mira 6820 micro decor

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

1.1. Product identifier

Trade name

mira 6820 micro decor

1.2. Relevant identified uses of the substance or mixture and uses advised against

▼Relevant identified uses of the substance or mixture

Cement-based construction products

▼Uses advised against

No special

1.3. Details of the supplier of the safety data sheet

▼Company and address

mira byggeprodukter a/s
Egegårdsvej 2
4621 Gadstrup
+45 46 19 19 46
www.mira.eu.com

Contact person

-

E-mail

info@mira.eu.com

Revision

16/03/2022

SDS Version

3.0

Date of previous version

10/12/2019 (2.0)

1.4. Emergency telephone number

Contact The National Poisons Information Service (dial 111, 24 h service).
See section 4 “First aid measures”.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Not classified according to Regulation (EC) No. 1272/2008 (CLP)

2.2. Label elements

Hazard pictogram(s)

Not applicable

Signal word

Not applicable

Hazard statement(s)

Not applicable

Safety statement(s)

▼General

Keep out of reach of children. (P102)

Prevention

-

Response

-

Storage

-

▼Disposal

Dispose of contents/container to an approved waste disposal plant. (P501)

▼Hazardous substances

Cement, alumina, chemicals

Titanium dioxide

2.3. Other hazards

Additional labelling

Not applicable

▼Additional warnings

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

SECTION 3: Composition/information on ingredients

▼3.2 Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
Cement, alumina, chemicals	CAS No.: 65997-16-2 EC No.: 266-045-5 REACH: Index No.:	15-25%		
Titanium dioxide	CAS No.: 13463-67-7 EC No.: 236-675-5 REACH: 01-2119489379-17-0004 Index No.:	<1%		

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

Other information

No special

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

▼Inhalation

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

Skin contact

Upon irritation: rinse with water. In the event of continued irritation, seek medical assistance.

▼Eye contact

Upon irritation of the eye: Remove contact lenses. Flush eyes with plenty of water or salt water (20-30°C) and continue until irritation stops.

Ingestion

Provide plenty of water for the person to drink and stay with him/her. In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the victim lean forward with head down to avoid inhalation of- or choking on vomited material.

Burns

Not applicable

4.2. Most important symptoms and effects, both acute and delayed

No special

▼4.3. Indication of any immediate medical attention and special treatment needed

No special

Information to medics

Bring this safety data sheet or the label from this product.

SECTION 5: Firefighting measures

5.1. Extinguishing media

No special

▼5.2. Special hazards arising from the substance or mixture

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

5.3. Advice for firefighters

Fire fighters should wear appropriate personal protective equipment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No specific requirements

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.

6.3. Methods and material for containment and cleaning up

Collect spills carefully. Moist the material with water in order to prevent the formation and propagation of dust. To the extent possible cleaning is performed with normal cleaning agents. Avoid use of solvents.

▼6.4. Reference to other sections

See section 13 on “Disposal considerations” in regard of handling of waste.

See section 8 "Exposure controls/personal protection" for protective measures.

SECTION 7: Handling and storage

▼7.1. Precautions for safe handling

Smoking, drinking and consumption of food is not allowed in the work area.

See section 8 "Exposure controls/personal protection" for information on personal protection.

▼7.2. Conditions for safe storage, including any incompatibilities

No special conditions required.

▼Recommended storage material

Always store in containers of the same material as the original container.

▼Storage temperature

Store in a closed original container in a dry and well-ventilated place.

▼Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2

SECTION 8: Exposure controls/personal protection

▼8.1. Control parameters

—
Titanium dioxide
Long term exposure limit (8 hours) (mg/m³): 10(inhalable)/4(respirable)

—
Magnesium oxide
Long term exposure limit (8 hours) (mg/m³): 10(inhalable)/4(respirable)

▼
The Control of Substances Hazardous to Health Regulations 2002. SI 2002/2677 The Stationery Office 2002. EH40/2005 Workplace exposure limits (Fourth Edition 2020).

▼DNEL
No data available

▼PNEC
No data available

▼8.2. Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

▼General recommendations
Smoking, drinking and consumption of food is not allowed in the work area.

▼Exposure scenarios
There are no exposure scenarios implemented for this product.

▼Exposure limits
Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

▼Appropriate technical measures
Airborne gas and dust concentrations must be kept at a minimum and below current limit values (see above). Installation of a local exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure emergency eyewash and -showers are clearly marked.

▼Hygiene measures
Wash hands after use.

Measures to avoid environmental exposure
No specific requirements

Individual protection measures, such as personal protective equipment

Generally
Use only CE marked protective equipment.

▼Respiratory Equipment

Type	Class	Colour	Standards	
In case of insufficient ventilation, wear respirator with filter A2				

▼Skin protection

Recommended	Type/Category	Standards

▼Hand protection

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
Protective gloves made of eg PVC, neoprene and vinyl				

Eye protection

Type	Standards	
Safety glasses		

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form

Powder

Colour

Various colours

▼Odour

Testing not relevant or not possible due to nature of the product.

▼Odour threshold (ppm)

Testing not relevant or not possible due to nature of the product.

▼pH

Testing not relevant or not possible due to nature of the product.

▼Density (g/cm³)

1.6

▼Viscosity

Does not apply to solids.

Phase changes

▼Melting point (°C)

Testing not relevant or not possible due to nature of the product.

▼Boiling point (°C)

Does not apply to solids.

▼Vapour pressure

Testing not relevant or not possible due to nature of the product.

▼Vapour density

Does not apply to solids.

▼Decomposition temperature (°C)

Testing not relevant or not possible due to nature of the product.

▼Evaporation rate (n-butylacetate = 100)

Data on fire and explosion hazards

▼Flash point (°C)

Does not apply to solids.

▼Ignition (°C)

Testing not relevant or not possible due to nature of the product.

▼Auto flammability (°C)

Testing not relevant or not possible due to nature of the product.

▼Explosion limits (% v/v)

Does not apply to solids.

▼Explosive properties

Testing not relevant or not possible due to nature of the product.

▼Oxidizing properties

Testing not relevant or not possible due to nature of the product.

Solubility

Solubility in water

Soluble

▼n-octanol/water coefficient

Testing not relevant or not possible due to nature of the product.

▼Solubility in fat (g/L)

Testing not relevant or not possible due to nature of the product.

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available

▼10.2. Chemical stability

The product is stable under the conditions, noted in section 7 “Handling and storage”.

10.3. Possibility of hazardous reactions

No special

10.4. Conditions to avoid

No special

10.5. Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

10.6. Hazardous decomposition products

The product is not degraded when used as specified in section 1.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

▼Acute toxicity

Product/substance	White mineral oil (petroleum)
Test method	
Species	Rat
Route of exposure	Oral
Test	LD50
Result	5000.00 mg/kg
Other information	
Product/substance	White mineral oil (petroleum)
Test method	
Species	Rabbit
Route of exposure	Dermal
Test	LD50
Result	2000.00 mg/kg
Other information	
Product/substance	White mineral oil (petroleum)
Test method	

Species	Rat
Route of exposure	Inhalation
Test	LC50 (4 hours)
Result	5000.00 mg/m³
Other information	

▼Skin corrosion/irritation
Based on available data, the classification criteria are not met.
▼Serious eye damage/irritation
Based on available data, the classification criteria are not met.
▼Respiratory sensitisation
Based on available data, the classification criteria are not met.
▼Skin sensitisation
Based on available data, the classification criteria are not met.
▼Germ cell mutagenicity
Based on available data, the classification criteria are not met.
▼Carcinogenicity
Based on available data, the classification criteria are not met.
▼Reproductive toxicity
Based on available data, the classification criteria are not met.
▼STOT-single exposure
Based on available data, the classification criteria are not met.
▼STOT-repeated exposure
Based on available data, the classification criteria are not met.
▼Aspiration hazard
Based on available data, the classification criteria are not met.
Long term effects
No special
▼Other information
Titanium dioxide has been classified by IARC as a group 2B carcinogen.
Sand has been classified by IARC as a group 1 carcinogen.

SECTION 12: Ecological information

▼12.1. Toxicity

Product/substance	White mineral oil (petroleum)
Test method	
Species	Fish
Compartment	
Duration	96 hours
Test	LC50
Result	1000.00 mg/L
Other information	
Product/substance	White mineral oil (petroleum)
Test method	

Species	Algae
Compartment	
Duration	72 hours
Test	
Result	100.00 mg/L
Other information	
Product/substance	White mineral oil (petroleum)
Test method	
Species	Daphnia
Compartment	
Duration	48 hours
Test	
Result	100.00 mg/L
Other information	

▼12.2. Persistence and degradability

Product/substance	White mineral oil (petroleum)
Biodegradable	Yes
Test method	
Result	60%

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

12.6. Other adverse effects

No special

SECTION 13: Disposal considerations

▼13.1. Waste treatment methods

Product is not covered by regulations on dangerous waste.
Regulation (EU) No 1357/2014 of 18 December 2014 on waste.

▼EWC code

17 09 03	Other construction and demolition wastes (including mixed wastes) containing dangerous substances - Unhardened material
17 09 04	Mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03 - Fully hardened material

Specific labelling

Not applicable

Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

SECTION 14: Transport information

▼

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information
ADR	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Packing group

** Environmental hazards

▼Additional information

Not dangerous goods according to ADR, IATA and IMDG.

14.6. Special precautions for user

Not applicable

▼14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

No data available

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Restrictions for application

No special

▼Demands for specific education

No specific requirements

▼SEVESO - Categories / dangerous substances

Not applicable

Additional information

Not applicable

▼Sources

The Health and Safety at Work etc. Act 1974 Regulations 2013.
Regulation (EU) No 1357/2014 of 18 December 2014 on waste.
CLP Regulation (EC) No 1272/2008, as retained and amended in UK law.
EC-Regulation 1907/2006 (REACH), as amended by UK REACH Regulations SI 2019/758

15.2. Chemical safety assessment

No

▼SECTION 16: Other information

▼Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway
ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
CAS = Chemical Abstracts Service
CE = Conformité Européenne
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
CSA = Chemical Safety Assessment
CSR = Chemical Safety Report
DMEL = Derived Minimal Effect Level

DNEL = Derived No Effect Level
EINECS = European Inventory of Existing Commercial chemical Substances
ES = Exposure Scenario
EUH statement = CLP-specific Hazard statement
EWC = European Waste Catalogue
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IARC = International Agency for Research on Cancer (IARC)
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
OECD = Organisation for Economic Co-operation and Development
PBT = Persistent, Bioaccumulative and Toxic
PNEC = Predicted No Effect Concentration
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail
RRN = REACH Registration Number
SCL = A specific concentration limit.
SVHC = Substances of Very High Concern
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure
STOT-SE = Specific Target Organ Toxicity - Single Exposure
TWA = Time weighted average
UN = United Nations
UVCB = Complex hydrocarbon substance
VOC = Volatile Organic Compound
vPvB = Very Persistent and Very Bioaccumulative

▼Additional information

Not applicable

▼The safety data sheet is validated by

Reyhaneh R. Kanafi

▼Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle.
The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.
It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

▼

Country-language: GB-en