

## SAFETY DATA SHEET

MAXCRETE 100LW - LIGHT WEIGHT EPOXY REPAIR MORTAR - ACTIVATOR

Page: 1

Compilation date: 27/05/2015

Revision No: 1

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

#### 1.1. Product identifier

**Product name:** MAXCRETE 100LW - LIGHT WEIGHT EPOXY REPAIR MORTAR - ACTIVATOR

**Product code:** MCR 100LW

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

#### 1.3. Details of the supplier of the safety data sheet

**Company name:** MaxKote

19 Kirkgate,

Sherburn in Elmet

Leeds

North Yorkshire

LS25 6BH

United Kingdom

**Tel:** 01977 682 903

**Email:** [info@MaxKote.co.uk](mailto:info@MaxKote.co.uk)

#### 1.4. Emergency telephone number

**Emergency tel:** 01977 682 903

### Section 2: Hazards identification

#### 2.1. Classification of the substance or mixture

**Classification under CHIP:** Xn: R20/21/22; C: R34; Sens.: R43; -: R52/53

**Classification under CLP:** Acute Tox. 4: H302+332; Aquatic Chronic 3: H412; Skin Corr. 1B: H314; Skin Sens. 1: H317

**Most important adverse effects:** Harmful by inhalation, in contact with skin and if swallowed. Causes burns. May cause sensitisation by skin contact. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

#### 2.2. Label elements

**Label elements:**

**Hazard statements:** H302+332: 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.

**Signal words:** Danger

**Hazard pictograms:** GHS05: Corrosion

GHS07: Exclamation mark

[cont...]

## SAFETY DATA SHEET

MAXCRETE 100LW - LIGHT WEIGHT EPOXY REPAIR MORTAR - ACTIVATOR

Page: 2



**Precautionary statements:** P102: Keep out of reach of children.  
P260: Do not breathe vapours.  
P273: Avoid release to the environment.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P301+310: IF SWALLOWED: Immediately call a POISON CENTER/doctor/.  
P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P333+313: If skin irritation or rash occurs: Get medical advice/attention.  
P501: Dispose of contents/container to hazardous or special waste collection point.

### Label elements under CHIP:

**Hazard symbols:** Corrosive.



**Risk phrases:** R20/21/22: Harmful by inhalation, in contact with skin and if swallowed.  
R34: Causes burns.  
R43: May cause sensitisation by skin contact.  
R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Safety phrases:** S1/2: Keep locked up and out of the reach of children.  
S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S29: Do not empty into drains.  
S36/37/39: Wear suitable protective clothing, gloves and eye / face protection.  
S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

### 2.3. Other hazards

**PBT:** This product is not identified as a PBT/vPvB substance.

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

[cont...]

# SAFETY DATA SHEET

MAXCRETE 100LW - LIGHT WEIGHT EPOXY REPAIR MORTAR - ACTIVATOR

Page: 3

## Hazardous ingredients:

### BENZYL ALCOHOL

EINECS	CAS	CHIP Classification	CLP Classification	Percent
202-859-9	100-51-6	Xn: R20/22	Acute Tox. 4: H332; Acute Tox. 4: H302	30-50%

### M-PHENYLENEBIS(METHYLAMINE)

216-032-5	1477-55-0	C: R34; Xn: R20/22; Sens.: R43	Skin Corr. 1B: H314; Acute Tox. 4: H302; Skin Sens. 1: H317; Aquatic Chronic 3: H412; Acute Tox. 4: H332	10-30%
-----------	-----------	--------------------------------	--	--------

### 3-AMINOMETHYL-3,5,5-TRIMETHYLCYCLOHEXYLAMINE

220-666-8	2855-13-2	Xn: R21/22; C: R34; Sens.: R43; -: R52/53	Acute Tox. 4: H312; Acute Tox. 4: H302; Skin Corr. 1B: H314; Skin Sens. 1: H317; Aquatic Chronic 3: H412	10-30%
-----------	-----------	---	--	--------

### REACTION PRODUCT FROM 1,3-BENZYLDMETHANAMINE AND BISPHENOL A EPICHLOROHYDRIN

-	113930-69-1	Xn: R22; Sens.: R43; N: R51/53	Aquatic Chronic 2: H411; Acute Tox. 4: H302; Skin Sens. 1: H317	1-10%
---	-------------	--------------------------------	---	-------

### SALICYLIC ACID

200-712-3	69-72-7	Xn: R22; Xi: R41	Eye Dam. 1: H318; Acute Tox. 4: H302+332	1-10%
-----------	---------	------------------	--	-------

## Section 4: First aid measures

### 4.1. Description of first aid measures

**Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin.

Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Consult a doctor.

**Eye contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.

**Ingestion:** Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

### 4.2. Most important symptoms and effects, both acute and delayed

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** There may be irritation and redness. The eyes may water profusely.

**Ingestion:** There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

[cont...]

# SAFETY DATA SHEET

MAXCRETE 100LW - LIGHT WEIGHT EPOXY REPAIR MORTAR - ACTIVATOR

Page: 4

## 4.3. Indication of any immediate medical attention and special treatment needed

**Immediate / special treatment:** Not applicable.

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

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

**Exposure hazards:** In combustion emits toxic fumes.

### 5.3. Advice for fire-fighters

**Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

## Section 6: Accidental release measures

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

**Personal precautions:** Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel.

### 6.2. Environmental precautions

**Environmental precautions:** Do not discharge into drains or rivers.

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

**Clean-up procedures:** Transfer to a closable, labelled salvage container for disposal by an appropriate method.

### 6.4. Reference to other sections

**Reference to other sections:** Refer to section 8 of SDS.

## Section 7: Handling and storage

### 7.1. Precautions for safe handling

**Handling requirements:** Ensure there is sufficient ventilation of the area.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage conditions:** Store in a cool, well ventilated area. Keep container tightly closed.

**Suitable packaging:** Must only be kept in original packaging.

### 7.3. Specific end use(s)

**Specific end use(s):** No data available.

[cont...]

## SAFETY DATA SHEET

MAXCRETE 100LW - LIGHT WEIGHT EPOXY REPAIR MORTAR - ACTIVATOR

Page: 5

### Section 8: Exposure controls/personal protection

#### 8.1. Control parameters

**Workplace exposure limits:** No data available.

#### DNEL/PNEC Values

**DNEL / PNEC** No data available.

#### 8.2. Exposure controls

**Engineering measures:** Ensure there is sufficient ventilation of the area.

**Respiratory protection:** Self-contained breathing apparatus must be available in case of emergency. Respiratory protective device with particle filter.

**Hand protection:** Protective gloves.

**Eye protection:** Safety glasses. Ensure eye bath is to hand.

**Skin protection:** Protective clothing.

### Section 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

**State:** Liquid

**Colour:** Amber

**Odour:** Ammoniacal

**Solubility in water:** Insoluble

**Viscosity:** Non-viscous

**Boiling point/range°C:** >200

**Flash point°C:** >100

**Autoflammability°C:** 380

**Relative density:** 1.0

#### 9.2. Other information

**Other information:** No data available.

### Section 10: Stability and reactivity

#### 10.1. Reactivity

**Reactivity:** Stable under recommended transport or storage conditions.

#### 10.2. Chemical stability

**Chemical stability:** Stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.

Decomposition may occur on exposure to conditions or materials listed below.

#### 10.4. Conditions to avoid

**Conditions to avoid:** Heat. Hot surfaces. Sources of ignition.

[cont...]

## SAFETY DATA SHEET

MAXCRETE 100LW - LIGHT WEIGHT EPOXY REPAIR MORTAR - ACTIVATOR

Page: 6

### 10.5. Incompatible materials

**Materials to avoid:** Strong oxidising agents. Strong acids.

### 10.6. Hazardous decomposition products

**Haz. decomp. products:** In combustion emits toxic fumes of carbon dioxide / carbon monoxide. In combustion emits toxic fumes of nitrogen oxides.

## Section 11: Toxicological information

### 11.1. Information on toxicological effects

**Hazardous ingredients:**

#### BENZYL ALCOHOL

IVN	RAT	LD50	53	mg/kg
ORL	MUS	LD50	1360	mg/kg
ORL	RAT	LD50	1230	mg/kg

#### M-PHENYLENEBIS(METHYLAMINE)

DERMAL	RAT	LD50	3100	mg/kg
ORAL	RAT	LD50	930	mg/kg

#### SALICYLIC ACID

DERMAL	RAT	LD50	>2000	mg/kg
ORAL	RAT	LD50	891	mg/kg

**Relevant effects for mixture:**

Effect	Route	Basis
Acute toxicity (harmful)	INH DRM ING	Hazardous: calculated
Corrosivity	OPT INH DRM	Hazardous: calculated
Sensitisation	DRM	Hazardous: calculated

### Symptoms / routes of exposure

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** There may be irritation and redness. The eyes may water profusely.

**Ingestion:** There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

## Section 12: Ecological information

[cont...]

# SAFETY DATA SHEET

MAXCRETE 100LW - LIGHT WEIGHT EPOXY REPAIR MORTAR - ACTIVATOR

Page: 7

## 12.1. Toxicity

**Hazardous ingredients:**

### M-PHENYLENEBIS(METHYLAMINE)

DAPHNIA	48H EC50	15.2	mg/l
FISH	96H LC50	>100	mg/l

### SALICYLIC ACID

FISH	96H LC50	1380	mg/l
------	----------	------	------

## 12.2. Persistence and degradability

**Persistence and degradability:** Not readily biodegradable.

## 12.3. Bioaccumulative potential

**Bioaccumulative potential:** No data available.

## 12.4. Mobility in soil

## 12.5. Results of PBT and vPvB assessment

**PBT identification:** This product is not identified as a PBT/vPvB substance.

## 12.6. Other adverse effects

## Section 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

## Section 14: Transport information

### 14.1. UN number

**UN number:** UN2735

### 14.2. UN proper shipping name

**Shipping name:** AMINES, LIQUID, CORROSIVE, N.O.S.  
(Isophoronediamine)

### 14.3. Transport hazard class(es)

**Transport class:** 8

[cont...]

## SAFETY DATA SHEET

MAXCRETE 100LW - LIGHT WEIGHT EPOXY REPAIR MORTAR - ACTIVATOR

Page: 8

### 14.4. Packing group

Packing group: III

### 14.5. Environmental hazards

Environmentally hazardous: No

Marine pollutant: No

### 14.6. Special precautions for user

Special precautions: No special precautions.

Tunnel code: E

Transport category: 3

## Section 15: Regulatory information

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

### 15.2. Chemical Safety Assessment

## Section 16: Other information

### Other information

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

\* indicates text in the SDS which has changed since the last revision.

**Phrases used in s.2 and s.3:** H302: Harmful if swallowed.

H302+332: Harmful if swallowed or if inhaled.

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.

H332: Harmful if inhaled.

H411: Toxic to aquatic life with long lasting effects.

H412: Harmful to aquatic life with long lasting effects.

R20/21/22: Harmful by inhalation, in contact with skin and if swallowed.

R20/22: Harmful by inhalation and if swallowed.

R21/22: Harmful in contact with skin and if swallowed.

R22: Harmful if swallowed.

R34: Causes burns.

R41: Risk of serious damage to eyes.

R43: May cause sensitisation by skin contact.

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

[cont...]



## **SAFETY DATA SHEET**

MAXCRETE 100LW - LIGHT WEIGHT EPOXY REPAIR MORTAR - ACTIVATOR

**Page: 9**

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.