

## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 31.08.2016

Version number 1

Revision: 23.03.2015

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

#### 1.1 Product identifier

Trade name weber.tec force EP primer Hardener

Safety data sheet no.: 44P46064

#### 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](http://www.netweber.co.uk)

email: [sara.kelly@netweber.co.uk](mailto:sara.kelly@netweber.co.uk)

Saint-Gobain Weber Limited

Dickens House

Enterprise Way

Flitwick

Bedfordshire

MK45 5BY

**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



GHS05 corrosion

Skin Corr. 1B      H314 Causes severe skin burns and eye damage.

Eye Dam. 1      H318 Causes serious eye damage.



GHS07

Acute Tox. 4      H302 Harmful if swallowed.

Acute Tox. 4      H332 Harmful if inhaled.

Skin Sens. 1      H317 May cause an allergic skin reaction.

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**


GHS05 GHS07

**Signal word** Danger

**Hazard-determining components of labelling:**

3-aminomethyl-3,5,5-trimethylcyclohexylamine

3,3,5-trimethylhexamethylene-diamine

**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.

H412 Harmful 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/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.

### SECTION 3: Composition/information on ingredients

**3.2 Chemical characterisation: Mixtures**
**Description:** Mixture: consisting of the following components.

**Dangerous components:**

CAS: 2855-13-2 EINECS: 220-666-8 Index number: 612-067-00-9 Reg.nr.: 2119514687-32-XXXX	3-aminomethyl-3,5,5-trimethylcyclohexylamine ⚠ Skin Corr. 1B, H314; ⚠ Acute Tox. 4, H302; Acute Tox. 4, H312; Skin Sens. 1, H317; Aquatic Chronic 3, H412	25 - 50%
CAS: 25620-58-0 EINECS: 247-134-8	3,3,5-trimethylhexamethylene-diamine ⚠ Skin Corr. 1B, H314; ⚠ Acute Tox. 4, H302; Skin Sens. 1, H317; Aquatic Chronic 3, H412	25 - 50%

**SVHC** Void

**Additional information** For the wording of the listed hazard phrases refer to section 16.

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### 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.

Immediately remove any clothing soiled by the product.

**After inhalation** Supply fresh air; consult doctor in case of complaints.

##### After skin contact

Wash off immediately with plenty of water, continue washing. Seek immediate medical advice.

##### After eye contact

Rinse opened eye for several minutes under running water. Rinse liquid should be tempered (20-30 °C).

Seek immediate medical advice.

Remove contact lenses after the first 5 minutes and continue washing.

##### After swallowing

Rinse out mouth and then drink plenty of water.

Do not induce vomiting; call for medical help immediately.

Do not give anything by mouth unless the person is fully conscious.

#### 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.

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

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

#### 5.3 Advice for firefighters

##### Protective equipment:

Mouth respiratory protective device.

Wear fully protective suit.

### SECTION 6: Accidental release measures

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

Ensure adequate ventilation.

Wear protective equipment. Keep unprotected persons away.

#### 6.2 Environmental precautions:

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

Keep contaminated washing water and dispose of appropriately.

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

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

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**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 adequate ventilation. Handle and open container with care. Avoid contact with skin, eyes and clothing. Handle in accordance with good industrial hygiene and safety practices.

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

Keep away from heat and sources of ignition. Do not smoke. Take precautionary measure against static discharges.

**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:** 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**

**Additional information about design of technical facilities:**

No further data; see item 7.

Ventilation: use engineering controls to maintain airborne level below exposure limit requirements or guidelines. If there are none, use only with adequate ventilation. Local exhaust ventilation may be necessary for some operation.

If possible use transferring/filling, mereing and blending plants that are closed.

**8.1 Control parameters**

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

**DNELs**

**2855-13-2 3-aminomethyl-3,5,5-trimethylcyclohexylamine**

Oral	Derived No Effect Level	0.526 mg/kgxday (consumer systemic long term value)
Inhalative	Derived No Effect Level	0.073 mg/m <sup>3</sup> (worker local short term value)
		0.073 mg/m <sup>3</sup> (worker local long term value)

**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.

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**Respiratory protection:**

Use suitable respiratory protection where aerosols/vapours are generated.

Use respiratory equipment with suitable filter or wear self-contained breathing apparatus. (CE approved air-purifying respirator: organic vapour cartridge with a particulate pre-filter, type AP2).

**Protection of hands:** Protective gloves.

**Material of gloves**

PVC gloves

Butyl rubber, BR

Chlorinated polyethylene.

Polyethylene.

Ethyl vinyl alcohol laminate (EVAL).

Neoprene.

Nitrile rubber.

**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 &gt;0.5mm

**Eye protection:**

Use close fitting goggles (EN 166).

Eye wash fountain should be located in immediate work area.

**Body protection:**

Use protective clothing chemically resistant to this material.

Remove immediately all contaminated clothing.

### SECTION 9: Physical and chemical properties

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

<b>Form:</b>	Fluid
<b>Colour:</b>	Yellowish
<b>Odour:</b>	Amine-like
<b>Odour threshold:</b>	Not determined.

<b>pH-value:</b>	Not applicable.
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**Change in condition**

<b>Melting point/Melting range:</b>	Undetermined.
<b>Boiling point/Boiling range:</b>	232 °C (DIN)

<b>Flash point:</b>	110 °C (DIN ISO 2592)
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<b>Flammability (solid, gaseous):</b>	Not applicable.
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<b>Ignition temperature:</b>	350 °C (DIN 51794)
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<b>Decomposition temperature:</b>	Not determined.
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<b>Self-igniting:</b>	Product is not selfigniting.
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<b>Danger of explosion:</b>	Product does not present an explosion hazard.
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**Explosion limits:****Lower:** Not determined.**Upper:** Not determined.**Oxidising properties** Not determined.**Vapour pressure:** Not determined.**Density:** Not determined**Bulk density:** Not applicable.**Relative density** Not determined.**Vapour density** Not determined.**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:** 0.0 %**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**

Reacts with oxidizing agents

Reacts with 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:** Ammonia

### SECTION 11: Toxicological information

**11.1 Information on toxicological effects****Acute toxicity**

Harmful if swallowed or if inhaled.

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### LD/LC50 values relevant for classification:

Components	Type	Value	Species
<b>2855-13-2 3-aminomethyl-3,5,5-trimethylcyclohexylamine</b>			
Oral	LD50	1030 mg/kg	(Rat)
Dermal	LD50	1840 mg/kg	(Rabbit)
Inhalative	LC50/4 h	> 5.01 mg/l	(Rat) (OECD TG 403)
<b>25620-58-0 3,3,5-trimethylhexamethylene-diamine</b>			
Oral	LD50	910 mg/kg	(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.

##### 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** 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.

Type of test	Effective concentration	Method	Assessment
<b>2855-13-2 3-aminomethyl-3,5,5-trimethylcyclohexylamine</b>			
LC50/48h	185 mg/l	(Leuciscus idus (Orfe))	
LC50/96h	110 mg/l	(Brachydanio rerio (zebra danio))	
EC50/24h	42 mg/l	(Daphnia magna)	
EC50/48h	23 mg/l	(Daphnia magna)	
EC50/72h	37 mg/l	(Scenedesmus subspicatus (Algae))	
EC 10	1120 mg/l	(Pseudomonas putida (Bacteria))	
EC 10/18h	1120 mg/l	(Pseudomonas putida (Bacteria))	
<b>25620-58-0 3,3,5-trimethylhexamethylene-diamine</b>			
LC50/48h	174 mg/l	(Leuciscus idus (Orfe))	
LC0/48h	150 mg/l	(Leuciscus idus (Orfe))	
EC50/24h	31.5 mg/l	(Daphnia magna)	
EC50/72h	29.5 mg/l	(Scenedesmus subspicatus (Algae))	
EC 10/16h	72 mg/l	(Pseudomonas putida (Bacteria))	

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

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**12.3 Bioaccumulative potential**

**2855-13-2 3-aminomethyl-3,5,5-trimethylcyclohexylamine**

EBAB | 0.79 log Pow

**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.

**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:**

Packagings that may not be cleansed are to be disposed of in the same manner as the product.

**SECTION 14: Transport information**

**14.1 UN-Number**  
**ADR, IMDG, IATA**

UN2735

**14.2 UN proper shipping name**  
**ADR**

2735 AMINES, LIQUID, CORROSIVE, N.O.S.  
(TRIMETHYLHEXAMETHYLENEDIAMINES,  
ISOPHORONEDIAMINE)

**IMDG, IATA**

AMINES, LIQUID, CORROSIVE, N.O.S.  
(TRIMETHYLHEXAMETHYLENEDIAMINES,  
ISOPHORONEDIAMINE)

**14.3 Transport hazard class(es)**

**ADR**



**Class**

8 (C7) Corrosive substances.

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<b>Label</b>	8
<b>IMDG, IATA</b>	
	
<b>Class</b>	8 Corrosive substances.
<b>Label</b>	8
<b>14.4 Packing group ADR, IMDG, IATA</b>	III
<b>14.5 Environmental hazards:</b>	Not applicable.
<b>14.6 Special precautions for user</b>	Warning: Corrosive substances.
<b>Danger code (Kemler):</b>	80
<b>EMS Number:</b>	F-A,S-B
<b>Segregation groups</b>	Alkalis
<b>Stowage Category</b>	A
<b>Segregation Code</b>	SG35 Stow "separated from" acids.
<b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</b>	Not applicable.
<b>Transport/Additional information:</b>	Not dangerous according to the above specifications.
<b>ADR</b>	
<b>Limited quantities (LQ)</b>	5L
<b>Excepted quantities (EQ)</b>	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
<b>Transport category</b>	3
<b>Tunnel restriction code</b>	E
<b>IMDG</b>	
<b>Limited quantities (LQ)</b>	5L
<b>Excepted quantities (EQ)</b>	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
<b>UN "Model Regulation":</b>	UN 2735 AMINES, LIQUID, CORROSIVE, N.O.S. (TRIMETHYLHEXAMETHYLENEDIAMINES, ISOPHORONEDIAMINE), 8, 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.

**REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3

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**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.  
H412 Harmful to aquatic life with long lasting effects.

**Department issuing SDS:** Quality Department

#### Contact:

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Weber  
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#### 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)  
vPvB: very Persistent and very Bioaccumulative  
Acute Tox. 4: Acute toxicity – Category 4  
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  
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

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