

## SAFETY DATA SHEET

### 1. Identification

**Product name:** mira 3000 standardfix  
mira 3100 unifix  
mira 3200 rapidfix  
mira 3150 planfix  
mira 6600 cemplan  
mira 6660 termoplan  
mira 6650 industriplan  
mira 6700 cemplan  
mira 6950 expres  
mira 6998 betomix quick  
mira 6999 lightbeton  
mira x-plan  
mira C2TE  
mira steincrete

**Intended use:** Cement based building products

**Date:** 01.07.2006

### 2. Composition/Information on Ingredients

Content	Weight-%	Classification
<i>Cement</i> CAS-nr. 65997-15-1 EC-nr. 266-043-4	10-60	Xi;R37/38-41
<i>Quartz sand</i> CAS-nr. 14808-60-7	5-60	

### 3. Hazards identification

The product contains cement which is skin irritating (especially in contact with water) and irritating to the respiratory tract.

### 4. First Aid Measures

**Inhalation:**

Remove to fresh air. If the symptoms persist, seek medical advice.

**Skin contact:**

Contaminated clothes to be removed. Wash skin thoroughly with water and soap. After washing use a fat skin lotion. If the symptoms persist, seek medical advice.

**Eye contact:**

Irrigate copiously with water for at least 15 minutes. If symptoms persist, seek medical advice.

**Ingestion:**

Do not induce vomiting. Drink water or milk and obtain immediate medical attention.

### 5. Fire-Fighting Measures

The product is not flammable.

### 6. Accidental Release Measures

Large amounts of spillage should be vacuumed. Avoid spreading the dust. Disposal according to local waste regulations. See also section 8 and 13

### 7. Handling and storage

Avoid direct contact with the products, especially after mixing with water. Use protective gloves. See section 8.

If dust is generated during work use approved respiratory protection. See point 8.

The product should be stored in closed original packing and kept out of reach of children. Open bags should be used as quickly as possible.

### 8. Exposure Control/Personal Protection

**The following ingredients have a threshold limit value:**

Quartz dust – total	0,3 mg/m <sup>3</sup>
Quartz dust – reparable	0,1 mg/m <sup>3</sup>

**The following personal protection is recommended if necessary:**

Respiratory:	In case of dusted work or when mixing powder and water, use: Rubber half mask/P2-filter
Gloves:	Rubber/PVC
Eye protection:	Glasses/shield

## 9. Physical and Chemical Properties

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Appearance:	Powder
Odour:	-
pH:	-
Boiling point/interval:	-
Melting point/interval:	-
Vapour pressure (20° C):	-
Relative density:	-
Solubility-Water:	-
n-octanol/water coefficient:	-
Flash point:	-
Autoignition:	-
Explosive properties:	-
Other data:	-

-: Means no data or not relevant

## 10. Stability and Reactivity

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In contact with strong acids carbon dioxide evolves and the product loses its ability to harden. Hardens in contact with water.

## 11. Toxicological Information

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Inhalation:	Inhalation of dust will cause strong irritation in nose, throat and airways.
Contact:	Contact with skin will cause strong irritation with risk of ulceration, especially after mixing with water.
Eye contact:	Strong eye irritation with risk of serious damage to eyes.
Ingestion:	Will cause strong irritation or corrosion in stomach and intestinal tract.

## 12. Ecological information (for ingredients)

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Danger in water environment: No adequate data.

Danger to other Eco systems: No adequate data.

## 13. Disposal Consideration

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Product disposal according to national regulations.  
Transportation as waste: see also section 14.

## 14. Transport information

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The product is not considered dangerous during transportation

## 15. Regulatory information

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Danger symbol on package:

Xi



Irritant

Danger symbol on package::

Irritating to respiratory system and skin (R37/38)

Risk of serious damage to eyes (R41)

Keep out of the reach of children (S2)

Do not breathe dust (S22)

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice (S26)

Wear eye/face protection (S39)

If swallowed, seek medical advice immediately and show this container or label (S46)

Application limitation: None.

Special education/training requirements: None.

In accordance with EU Directive 2003/53EF of June 18, 2003.

## 16. Other Information

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Information in this safety data is based on our current knowledge as well as EU and national legislation. Applicant's working conditions are beyond our control. Directions in this safety data sheet are given under condition that the product is applied as mentioned above. Also it is assumed that application limitations and demands to education are respected. When applied in hospitals or in connection with accidents, bring this safety data sheet.