

**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**  
Product name: mira 4400 multicoat

**1.2. Relevant identified uses of the substance or mixture and uses advised against recommended use**  
Application: Membrane for waterproofing wet room

**1.3. Details of the supplier of the safety data sheet**  
Supplier: mira byggeprodukter a/s  
Egegårdsvej 2  
DK-4621 Gadstrup  
Telephone. + 45 46 19 19 46  
Fax: + 45 46 19 20 21

E-mail: info@mira.eu.com

Date: 16.11.2016 Version: 1.0

**1.4. Emergency**  
Telephone number  
Denmark:  
Bispebjerg hospital, Giftlinie 82 12 12 12  
(opened 24 hours)

**SECTION 2: Hazards identification**

**2.1. Classification of the substance or mixture**  
This mixture is not classified as dangerous

Health hazards: The product can cause skin irritation and can possibly cause eczema (allergic)

**2.2. Label elements**  
Product is not subject to REACH registration.

**2.3. Other hazards**  
PBT/vPvB: Not relevant.

**SECTION 3: Composition/information on ingredients**

**3.2. Mixtures**  
The products is based on aqueous synthetic material with fillers.

67/548/EØF:

%	CAS-no.	EF-no.	REACH Reg. No.	Chemical name	Classification
1-3	13463-67-7	-	-	Titanium dioxide	-

GHS/CLP:

%	CAS-no.	EF-no.	REACH Reg. No.	Chemical name	Classification
1-3	13463-67-7	-	-	Titanium dioxide	-

**SECTION 4: First aid measures**

**4.1. Description of first aid measures**  
Inhalation: Move to fresh air. If symptoms persist, call a physician

Skin contact: Wash skin thoroughly with soap and water or use recognized skin cleanser. Use a high fat protective cream after cleaning skin. If symptoms persist, call a physician.

Eye contact: Rinse immediately with plenty of water, also under eyelids, for at least 15 minutes. Remove contact lenses. Get medical attention immediately if irritation develops and persists. Continue rinsing eyes during transport to hospital.

Ingestion: Rinse mouth immediately. Drink plenty of water. Do NOT induce vomiting. In order not to risk product entering the lungs on vomiting after ingestion keep head low. If accidentally swallowed obtain immediate medical attention.

**4.2. Most important symptoms and effects, both acute and delayed**  
May irritate skin and cause eczema (allergic).

**4.3. Indication of immediate medical attention and special treatment needed**  
If unconscious, place in recovery position and seek medical advice. Show this safety data sheet to the doctor in attendance.

**SECTION 5: Firefighting measures**

**5.1. Extinguishing media**  
The product itself does not burn. Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide (never water jet as it spreads fire).

**5.2. Special hazards arising from the substance or mixture**  
Burning produces noxious and toxic fumes.

**5.3. Advice for firefighters**  
Remove container if possible. Wear self-contained breathing apparatus and protective suit.

**SECTION 6: Accidental release measures**

**6.1. Personal precautions, protective equipment and emergency procedures**  
Wear personal protective equipment– see SECTION 8.

**6.2. Environmental precautions**  
If the product contaminates rivers and lakes or drains inform respective authorities.

**6.3. Methods and materials for containment and cleaning up**  
Large amounts of waste are absorbed with sand or other absorbent material, and handled as hazardous waste. Further handling of waste – see SECTION 13. Avoid disposal in drain.

**6.4. Reference to other SECTIONS**  
See above.

**SECTION 7: Handling and storage**

**7.1. Precautions for safe handling**  
Ensure good ventilation when using the product. Avoid contact with skin and eyes.

**7.2. Conditions for safe storage, including any incompatibilities**  
Keep tightly closed in a dry, cool and well-ventilated place.

**7.3. Specific end use(s)**  
No information available.

SECTION 8: Exposure controls/personal protection				
<b>8.1. Control parameters</b>				
The following notifiable ingredients have a threshold according to limit values for substances no.1134/2011:				
CAS-no. 13463-67-7	Chemical name Titanium dioxide	Limit Values 6 mg/ m <sup>3</sup>	Anm -	Ref AT
Compliance with limit may be checked by occupational hygiene measurements.				
<b>8.2. Exposure controls</b>				
Technical precautions:	None			
Personal precautions:	Use personal protective equipment in accordance with current standards.			
Respiratory protection:	No special requirements. Gas filter mask or appropriate ventilation should be used when the product is applied in poorly ventilated room. Use respiratory equipment with gas filter, type A2.			
Skin protection:	PVC or rubber gloves are recommended. Breakthrough time not determined for the product. It is recommended to change glove if spilled on it. Gloves must conform to EN 374th			
Eye protection:	If splashes are likely to occur, wear: Safety glasses with side-shields conforming to EN 166.			
Environmental exposure controls:	Disposal and waste in accordance with regulations as mentioned in SECTION 13			

SECTION 9: Physical and chemical properties	
<b>9.1. Important Health Safety and Environmental Information</b>	
Appearance:	Grey viscous liquid/pasta
Odour:	Slight odour
pH:	8,5 – 9,5
Relative density:	1,4 kg/L
<b>9.2. Other information</b>	
Not relevant.	

SECTION 10: Stability and reactivity	
<b>10.1. Reactivity</b>	
Stable under normal use.	
<b>10.2. Chemical stability</b>	
Stable under recommended storage conditions.	
<b>10.3. Possibility of hazardous reactions</b>	
None known	
<b>10.4. Conditions to avoid</b>	
Prevent frost and high temperatures.	
<b>10.5. Incompatible materials</b>	
None known.	
<b>10.6. Hazardous decomposition products</b>	
When heated toxic vapors / gases may occur.	

SECTION 11: Toxicological information	
<b>11.1. Information on toxicological effects</b>	
Inhalation:	Working in small poorly ventilated room, inhaling fumes from the product irritate the respiratory system and it may cause discomfort in dizziness and nausea.
Skin contact:	Repeated or prolonged contact can cause skin irritation and eczema (allergic).
Eye contact:	May cause eye irritation.
Ingestion:	Effects due to ingestion may include nausea and vomiting.
Long term effects:	None known

SECTION 12: Ecological information	
<b>12.1. Toxicity</b>	
No information available.	
<b>12.2. Persistence and degradability</b>	
The product is not readily degradable.	
<b>12.3. Bioaccumulative potential</b>	
No information available.	
<b>12.4. Mobility in soil</b>	
No information available.	
<b>12.5. Results of PBT and vPvB-assessment</b>	
The substance are not PBT/vPvB according to criteria in REACH Annex XIII.	
<b>12.6. Other adverse effects</b>	
None known.	

SECTION 13: Disposal considerations	
<b>13.1. Waste treatment methods</b>	
Avoid discharge to drain. Waste must be disposed in accordance with municipal waste with the following specifications.	
Chemical waste group	H
EAK code:	08 01 12 (paint and varnish)
The product is not considered as hazardous waste. Cured material is treated as normal construction waste (waste).	

SECTION 14: Transport information	
Not classified as dangerous in the meaning of transport regulations.	
<b>14.1. UN-no.</b>	
Not relevant	
<b>14.2. UN-proper shipping name</b>	
Not relevant	
<b>14.3. Transport hazard class(es)</b>	
Not relevant	
<b>14.4. Packing group</b>	
Not relevant	
<b>14.5. Environmental hazards</b>	
Not relevant	
<b>14.6. Special precautions for users</b>	
Not relevant	
<b>14.7. Transport in bulk according to Annex II in MARPOL 73/78 and IBC-code</b>	
Not relevant	

SECTION 15: Regulatory information	
<b>15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture</b>	
Regulation (EC) no. 1907/2006(REACH) Regulation (EC) no. 1272/2008(CLP) Regulation (EC) no. 453/2010	
EMICODE® EC 1 <sup>plus</sup> very low emission	
<b>15.2. Chemical safety assessment</b>	
None CSA	

SECTION 16: Other information	
Provide adequate information, instruction and training for operators. Refer to attached safety data sheets and /or instruction for use.	
Information in this safety data sheet is based on information in our possession at the date of preparation and is reliable provided that the product is used under the prescribed conditions and in accordance with application specified on the packaging or in technical literature. Any other use of the product in combination with any other product or process is the user's responsibility.	