molecular weight ≤ 700)</td>
<td>Oral LD50</td>
<td>11400 mg/kg (Rat)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Dermal LD50</td>
<td>23000 mg/kg (Rat)</td>
<td></td>
</tr>
<tr>
<td>9003-36-5 Bisphenol-F-Epichlorhydrine-Resin MG ≤ 700</td>
<td>Oral LD50</td>
<td>23800 mg/kg (Rat)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Dermal LD50</td>
<td>&gt; 2000 mg/kg (Rabbit)</td>
<td></td>
</tr>
<tr>
<td>100-51-6 Benzyl alcohol</td>
<td>Oral LD50</td>
<td>1230 mg/kg (Rat)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Dermal LD50</td>
<td>2000 mg/kg (Rabbit)</td>
<td></td>
</tr>
</tbody>
</table>

(Contd. on page 7)
Trade name weber.tec EP pourable grout Resin

<table>
<thead>
<tr>
<th>Inhalative</th>
<th>LC50/4 h</th>
<th>11 mg/l (ATE)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>&gt;4178 mg/l (Rat)</td>
</tr>
</tbody>
</table>

**16096-31-4 1,6-Hexandioldiglycidylether**

<table>
<thead>
<tr>
<th>Oral</th>
<th>LD50</th>
<th>2190 mg/kg (Rat)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dermal</td>
<td>LD50</td>
<td>&lt; 4900 mg/kg (Rabbit)</td>
</tr>
<tr>
<td>Inhalative</td>
<td>LC50/4 h</td>
<td>&gt; 100 mg/l (Mouse)</td>
</tr>
</tbody>
</table>

**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 (carcinogenity, mutagenicity and toxicity for reproduction)**

**Germ cell mutagenicity** Based on available data, the classification criteria are not met.

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

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

**STOT-single exposure** Based on available data, the classification criteria are not met.

**STOT-repeated exposure** Based on available data, the classification criteria are not met.

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

### SECTION 12: Ecological information

**12.1 Toxicity**

**Aquatic toxicity:** No further relevant information available.

<table>
<thead>
<tr>
<th>Type of test</th>
<th>Effective concentration</th>
<th>Method Assessment</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>25068-38-6 Reaction product: bisphenol-A-(epichlorhydrin),epoxy resin (number average molecular weight ≤ 700)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LC50/96h</td>
<td>2 mg/l (Leuciscus idus (Orfe))</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1.3 mg/l (Fish)</td>
<td></td>
</tr>
<tr>
<td>EC50/24h</td>
<td>4.6 mg/l (Daphnia magna)</td>
<td></td>
</tr>
<tr>
<td>EC50/48h</td>
<td>1.8 mg/l (Daphnia magna)</td>
<td></td>
</tr>
<tr>
<td>EC50/96h</td>
<td>220 mg/l (Selenastrum capricornutum (Green algae))</td>
<td></td>
</tr>
<tr>
<td><strong>9003-36-5 Bisphenol-F-Epichlorhydrine-Resin MG ≤ 700</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LC50/48h</td>
<td>2.55 mg/l (Daphnia magna)</td>
<td></td>
</tr>
<tr>
<td>LC50/96h</td>
<td>2.54 mg/l (Leuciscus idus (Orfe))</td>
<td></td>
</tr>
<tr>
<td>EC50/48h</td>
<td>2.55 mg/l (Daphnia magna)</td>
<td></td>
</tr>
<tr>
<td>EC50/96h</td>
<td>2.54 mg/l (Leuciscus idus (Orfe))</td>
<td></td>
</tr>
<tr>
<td><strong>100-51-6 Benzyl alcohol</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LC50/48h</td>
<td>360 mg/l (Daphnia magna)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>645 mg/l (Leuciscus idus (Orfe))</td>
<td></td>
</tr>
<tr>
<td>LC50/96h</td>
<td>10 mg/l (Lepomis macrochirus (Sunfish))</td>
<td></td>
</tr>
<tr>
<td></td>
<td>460 mg/l (Pimephales promelas (Minnow))</td>
<td></td>
</tr>
<tr>
<td>EC50/24h</td>
<td>400 mg/l (Daphnia magna)</td>
<td></td>
</tr>
</tbody>
</table>
Trade name weber.tec EP pourable grout Resin

<table>
<thead>
<tr>
<th>Trade name weber.tec EP pourable grout Resin</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>44.3.6</strong></td>
</tr>
<tr>
<td>EC50/96h 400 mg/l (Daphnia magna)</td>
</tr>
<tr>
<td>EC50/72h 640 mg/l (Scenedesmus subspicatus (Algae))</td>
</tr>
<tr>
<td>EC 10 770 mg/l (Algae)</td>
</tr>
<tr>
<td>EC 10 400 mg/l (Pseudomonas putida (Bacteria))</td>
</tr>
<tr>
<td>16096-31-4 1,6-Hexanediol diglycidylether</td>
</tr>
<tr>
<td>LC50/96h 30 mg/l (Leuciscus idus (Orfe))</td>
</tr>
<tr>
<td>EC50/48h 47 mg/l (Daphnia magna)</td>
</tr>
</tbody>
</table>

12.2 Persistence and degradability No further relevant information available.

12.3 Bioaccumulative potential

100-51-6 Benzyl alcohol

EBAB 1.1 log Pow (Bioaccumulation)

Behaviour in environmental systems:

12.4 Mobility in soil No further relevant information available.

Ecotoxic effects:

Behaviour in sewage processing plants:

Type of test Effective concentration Method Assessment

100-51-6 Benzyl alcohol

EC 50 (3h) 79 mg/l (Scenedesmus quadricauda (Algae))

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.

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

14.1 UN-Number
ADR, IMDG, IATA UN3082
### 14.2 UN proper shipping name

<table>
<thead>
<tr>
<th>ADR</th>
<th>3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.</th>
</tr>
</thead>
<tbody>
<tr>
<td>IMDG</td>
<td>ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Epoxyresin, Epoxy Resin), MARINE POLLUTANT</td>
</tr>
<tr>
<td>IATA</td>
<td>ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.</td>
</tr>
</tbody>
</table>

### 14.3 Transport hazard class(es)

<table>
<thead>
<tr>
<th>ADR, IATA</th>
<th>9 Miscellaneous dangerous substances and articles.</th>
</tr>
</thead>
<tbody>
<tr>
<td>IMDG</td>
<td>9 Miscellaneous dangerous substances and articles.</td>
</tr>
</tbody>
</table>

### 14.4 Packing group

<table>
<thead>
<tr>
<th>ADR, IMDG, IATA</th>
<th>III</th>
</tr>
</thead>
</table>

### 14.5 Environmental hazards:

- **Marine pollutant:** Yes
- **Symbol (fish and tree)**
- **Special marking (ADR):** Symbol (fish and tree)
- **Special marking (IATA):** Symbol (fish and tree)

### 14.6 Special precautions for user

- **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
  - **Code:** E1
  - **Maximum net quantity per inner packaging:** 30 ml
  - **Maximum net quantity per outer packaging:** 1000 ml

(Contd. on page 10)
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
REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3

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.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H411 Toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.

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)
DNEL: Derived No-Effect Level (REACH)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
SVHC: Substances of Very High Concern (REACH regulation)
Trade name weber.tec EP pourable grout Resin

vPvB: very Persistent and very Bioaccumulative
Acute Tox. 4: Acute toxicity – Category 4
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
Skin Sens. 1: Skin sensitisation – Category 1
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.