

Trade name : **FILLEREX (Component A)**

1. Identification of the product and company:

Product details

Trade name : FILLEREX -Mortar component A
Three component industrial coating mortar .

Manufacturer: METOP ENDÜSTRİYEL ZEMİNLER İNŞ. SAN. VE TIC LTD.
Büyük dere Cad , Çayır Çimen sok, A2 blok D32, Levent
Istanbul / TURKEY
Telephone: + 90 212 268 15 70 –Fax : + 90 212 269 44 84

2.Composition:

Chemical nature

Modified new generation epoxy/polyurethane resin .

Preparation

Hazardous components

| Chemical name | Cas.-No. | Symbols(s) | R-phrases(s) | Concentration |
|--|------------|------------|-------------------|---------------|
| Glycidylether of C12-C14,alcohols EC-No.:271-846-8 | 68609-97-2 | Xi,N | R36/38 R43 R51/53 | 5.00-15.00 |
| Reaction product:bisphenol A-(epichlorhydrin):epoxy resin(number average molecular weight<700) | 25068-38-6 | Xi,N | R36/38 R43 R51/53 | 50.00-75.00 |
| Bisphenol F-epoxy resin | 9003-36-5 | Xi,N | R36/38 R43 R51/53 | 12.00-20.00 |

3.Hazard identification:

Irritation to eyes and skin,.

May cause sensitization by skin contact.

Harmful to aquatic organisms, may cause long term adverse effects in the aquatic environment

4.first aid measures:

After inhalation : Move to fresh air,

If symptoms persist call a physician immediately.

After skin contact :wash immediately with soap and plenty of water .Rinse thoroughly

If skin irritation persists call a physician.

After eye contact :wash immediately with plenty of water for at least 15minutes .Get medical attention.

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After swallowing :Immediately give plenty of water (if possible charcoal slurry).
If a person vomits when lying on his back ,place him in the
recovery position .
oxygen or artificial respiration if needed.
Do not induce vomiting.

5.Fire fighting measures :

Suitable extinguishing agents: -water spray

-Foam

-Dry chemical media.

-Sand

Extinguishing media which :High volume water jet

Must not be used for safety
reasons

Special protective : wear self contained breathing apparatus and protective suit.
equipments for fire fighters

Further information :Burning produces obnoxious and toxic fumes.
Carbon oxides.

6.Accidental release measures:

Personal precautions : Keep away from source of ignition-No smoking.
Avoid contact with skin, eyes and clothing.
Do not breathe vapour/dust.

Environmental precautions : Prevent product from entering drains,
Do not contaminate surface water.
Avoid subsoil penetration.

Methods of cleaning up : Soak up with inert absorbent material and dispose of as
hazardous waste

7.handling and storage:

Handling :

Advice on safe handling : Provide sufficient air exchange and/or exhaust in work rooms
Ensure adequate ventilation.
Handle and open container with care.

Storage :

Further information : Keep away from food,drink and animal feeding stuffs.

On storage conditions Keep container tightly sealed.

Keep at temperatures between 2 and 40°C .

Storage hazard class : Storage class 10, Environmentally hazardous liquids.

Trade name : **FILLEREX (Component A)****8.Exposure controls and personal protection:**

Components with workplace control parameters

| Components | Cass-No. | Control parameters | Update | Basis |
|------------|----------|--------------------|--------|-------|
|------------|----------|--------------------|--------|-------|

Personal protective equipment

Eye protection : Tightly fitted safety goggles.
Face –shield

Hand protection : rubber or plastic gloves.

Skin and body protection : Protective suit.
Safety shoes.

Protective measures : Keep away from source of ignition. No smoking
Avoid contact with skin, eyes and clothing.

9.Physical and chemical properties

Form : Liquid
 Colour : colourless,
 Odour : slight
 Boiling point : > 200°
 at 1.013 hPa
 Thermal decomposition : > 200° C
 Flash point : approx. 130 °C
 Method :DIN 51758 (Pensky-Martens closed cup)
 Vapour pressure : <0.001Pa
 at 20° C.
 Density : 1.13 g/cm³
 at 20° C
 Method:DIN 51757.
 Water solubility : at 20° C
 Note : practically insoluble
 Miscibility in water : immiscible
 Viscosity ,dynamic : 800-1,100mPa.s
 at 25° C.

10.Stability and reactivity:

Conditions to avoid : Note :Take necessary action to avoid electricity discharge.

Material to avoid :Strong acids and strong bases.
Strong oxidizing agents.

Hazardous decomposition Products :Carbon oxides.Burning produces obnoxious and toxic fumes

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11. Toxicological information:

Acute oral toxicity : LD50 rat
Dose >5,000 mg/kg

Acute dermal toxicity : LD50 rat
Dose >2,000 mg/kg

Eye irritation : irritating
Rabbit

Skin irritation : irritating
Rabbit
Dermal

Sensitization : Causes sensitization .
Guinea pig
Dermal

12 Ecological information

Ecotoxicity effects

Further information on ecology

Additional ecological Information : Avoid subsoil penetration
Prevent product from entering drains.
Do not contaminate surface water.

13. Disposal consideration

Product : Must be incinerated, when in compliance with local regulations.
Container : Empty containers can be land filled after cleaning, when in compliance with the environment protection (Duty of care) Regulations 1991.

Contaminated packaging : Waste key Number : 305055

14. Transport information

Land transport:

ADR:
UN No. 3082
Class 9
Classification Code : M6
Packaging group III
Risk No. 9
ADR/RID -labels 9
Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID,
N.O.S.
Contains BISPHENOL A EPOXY RESIN

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RID:

UN No. 3082
Class 9
Packaging group III
Risk No. 90
ADR/RID –labels 9
Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID,
N.O.S.
Contains BISPHENOL A EPOXY RESIN

Sea transport:**IMDG:**

UN No. 3082
Class 9
Packaging group III
ADR/RID –labels 9
MFAG:
EmS: A-AS-F
Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID,
N.O.S.
Contains BISPHENOL A EPOXY RESIN

Air transport**IATA-DGR:**

UN/ID No. UN 3082
Class 9
Packaging group III
Packing instruction(cargo Aircraft): 914
Max .Qty/Pack: 999.00L
(999.00=No limit)
Packing instruction (passenger aircraft) : 914
Max .Qty/Pack: 999.00L
(999.00=No limit)
ADR/RID-LABELS 9
Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID,
N.O.S.
Contains BISPHENOL A EPOXY RESIN

15.Regularity information**Labeling according to EEC Directive**

Labelling required

Symbol(s): Xi irritant
N Dangerous for invironment.

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R-phrases: R36/38 Irritating to eyes and skin.
R-43 May cause sensitization by skin contact.
R52/53 Harmful to aquatic organisms, may cause
Long-term adverse effects in the aquatic environment.

Safety phrases: S-26 In case of contact with eyes ,rinse immediately with plenty of
water and seek.
S28 After contact with skin, wash immediately with plenty of soap and water.
S-37/39 Wear suitable gloves and eye/face protection.
S61 Avoid release to environment .Refer to special instructions safety data
sheets.

Exceptional labeling of special preparation : Contains epoxy constituents .See information supplied by the manufacturer.

Hazardous components : glycidylether of C12-C14 alcohols
Which must be listed on the Label EC-No.:271-846-8

Reaction product: bisphenol A-(epichlorhydrin);epoxy resin
(number average molecular weight < 700)

National legislation

Water contaminating class : 2 water endangering
Classified according to annex 4 of the German VwVwSfor
preparations.

Notification status

:CH_GIFTKL Notification number: 4

:CH_BAGT Notification number:614084

: TSCA yes

: EINECS yes

: DSL yes

: AICS yes

: JEX(JP) yes

: KECI (KR)yes

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16. Other information

List of R-phrases (section 2)

- | | |
|--------|---|
| R36/38 | Irritating to eyes and skin. |
| R-43 | May cause sensitization by skin contact. |
| R52/53 | Toxic to aquatic organisms, may cause Long-term adverse effects in the aquatic environment. |

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