

SAFETY DATA SHEET**ipocon 7 Abformpaste Komp. A45**

Uniprox Safety data sheet according to 1907/2006/EG, Article 31

Product: ipocon 7 Abformpaste Komp. A45

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1. Identification of the substance/ Mixture and of the company/ Undertaking

Order No.: MG109

Product name: ipocon 7 Abformpaste Komp. A 45

Application of the substance/ the preparation: Material for orthoses

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2. Hazards identification**2.1 Classification of the substance or mixture**

This product is not classified hazardous in accordance with Regulation (EC) No 1272/2008.

2.2 Label elements**Labelling according to regulation (EC) No 1272/2008****Supplemental information**

EUH210 Safety data sheet available on request.

2.3 Other hazards

No special hazards have to be mentioned.

The product contains no PBT substances. The product contains no vPvB substances. This product does not contain a substance that has endocrine disrupting properties with respect to human. The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

3. Composition/information on ingredients**3.2 Chemical characterisation: Mixtures**

Description: Addition-vulcanising 2-component silicone

Dangerous components:

CAS No. 8042-47-5	White mineral oil	10-25 %
EINECS no. 232-455-8	Asp. Tox. 1, H304	
Registration no. 01-2119487078-27	Classification (Regulation (EC) No. 1272/2008)	

4. First Aid Measures

4.1 Description of first aid measures

General information:

No special measures required.

After inhalation

Ensure supply of fresh air. In the event of symptoms take medical treatment.

After skin contact

In case of contact with skin wash off with warm water. Consult a doctor if skin irritation persists.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). In case of irritation consult an oculist.

After ingestion

Do NOT induce vomiting. Summon a doctor immediately.

Adhere to personal protective measures when giving first aid

First aider: Pay attention to self-protection!

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

Until now no symptoms known so far.

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

Hints for the physician / hazards

In the case of swallowing with subsequent vomiting, aspiration of the lungs can occur which can lead to chemical pneumonia or asphyxiation.

5. Fire-fighting Measures

5.1 Extinguishing media

Suitable extinguishing agents:

Recommended: alcohol resistant foam, CO₂, powders, water spray/mist, Extinguishing measures to suit surroundings

5.2 Special hazards arising from the substance or mixture

No further relevant information available.

5.3 Advice for firefighters

Special protective equipment for fire-fighting

In case of combustion use a suitable breathing apparatus.

6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with eyes.

6.2 Environmental precautions:

Do not allow to enter sewers/ surface or ground water.

6.3 Methods and material for containment and cleaning up:

Pick up mechanically. Clean contaminated floors and objects thoroughly, observing environmental regulations.

6.4 Reference to other sections

Refer to protective measures listed in Sections 7 and 8.

7. Handling and Storage

7.1 Precautions for safe handling

Observe the usual precautions for handling chemicals. For personal protection see Section 8.

Advice on protection against fire and explosion

No special measures required.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Store product in closed containers.

Hints on storage assembly

Do not store together with foodstuffs.

Further information on storage conditions

Keep container tightly closed and dry.

8. Exposure Controls/ Personal Protection

8.1 Control parameters

Other information

Contains no substances with occupational exposure limit values.

Derived No/Minimal Effect Levels (DNEL/DMEL)

White mineral oil

Type of value	Derived No Effect Level (DNEL)
Reference group	Worker
Duration of exposure	Repeated exposure
Route of exposure	inhalative
Mode of action	Systemic effects
Concentration	164,6 mg/m ³
Type of value	Derived No Effect Level (DNEL)
Reference group	Worker
Duration of exposure	Repeated exposure
Route of exposure	dermal
Mode of action	Systemic effects
Concentration	217,1 mg/kg/d
Type of value	Derived No Effect Level (DNEL)
Reference group	Consumer
Duration of exposure	Repeated exposure
Route of exposure	inhalative
Mode of action	Systemic effects
Concentration	34,78 mg/m ³
Type of value	Derived No Effect Level (DNEL)
Reference group	Consumer
Duration of exposure	Repeated exposure
Route of exposure	dermal
Mode of action	Systemic effects
Concentration	93,02 mg/kg/d
Type of value	Derived No Effect Level (DNEL)
Reference group	Consumer
Duration of exposure	Repeated exposure
Route of exposure	oral
Mode of action	Systemic effects
Concentration	25 mg/kg/d

8.2. Exposure controls

General protective and hygiene measures

Observe the usual precautions for handling chemicals. Do not eat, drink or smoke during work time. Wash hands before breaks and after work. Avoid contact with eyes.

Respiratory protection

Not necessary.

Hand protection

Not necessary.

Eye protection

Not necessary.

Body protection

Clothing as usual in the chemical industry.

9. Physical and Chemical Properties**9.1 Information on basic physical and chemical properties**

Physical state	Kneadable
Colour	white
Odour	characteristic
Melting point	
Remarks	not determined
Freezing point	
Remarks	not determined
Boiling point or initial boiling point and boiling range	
Value	> 200 °C
Flammability evaluation	not determined
Upper and lower explosive limits	
Remarks	not determined
Flash point	
Value	> 130 °C
Method	closed cup
Auto-ignition temperature	
Remarks	not determined
Decomposition temperature	
Remarks	not determined
pH value	
Remarks	not determined
Viscosity	
Remarks	not determined
Solubility(ies)	
Remarks	not determined
Partition coefficient n-octanol/water (log value)	
Remarks	not determined
Vapour pressure	
Remarks	not determined
Density and/or relative density	Value 1,64 g/cm ³ Temperature 20 °C
Relative vapour density	
Remarks	not determined
9.2. Other information	
Odour threshold	
Remarks	not determined
Evaporation rate (ether = 1) :	
Remarks	not determined
Solubility in water	
Remarks	virtually insoluble
Explosive properties evaluation	not determined
Oxidising properties	
Remarks	not determined
Other information	None known

10. Stability and Reactivity**10.1. Reactivity**

No hazardous reactions when stored and handled according to prescribed instructions.

10.2. Chemical stability

No hazardous reactions known.

10.3. Possibility of hazardous reactions

No hazardous reactions known.

10.4. Conditions to avoid

No hazardous reactions known.

10.5. Incompatible materials

None known

11. Toxicological Information**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute oral toxicity****Remarks**

Based on available data, the classification criteria are not met.

Acute oral toxicity (Components)**White mineral oil**

Species

rat

LD50

> 5000 mg/kg

Method

OECD 401

Acute dermal toxicity**Remarks**

Based on available data, the classification criteria are not met.

Acute dermal toxicity (Components)**White mineral oil**

Species

rabbit

LD50

> 2000 mg/kg

Method

OECD 402

Acute inhalational toxicity

ATE

6,8975 mg/l

Administration/Form

Dust/Mist

Method

calculated value (Regulation (EC) No. 1272/2008)

Remarks

Based on available data, the classification criteria are not met.

Acute inhalative toxicity (Components)**White mineral oil**

Species

rat

LC50

> 5,2 mg/l

Duration of exposure

4 h

Administration/Form

Dust/Mist

Method

OECD 403

Skin corrosion/irritation**Remarks**

Based on available data, the classification criteria are not met.

Serious eye damage/irritation**Remarks**

Based on available data, the classification criteria are not met.

Sensitization

Remarks Based on available data, the classification criteria are not met.

Subacute, subchronic, chronic toxicity

Remarks not determined

Mutagenicity

Remarks Based on available data, the classification criteria are not met.

Reproductive toxicity

Remarks Based on available data, the classification criteria are not met.

Carcinogenicity

Remarks Based on available data, the classification criteria are not met.

Specific Target Organ Toxicity (STOT)

Single exposure

Remarks Based on available data, the classification criteria are not met.

Repeated exposure

Remarks Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Aspiration hazard (Components)

White mineral oil

Harmful: may cause lung damage if swallowed.

11.2. Information on other hazards

Endocrine disrupting properties with respect to humans

The product does not contain a substance that has endocrine disrupting properties with respect to humans.

Other information

No toxicological data are available.

12. Ecological Information

12.1 Toxicity

General information

not determined

Fish toxicity (Components)

White mineral oil

Species golden orfe (*Leuciscus idus*)

LC50 > 10000 mg/l

Duration of exposure 96 h

Method OECD 203

Daphnia toxicity (Components)

White mineral oil

Species *Daphnia magna*

LL50 > 100 mg/l

Duration of exposure 48 h

Method OECD 202

White mineral oil

Species *Daphnia magna*

NOEL >= 1000 mg/l

Duration of exposure 21 d Method OECD 211

Algae toxicity (Components)**White mineral oil**

Species	Pseudokirchneriella subcapitata
LOEC	≥ 100 mg/l
Duration of exposure	72 h
Method	OECD 201

12.2. Persistence and degradability**General information**

not determined

Biodegradability (Components)**White mineral oil**

Value	31 %
Duration of test	28 d
evaluation	Moderately/partially biodegradable
Method	OECD 301 F

12.3. Bioaccumulative potential**General information**

not determined

Partition coefficient n-octanol/water (log value)

Remarks	not determined
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Octanol/water partition coefficient (log Pow) (Components)**White mineral oil**

log Pow	4,3 to 18,02
Temperature	20 °C
Source	ECHA

12.4. Mobility in soil**General information**

not determined

12.5. Results of PBT and vPvB assessment**General information**

not determined

Results of PBT and vPvB assessment The product contains no PBT substances
The product contains no vPvB substances.

12.6 Endocrine disrupting properties**Endocrine disrupting properties with respect to the environment**

The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

12.7. Other adverse effects**General information**

not determined

General information / ecology

Do not discharge product unmonitored into the environment.

13. Disposal considerations**13.1. Waste treatment methods****Disposal recommendations for the product**

Must not be disposed together with household garbage.

Dispose of waste according to applicable legislation.

Disposal recommendations for packaging

Packaging that cannot be cleaned should be disposed of in agreement with the regional waste disposal company.

14. Transport Information**14.1 UN-Number**

ADR, ADN, IMDG, IATA

Void

14.2 UN proper shipping name ADR, ADN, IMDG, IATA	Void
14.3 Transport hazard class(es) ADR, ADN, IMDG, IATA	Void
14.4 Packing group ADR, IMDG, IATA	Void
14.5 Environmental hazards: Marine pollutant:	No
14.6 Special precautions for user	Not applicable.
14.7 Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable.
UN "Model Regulation":	Void

15. Regulatory Information

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

Other information

All components are contained in the TSCA inventory or exempted.

15.2. Chemical safety assessment

For this preparation a chemical safety assessment has not been carried out.

16. Other information

Hazard statements listed in Chapter 2/3

H304 May be fatal if swallowed and enters airways.

CLP categories listed in Chapter 2/3

Asp. Tox. 1 Aspiration hazard, Category 1

The information contained here in is based on the present state of our knowledge and does not therefore guarantee certain properties. Recipients of our product must take responsibility for observing existing laws and regulations.

This information refers explicit to the indicated product.

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