

## SAFETY DATA SHEET

**Tixotrop Element Joint Mortar.**

SDS according to Regulation (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), Annex II-EU

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

Date issued 17.01.2019

**1.1. Product identifier**

Product name Tixotrop Element Joint Mortar.  
Product definition Product produced for winter conditions is included in this safety data sheet.

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

Use of the substance / preparation For vertical jointing of concrete elements  
Uses advised against Consult the publisher of this sheet if other than recommended uses are considered.  
The chemical can be used by the general public Yes  
The chemical is used by general public only No

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

Company name Combimix AB  
Postal address Verkstadsvägen 6  
Postcode S-746 40  
City BÅLSTA  
Country Sverige  
Telephone number +46 17146 65 90  
Email [miljo@combimix.se](mailto:miljo@combimix.se)  
Website [www.combimix.se](http://www.combimix.se)  
Enterprise No. 556614-8929

**1.4. Emergency telephone number**

Identification, comments +44(0) 8703 330070 Office hours only (08.30-17.00 UK time)

**SECTION 2: Hazards identification**

## 2.1. Classification of substance or mixture

Classification according to  
Regulation (EC) No 1272/2008  
[CLP / GHS]

Eye Dam. 1; H318

Skin Irrit. 2; H315

STOT SE 3; H335

## 2.2. Label elements

### Hazard pictograms (CLP)



Signal word

Danger

Hazard statements

H318 Causes serious eye damage. H315 Causes skin irritation. H335 May cause respiratory irritation.

Precautionary statements

P102 Keep out of reach of children. 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. P310 Immediately call a POISON CENTER or doctor / physician. P362 Take off contaminated clothing. P302+P352 IF ON SKIN: Wash with plenty of soap and water. P261 Avoid breathing dust.

Tactile warnings

No

Child-protection

No

## 2.3. Other hazards

PBT / vPvB

No such ingredients in this product.

Other hazards

The mixture is "low chromate" according to 2006/1907/EEC within the product shelf-life, so that the identification H317 is not applicable, when the packing was not opened in the meantime.

## SECTION 3: Composition / information on ingredients

### 3.2. Mixtures

Substance	Identification	Classification	Contents
Aggregate (sand/limestone)			50 - 60 %
Portland Cement	CAS No.: 65997-15-1 EC No.: 266-043-4	Eye Dam. 1; H318 Skin Irrit. 2; H315 STOT SE 3; H335 Skin Sens. 1; H317	35 - 45 %
Sodium Nitrate	CAS No.: 7631-99-4 EC No.: 231-554-3 REACH Reg. No.: 01-2119488221-41-xxxx	Ox. Sol. 2; H272 Eye Irrit. 2; H319	0 - 1,5 %
Description of the mixture	The sodium nitrate is only added to products produced for winter use.		

## SECTION 4: First aid measures

## 4.1. Description of first aid measures

Inhalation	Let the affected person breathe fresh air for a long time.
Skin contact	Powder: Brush away, wash area with soap and water. Wet mass: Remove contaminated clothing quickly. Wash exposed body parts with soap and water.
Eye contact	Do not rub eye. Immediately flush with plenty of water. Consult a doctor. Continue flushing during transport to hospital. Bring these instructions.
Ingestion	Drink plenty of water. If discomfort persists consult a doctor. Do not induce vomiting.

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

General symptoms and effects	Stinging, pain in the eyes. Irritated, red skin.
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## 4.3. Indication of any immediate medical attention and special treatment needed

Separate first aid equipment	Eyewash, easily accessible.
Other information	In case of eye contact with powder or wet mass, seek medical advice immediately.

# SECTION 5: Firefighting measures

## 5.1. Extinguishing media

Suitable extinguishing media	This product is not flammable.
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## 5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards	None.
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## 5.3. Advice for firefighters

Other information	Extinguishing media that come into contact with the product may assume some of the hazardous properties of the product, protect the eyes from splashing.
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# SECTION 6: Accidental release measures

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

General measures	Avoid direct contact with uncured or hardening product.
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## 6.2. Environmental precautions

Environmental precautionary measures	Avoid discharge into drains. Avoid discharge to the aquatic environment.
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## 6.3. Methods and material for containment and cleaning up

Clean up	Vacuum clean up is recommended for dry product, using shovels or brushes may cause irritating/hazardous dust. Wet product can be shoveled, avoid contact, wet material may develop corrosive properties. Hardened material is no longer aggressive or hazardous. Transport waste in sealed container.
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## 6.4. Reference to other sections

Other instructions

See section 8 for protective equipment, section 13 for waste code.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Handling

Avoid eye contact. Handle in original packaging or other tightly sealed container.  
If mixing takes place indoors, the room should be well ventilated.

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

Storage

Store dry and out of reach of children.

### 7.3. Specific end use(s)

Specific use(s)

See section 1.

## SECTION 8: Exposure controls / personal protection

### 8.1. Control parameters

Other Information about threshold limit values

Portland cement, 4mg/m<sup>3</sup> respirable dust. Portland cement, 10 mg/m<sup>3</sup> inhalable dust.

### DNEL / PNEC

Summary of risk management measures, human

No information.

Summary of risk management measures, environment

No information.

### 8.2. Exposure controls

#### Safety signs



### Eye / face protection

Suitable eye protection

Tightly sealed goggles

### Hand protection

Suitable gloves type

Protective gloves are recommended.

### Skin protection

Skin protection remark

Wash contaminated clothing before reuse. Wear appropriate clothing to prevent skin contact.

## Respiratory protection

Respiratory protection, comments      Use respiratory equipment with particle filter, type P3, if risk of inhaling dust.

## Hygiene / environmental

Specific hygiene measures      Wash contaminated clothing before reuse.

## Appropriate environmental exposure control

Environmental exposure controls, comments      None.

## Exposure controls

Exposure controls, comments      None.

## SECTION 9: Physical and chemical properties

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

Physical state	Powder, dust.
Colour	Grey.
Odour	Not determined.
pH	Status: In aqueous solution Value: ~ 13
Boiling point / boiling range	Comments: Not relevant.
Flash point	Comments: Not relevant.

### 9.2. Other information

#### Other physical and chemical properties

Physical and chemical properties	Reacts with water, moderate heat generation, during the curing process, high pH is formed.
Comments	Cured product is neither aggressive nor reactive.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reactivity	Reacts with water, moderate heat generation, during the curing process, high pH is formed.
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### 10.2. Chemical stability

Stability	Stable under the prescribed storage conditions.
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### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	None.
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## 10.4. Conditions to avoid

Conditions to avoid	Avoid direct contact with hardening or uncured product.
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## 10.5. Incompatible materials

Materials to avoid	No information.
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## 10.6. Hazardous decomposition products

Hazardous decomposition products	None.
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## Other information

Other information	Cured product is neither aggressive nor reactive.
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# SECTION 11: Toxicological information

## 11.1. Information on toxicological effects

### Other information regarding health hazards

Skin contact	May cause irritation, wet product can act corrosive on skin.
Eye contact	May cause serious and permanent eye damage.
Sensitisation	Not considered as sensitizing. Sensitive people however are advised to avoid skin contact. The portland cement is chromium reduced, this reduction will last at least twelve months from manufacturing date.

## Symptoms of exposure

In case of ingestion	No information.
In case of skin contact	Irritating to skin.
In case of inhalation	Coughing.
In case of eye contact	Red, rinsed eyes. Pain.

# SECTION 12: Ecological information

## 12.1. Toxicity

Ecotoxicity	The preparation is not considered as ecotoxic.
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## 12.2. Persistence and degradability

Persistence and degradability description	Not relevant.
Degradation half-life	Not relevant.
Persistence and degradability, comments	No ecotoxicological risks / hazards known. Is not easily degradable.

## 12.3. Bioaccumulative potential

Bioaccumulative potential	Not relevant.
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#### 12.4. Mobility in soil

Mobility	Not relevant.
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#### 12.5. Results of PBT and vPvB assessment

PBT assessment results	Not Classified as PBT/vPvB by current EU criteria.
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#### 12.6. Other adverse effects

Additional ecological information	None.
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Environmental details, summation	Not considered ecotoxicological.
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### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Specify the appropriate methods of disposal	Dry powder is handled in well-sealed vessels to prevent dusting.
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Product classified as hazardous waste	Yes
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Packaging classified as hazardous waste	No
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EWC waste code	EWC waste code: EWC 17 09 04 Classified as hazardous waste: Yes
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Other information	Cured product is not hazardous waste. Packaging can be sent to combustion, after cleaning.
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### SECTION 14: Transport information

Dangerous goods	No
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#### 14.1. UN number

Comments	Not relevant.
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#### 14.2. UN proper shipping name

Comments	Not relevant.
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#### 14.3. Transport hazard class(es)

#### 14.4. Packing group

Comments	None.
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#### 14.5. Environmental hazards

Comments	Not relevant.
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## 14.6. Special precautions for user

Special safety precautions for user    None.

## 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

## Additional information

Additional information    None.

## SECTION 15: Regulatory information

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

Assessed restrictions    None.

Restriction of chemicals according to Annex XVII (REACH)    None.

Biocides    No

Nanomaterial    No

### 15.2. Chemical safety assessment

Chemical safety assessment performed    No

## SECTION 16: Other information

List of relevant H-phrases (Section 2 and 3)

H272 May intensify fire; oxidiser.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H335 May cause respiratory irritation.

Version    1

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