



**Robex S.A.**  
(PTY) LTD. REG:2002/012975/07

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## Material Safety Data Sheet

### Robex RX-Screed FSL, Part A

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

Product: Concrete surface sealer and levelling compound when combined with Part B and Part C

Product name

- **Robex RX-Screed FSL 'Component A'**
- **RX-FSL Part A**

Manufacturer/supplier information

- Manufacturer/supplier:
  - Robex SA (Pty) Ltd
  - 6 Middle Muir Road
  - Anderbolt 1459
  - PO Box 2082
  - Boksburg

Phone: +27 11 892 2604  
Fax: +27 11 917-1474

General information:

- Emergency information phone:
  - Robex Technical Department
  - Phone: +27 11 892 2565
  - Fax: +27 11 917 1474

#### 2. Composition/information on ingredients

Chemical characterization

- Soluble with water, Modified Epoxi Resin

Hazardous ingredients

- Designation according to 67/548/EEC

CAS No.	Concentration	Danger symbols	R phrases
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Reaction product: bisphenol A-(epichlorhydrin)			
epoxy resin (number average molecular weight <= 700)			
25068-38-6	25-50%	XiN	36/38, 43, 51/53
500-033-5			

Reaction product: bisphenol F-(epichlorhydrin)			
epoxy resin (number average molecular weight <= 700)			
9003-36-5	10-25 %	Xi,N	36/38,43,51/53
500-006-8			

Oxirane, mono[(C12-14-alkyloxy)methyl]derivs.			
68609-97-2	2.5 -10 %	Xi,N	36/38,43,51/53
271-846-8			

#### 3. Hazards identification

Hazards identification

Xi Irritant

Information on hazards to man and to the environment

37/38	Irritating to respiratory system and skin.
41	Risk of serious damage to eyes.
43	May cause sensitization by skin contact.
N	Dangerous for the environment

Information on hazards to man and to the environment

36/38	Irritating to eyes and skin.
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43	May cause sensitization by skin contact.
51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment when not cured with Parts B & C.

#### **4. First-aid measures**

##### General instructions

- In any case show the physician the Safety Data Sheet

##### After inhalation

- In case of irritation when dust is inhaled, provide for plenty of fresh air.
- In the event of symptoms seek medical attention.

##### After skin contact

- In case of contact with skin wash off immediately with soap and water
- Seek medical attention if skin irritation persists.

##### After eye contact

- In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water.
- Seek medical attention immediately.

##### After ingestion

- Do not induce vomiting.
- Seek medical attention immediately.

#### **5. Fire-fighting measures**

##### Suitable extinguishing media

- Extinguishing media suitable to the surrounding fire.

##### Unsuitable extinguishing media for safety reasons

- Not applicable.

Exposure hazard arising from the product, its combustion products or resulting gases

In the event of fire the following can be released:

- In the event of fire the following can be released:
  - Carbon monoxide (CO)
  - Carbondioxide (CO<sub>2</sub>)
  - Nitrogen oxides (NO<sub>x</sub>)

##### Special protective equipment for fire-fighting

- Use breathing apparatus.

##### Additional information

- Fire residues and contaminated fire fighting medium must be disposed of in accordance with the local regulations.
- Collect contaminated fire fighting water separately, must not be discharged into the drains.

#### **6. Accidental release measures**

##### Personal precautions

- Ensure adequate ventilation.
- Use breathing apparatus if exposed to vapours/dust/aerosol.
- Use personal protective clothing.

##### Environmental precautions

- Do not allow to enter drains or waterways
- In case of entry into waterways, soil or drains, inform the responsible authorities.

##### Procedures for cleaning up

- Pick up with absorbent material (e.g. Sand, sawdust, general purpose binder)
- When picked up, treat material as prescribed under heading "Disposal".

#### **7. Handling and storage**

##### Handling

- Instructions for safe handling
  - See chapter 8 / Personal protective equipment.
- Instructions for fire and explosion protection
  - Not applicable

##### Storage

- Requirements for storage rooms and containers
  - Keep container tightly closed and dry in a cool, well-ventilated place
  - Combined storage instructions
    - Keep away from food, beverages and animal feed-stocks.

- Additional information regarding storage
  - Protect from atmospheric moisture and water
  - Protect from frost.
  - Protect from heat and direct sunlight

#### **8. Exposure controls/personal protection**

- Personal protective equipment
  - General protective and hygiene measures
- Personal protective measures
  - Do not inhale dust
  - Avoid contact with eyes and skin
  - Remove soiled or soaked clothing immediately.
  - Take care for sufficient ventilation or exhaust on the workshop place.
  - Do not eat, drink or smoke during work time.
  - Wash hands before breaks and after work.
  - Use barrier skin cream.
- Respiratory protection
  - Not applicable
- Hand protection
  - Nitrile rubber gloves
- Eye protection
  - Safety glasses/face shield
- Body protection
  - Working clothes

#### **9. Physical and chemical properties**

- Appearance
  - Physical state: Liquid
  - Colour: White
  - Odour: Almost odourless
- Data relevant to safety
  - Flash point > 100 °C
  - Solubility in water Reacts with water
  - Density at 20°C 1.07 g/cm<sup>3</sup>
  - Viscosity at 20°C 250 mPas

#### **10. Stability and reactivity**

- Materials to avoid/dangerous reactions
  - Hazardous reactions possible with:
    - No hazardous reactions when stored and handled according to prescribed instructions.
- Thermal decomposition and hazardous decomposition products
  - No decomposition if used as prescribed.

#### **11. Toxicological information**

- Sensitization
  - Sensitization/allergic reaction possible.
    - Allergic reaction may be observed in sensitive persons, even on very low concentrations.
- Experience on humans
  - When skin contact:
    - Irritation.
  - When eyes contact:
    - Irritation.
  - When inhalation:
    - Irritation.
  - When swallowed:
    - Small amount may cause considerable health disorders.

#### **12. Ecological information**

- Additional information
  - Do not allow to enter waste water drain, waterways or soil.

### **13. Disposal considerations**

- Packaging
  - Recommendations
    - Empty packaging may still contain hazardous residues.
    - Empty containers should be removed by a licensed waste contractor.
    - Completely emptied containers may be disposed of under the guidelines of local regulations.

### **14. Transport information**

- IMO/IMDG
  - UN 3082                      Class: 9                      Packing group: III
  - EmS:                          F-A, S-F
  - Marine pollutant:        No
  - Proper shipping name
  - Environmentally hazardous substance, liquid, n.o.s.
  - Contains:                    Epoxide resin

### **15. Regulatory information**

- Labelling according to EEC Directive:
  - The product is classified and labelled in accordance with EC directives/the relevant national laws.
- Relevant hazardous ingredients for labelling:
  - Contains:
    - Reaction product:
      - bisphenol A-(epichlorhydrin)
      - epoxy resin (number average molecular weight <= 700)
    - Reaction product:
      - bisphenol F-(epichlorhydrin) epoxy resin
      - epoxy resin (number average molecular weight <= 700)
    - Oxirane, mono[(C12-14-alkyloxy)methyl]derivs.
- Danger symbols:
  - Xi                              Irritant
- R phrases:
  - 36/38                      Irritating to eyes and skin.
  - 43                            May cause sensitization by skin contact.
  - 51/53                      Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- S phrases:
  - 24                            Avoid contact with skin.
  - 26                            In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
  - 37/39                      Wear suitable gloves and eye/face protection.
- Special labelling for certain preparations:
  - Contains epoxy constituents.

### **16. Other information**

- Recommended use:
  - Chemical product for construction and industry
  - Concrete surface sealer when combined with Part B and Part C
  - Concrete smoothing compound
- R-phrases of the ingredients listed in chapter 2
  - 36/38                      Irritating to eyes and skin.
  - 43                            May cause sensitization by skin contact.
  - 51/53                      Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment when not cured with Parts B & C
- All warranties are excluded.
- Our most current General Sales Conditions shall apply.
- Please consult the Technical Data Sheet prior to any use and processing.
- The information contained in this Material Safety Data Sheet corresponds to our level of knowledge at the time of publication.