SAFETY DATA SHEET

ipocon 7 Abformpaste Komp. B20

Uniprox Safety data sheet according with regulation (EC) No. 1907/2006
Product: ipocon 7 Abformpaste Komp. B20 (MG109)
Date/ Revised: 02.10.2025
Document-No.: MG_109_ipocon_7_Abformpaste_Komp_B20_006_EN

---

1. Substance/preparation and company identification

Product name: ipocon 7 Abformpaste Komp. B20 (MG109)
Application of substance/ the mixture: Material for ortheses

Recommended intended purpose:

Uniprox GmbH & Co. KG
Heinrich Heine-Straße 4
D- 07937 Zeulenroda Triebes

Telefon: +49 (0) 36628-66-33 00
Telefax: +49 (0) 36628-66-33-55
E-Mail: info@uniprox.de

Emergency information: Giftzentrale Göttingen
Telefon: +49 (0)551-19240
Telefax: +49 (0)551-3831881

---

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 Mixtures

Chemical characterization

Kneadable, addition-vulcanising 2-component silicone

Hazardous ingredients

CAS No. 8042-47-5 EINECS no. 232-455-8 Registration no. 01-2119487078-27	White mineral oil Asp. Tox. 1, H304	10-25 %

EINECS no. 920-114-2 Registration no. 01-2119459347-30	Hydrocarbons, C14-C19, isoalkanes, cyclics, <2% aromatics Asp. Tox. 1 H304	1 < 10 %
CAS No. 14464-46-1 EINECS no. 238-455-4	Cristobalite STOT RE 1 H372	1 < 10 %

Additional information: For the wording of the listed risk phrases refer to section 16.

---

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. Firefighting 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

Exposure limit values

Hydrocarbons, C14-C19, isoalkanes, cyclics, <2% aromatics

List	TRGS 900
Type	AGW
Value	300 mg/m³
Short term exposure limit	600 mg/m³

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/m³
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/m³
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	beige
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 1,48 g/cm³, 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

Hydrocarbons, C14-C19, isoalkanes, cyclics, < 2% aromatics

Species	rat
LD50	5000 mg/kg
Method	OECD 401
Remarks	Test conducted with a similar formulation.

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

Hydrocarbons, C14-C19, isoalkanes, cyclics, < 2% aromatics

Species	rabbit
LD50	> 3160 mg/kg
Method	OECD 402

Acute inhalational toxicity

ATE	18,8343 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

Hydrocarbons, C14-C19, isoalkanes, cyclics, < 2% aromatics

Species	rat
LC50	> 5266 mg/m³
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.

Specific Target Organ Toxicity (STOT) (Components)

Cristobalite

Repeated exposure evaluation	Causes damage to organs through prolonged or repeated Exposure. Route of exposure inhalative

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.

Hydrocarbons, C14-C19, isoalkanes, cyclics, < 2% aromatics

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

Hydrocarbons, C14-C19, isoalkanes, cyclics, < 2% aromatics

Species	rainbow trout (Oncorhynchus mykiss)
NOELR	> 1000 mg/l
Duration of exposure	28 d
Remarks	The details of the toxic effect relate to the nominal concentration.

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

Hydrocarbons, C14-C19, isoalkanes, cyclics, < 2% aromatics

Species	Acartia tonsa
LL50	> 3193 mg/l
Duration of exposure	48 h
Remarks	The details of the toxic effect relate to the nominal concentration.

Hydrocarbons, C14-C19, isoalkanes, cyclics, < 2% aromatics

Species	Daphnia magna
NOELR	5 mg/l
Duration of exposure	21d
Remarks	The details of the toxic effect relate to the nominal concentration.

Algae toxicity (Components)

White mineral oil

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

Hydrocarbons, C14-C19, isoalkanes, cyclics, < 2% aromatics

Species	Skeletonema costatum
EL50	> 3200 mg/l
Duration of exposure	72 h
Remarks	The details of the toxic effect relate to the nominal concentration.

Bacteria toxicity (Components)

Hydrocarbons, C14-C19, isoalkanes, cyclics, < 2% aromatics

Species	activated sludge
EC50	> 100 mg/l
Duration of exposure	3 h
Method	OECD 209

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

Hydrocarbons, C14-C19, isoalkanes, cyclics, < 2% aromatics

Value	74 %
Duration of test	28 d
evaluation	Readily biodegradable (according to OECD criteria)

12.3. Bioaccumulative potential

General information

not determined

Partition coefficient n-octanol/water (log value)

Remarks	not determined

Octanol/water partition coefficient (log Pow) (Components)

White mineral oil

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

Hydrocarbons, C14-C19, isoalkanes, cyclics, < 2% aromatics

log Pow	5,22 to 9,67

Temperature 20 °C

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.

H372 Causes damage to organs through prolonged or repeated exposure.

CLP categories listed in Chapter 2/3

Asp. Tox. 1 Aspiration hazard, Category 1

STOT RE 1 Specific target organ toxicity - repeated exposure, Category 1

This information refers explicit to the indicated product. In opinion of the Uniprox GmbH & Co. KG this information is right and reliable at the time of the generation. Uniprox GmbH & Co KG don’t assume an express or silent warranty concerning to it’s correctness, reliability or completeness.

Everybody who received this information is requested by the Uniprox GmbH & Co KG, to decide about suitability and completeness of these information for his special application.