

AFEC E.R.M.A Ltd.

P.O.B 13379 Industrial Zone Nenanya, 4237927, Israel  
Tel. +972-72-2121311  
Fax. +972-72-2121811  
E-mail: info@afecerma.com



www.afec-erma.com

אפק א.ר.מ.ע בע"מ

ת.ד. 13379 אזורת הישן, נתניה 4237927  
טל. 072-2121311  
פקס 072-2121811  
א"מ.יט info@afecerma.com

## M-198 MATERIAL SAFETY DATA SHEET

### Producer

**AFEC Erma ltd**

14 Ort, Netanya, 4237851, Israel

Tel: +972-72-2121311

In case of emergency: ISRAEL only: 050-3533885/ 050-4000490

### 1. Identification of the substance / preparation and of the company / undertaking

Identification of the product: Powder.

Company identification: AFEC Erma ltd.

Trade name: M-198

Type of product: Mortar admixture.

Use: Industrial.

### 2. Composition / information on ingredients

- \* Chemical nature: Bland of gluconates and polymers
  - \* Not classified as dangerous product
- Substances presenting a health or environmental hazard: None.

### 3. Hazards identification

Symptoms relating to use

\*Inhalation: Not expected to present a significant inhalation hazard  
under anticipated

conditions of normal use.

\*Skin contact: Repeated or prolonged skin contact may cause irritation.

\* Eye contact: Direct contact with the eyes is likely slightly irritating.

\* Ingestion: Must not come into contact with food or be consumed.

Swallowing a small

quantity of this material presents some health

hazard.

#### 4. First aid measures

##### First aid measures

- \* Inhalation: Assure fresh air breathing. If you feel unwell, seek medical advice.
- \*Skin contact: Wash skin thoroughly with mild soap and water. Seek medical attention if irritation develops.
- \* Eye contact: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking, tears or redness persist.
- \*Ingestion: Rinse mouth. DO NOT INDUCE VOMITING. Seek medical attention if ill effect develops.

#### 5. Fire - fighting measures

- \* - Suitable extinguishing media : Foam. Powder.
- Unsuitable extinguishing media : Water.
- Protection against fire : Wear proper protective equipment. Do not enter fire area without proper protective equipment, including respiratory protection.
- Special procedures : Exercise caution when fighting any chemical fire.

## 6. Accidental release measures

- Personal precautions : Equip cleanup crew with proper protection.  
 Environmental precautions if liquid enters : Prevent entry to sewers and public waters. Notify authorities  
 sewers or public waters.  
 \* Clean up methods : Clean up any spills as soon as possible, using an  
 absorbent material to collect it. Use suitable disposal  
 containers.

## 7. Handling and storage

- Storage: not in use. Store in dry, well-ventilated area. Keep container closed when  
 Handling: Eliminate quickly from the eyes, to clean the skin and  
 clothing. Wash hands and other exposed areas with mild  
 soap and water before eat, drink or smoke and when  
 leaving work.

## 8. Exposure controls / personal protection

### Personal protection

**8 =**

- Respiratory protection: under normal No special respiratory protection equipment is recommended  
 conditions of use with adequate ventilation.  
 \* - Hand protection: standard material Wear suitable gloves resistant to chemical penetration of  
 nitrile.  
 \* - Skin protection: Wear long sleeves, clothes that covers well.  
 - Eye protection: Safety glasses.  
 - Ingestion: When using, do not eat, drink or smoke.  
 Industrial hygiene: Provide local exhaust or general room ventilation.

## 9. Physical and chemical properties

- Physical state at 20 °C: Powder.  
 Color: Milky white to pale yellow  
 Odor: Characteristic.  
 Solubility in water: Very good.

AFEC E.R.M.A Ltd.

P.O.B 13379 Industrial Zone Nenanya, 4237927, Israel  
Tel. +972-72-2121311  
Fax. +972-72-2121811  
E-mail: info@afecerma.com



[www.afec-erma.com](http://www.afec-erma.com)

אפק א.ר.מ.ע בע"מ

ת.ד. 13379 אזורת הישן, נתניה 4237927  
טל. 072-2121311  
פקס. 072-2121811  
א"ל info@afecerma.com

#### 10. Stability and reactivity

Hazardous reactions : None under normal conditions.  
Hazardous properties : None under normal conditions.

#### 11. Toxicological information

Rat oral LD50 [mg/kg] : No data available.

#### 12. Ecological information

LC50-96 Hour - fish [mg/l] : No data available.

AFEC E.R.M.A Ltd.

P.O.B 13379 Industrial Zone Nenanya, 4237927, Israel  
Tel. +972-72-2121311  
Fax. +972-72-2121811  
E-mail: info@afecerma.com



www.afec-erma.com

אפק א.ר.מ.ע בע"מ

ת.ד. 13379 אזורת הישן, נתניה 4237927  
טל. 072-2121311  
פקס. 072-2121811  
info@afecerma.com י"א

### 13. Disposal considerations

General:  
regulations for disposal.

Avoid release to the environment. Comply with local

Dispose of this material and its container at hazardous or special waste collection point.

### 14. Transport information

General information:

Not classified.

- IMDG-Marine pollution:

No.

### 15. Regulatory information

- Symbol(s):

None.

R Phrase(s):

None.

S Phrase(s):

None.

### 16. Other information

Recommended uses and restrictions: See technical data sheet for detailed information.

Further information:  
announced by the

The modifications compared to the preceding version are

sign \* in front of the headings concerned.

Date:

01/01/2020

**DISCLAIMER OF LIABILITY** The information in this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.