

SAFETY DATA SHEET

Product name: mira 3200 rapidfix
 mira 3150 planfix
 mira 4600 aqua-stop
 mira 6600 cemplan
 mira 6650 industriplan
 mira 6660 termoplan
 mira 6700 cemplan
 mira 6802 cemcoat
 mira 6810 cemplaster
 mira 6950 expres
 mira 6990 quick cement
 mira 6995 betofibermix quick
 mira 6998 betomix quick
 mira x-plan

Intended use: Cement based building products

Date: 19.02.1998

Revised: 13.02.2001/04.06.2003

2. Composition/Information on Ingredients:

<u>Ingredient name</u>	<u>Contents %</u>	<u>Classification</u>
Cement	5-30	Xi; R37/38-41
Washed quartz sand (<2% respirable quartz)	50-90	
Grey aluminate cement	5-40	Xi; R37/38-41
Plastic polymers	1-7	

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 (TLV):

Quartz dust – total	0,3 mg/m ³
Quartz dust – respirabel	0,1 mg/m ³

Personal protection recommended, if necessary:

Respiratory protection:

Rubber half mask/P2-filter

Gloves:

Rubber or PVC

Eye protection:

Glasses/shield

9. Physical and Chemical Properties:

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

-: Means no data or not relevant

10. Stability and Reactivity:

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

11. Toxicological Information:

Inhalation:

Inhalation of dust will cause strong irritation in nose, throat and airways.

Skin 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:

No adequate ecological data to classify the components according to environment.

13. Disposal Considerations:

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

14. Transport Information:

The product is not considered dangerous goods during transportation.

15. Regulatory Information:

Danger label on container (product classification):

Irritating to respiratory system and skin (R37/38)

Risk of serious damage to eyes (R41)

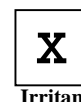
Keep out of the reach of children (S2)

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

16. Other Information

Revised: front page, page 2.