



SAFETY DATA SHEET

Hawe Implant Paste

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

1.1. Product identifier

Product name Hawe Implant Paste

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

Applications Dental paste for high gloss finishing.

1.3. Details of the supplier of the safety data sheet

Supplier Kerr Italia S.r.l.
Via Passanti, 332
84018 Scafati (SA) - Italy
Tel: +39-081-850-8311
E-mail: safety@kerrhawe.com

Contact person E-mail: safety@kerrhawe.com (Mobile Phone number 08.00 – 23.00:
+39-340.1721884)

Manufacturer KERRHAWE S.A.
Via Strecce n°4
6934 Bioggio (Switzerland)
Tel: 00-800-41-050-505
E-mail: safety@kerrhawe.com

1.4. Emergency telephone number

Emergency telephone number 112 # The UK National Poisons Emergency number: +44 870 600 6266 WEB:
<http://www.toxbase.org>
CHEMTREC® Emergency Call Center. Emergency Telephone Number (for USA only)
001-800-424-9300
International and Maritime Telephone Number +1 (703) 527-3887

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to directives -
67/548/EEC, 99/45/EC & 2001/58/EC
(DSD/DPD)

Classification according to directive
1272/2008 (CLP) EUH210

Hazard The product is seen as a medical device and therefore not subject to labelling, regulation (EC) no 1272/2008 of the European Parliament and of the Council, article 1d; Medical devices as defined in Directives 90/385/EEC and 93/42/EEC, which are invasive or used in direct physical contact with the human body, and in Directive 98/79/EC.

2.2. Label elements

CLP

Hazard statements EUH210 Safety data sheet available on request.

2.3. Other hazards

Meets the criteria for vPvB No.

Meets the criteria for PBT No.

Other hazards which do not contribute to classification

No known risks.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Ingredients

Name	EC No.	CAS No.	Content	Symbol	Classification
ethanol	200-578-6	64-17-5	<1 %	F	R-11

CLP

Name	REACH No.	Content	Symbol	Classification	CAS No.
ethanol	01-21194576 10-43	<1 %	GHS02, , Danger	Flam. Liq. 2: H225	64-17-5

Section 16 contains detailed classification phrases.

SECTION 4: First aid measures

4.1. Description of first aid measures

General

Remove victim immediately from source of exposure. General first aid, rest, warmth and fresh air. Get medical attention if any discomfort continues.

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

Specific first aid treatment

No specific first aid measures noted.

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

Inhalation

Provide rest, warmth and fresh air. Get medical attention if any discomfort continues.

Ingestion

Contact physician if larger quantity has been consumed. Promptly get affected personnel to drink large volumes of water to dilute the swallowed chemical.

Skin

Wash skin with soap and water.

Eyes

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention if any discomfort continues.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Extinguishing media

Use extinguishing media appropriate for surrounding fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards

Non-flammable.

Hazardous combustion products

Fire creates: Carbon dioxide (CO₂). Carbon monoxide (CO).

5.3. Advice for firefighters

Protective measures in fire

Firefighters exposed to combustion gases/decomposition products should use a respiratory protective device.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal protection

Wear appropriate personal protective equipment - see Section 8.

6.2. Environmental precautions

6.3. Methods and material for containment and cleaning up

Spill cleanup methods

Limit spread of spilled material. Collect and reclaim or dispose in sealed containers in licensed waste. Post clean with water.

6.4. Reference to other sections

See section 13 for waste handling.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Avoid spilling, skin and eye contact.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store at ambient temperature. Keep containers tightly closed.

7.3. Specific end use(s)

Specific use(s) Contact supplier for more information.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Ingredient name	CAS no.	Reference	LT Exp 8 Hrs	ST Exp 15 Min	Date
ethanol	64-17-5	WEL.	1000/1920 ppm/mg/m ³		
aluminium oxide	1344-28-1	WEL.	10 mg/m ³		

Ingredient comments WEL = Workplace exposure limits. SK= Skin absorbance, Rep= Reproduction, Carc= Carcinogenic Senz= Sensitisers, Mut= Carcinogenic

Ventilation No particular ventilation requirements.

8.2. Exposure controls

Respirators Respiratory protection not required.

Protective gloves Hand protection not required.

Eye protection Under normal conditions of use eye protection is not required.

Other Protection Wear appropriate clothing to prevent any possibility of skin contact.

Hygienic work practices Wash at the end of each work shift and before eating, smoking and using the toilet.

DNEL No data.

PNEC No data.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance Paste.

Colour Rose.

Odour Mint.

Solubility description Partly soluble in water.

Density (g/cm³) 1,45

Temperature (°C)

pH-value, diluted solution 7,5 - 9,5

Concentration %M

10 %

9.2. Other information

Safety information Not known.

SECTION 10: Stability and reactivity

10.1. Reactivity

No reactive groups.

10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions

Hazardous polymerisation

Will not polymerise.

10.4. Conditions to avoid

Avoid heat, flames and other sources of ignition.

10.5. Incompatible materials

Materials to avoid

No information.

10.6. Hazardous decomposition products

Hazardous decomp. products

No hazardous decomposition products are emitted at recommended use and storage conditions.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Sensitization

No allergic reaction is known.

Genotoxicity

No known heritable or mutagenic effects.

Carcinogenicity

No evidence of carcinogenic properties.

Reproduction toxicity

No known hazardous effects on reproduction, fertility or to the unborn child.

Inhalation

No specific health warnings noted.

Ingestion

Ingestion of large amounts may cause discomfort.

Skin

May cause a mild irritation, mainly by mechanical character.

Eyes

May cause a mild irritation, mainly by mechanical character.

COMPONENT:

ethanol

Toxic dose - LD50:

7060 mg/kg (oral rat)

Toxic dose - LD50 (skin):

>20000 mg/kg (skin rabbit)

Toxic conc. - LC50:

124,7 mg/l/4h (inhalation rat)

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity

No data on possible environmental effects have been found.

12.2. Persistence and degradability

Unknown.

12.3. Bioaccumulative potential

Unknown.

12.4. Mobility in soil

Mobility

The product is insoluble in water.

12.5. Results of PBT and vPvB assessment

PTB/vPvB

Component(s) is not identified as a PBT or vPvB-substance.

12.6. Other adverse effects

No known information.

COMPONENT:

ethanol

LC 50, 96 Hrs, Fish mg/l:

13500 (Pimephales promelas)

EC 50, 48 Hrs, Daphnia, mg/l:

5400 (Daphnia magna)

IC 50, 72 Hrs, Algae, mg/l:

>10,9 (Skeletonema costatum)

Bioaccumulative potential

BCF:0,66

Partition coefficient (log Pow)

-0,32

Persistence and degradability

BOD5/COD: 0,4 - 0,8

85 % deg., 28 days, Method: OECD 301D

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General/cleaning	Product is not hazardous waste.
Disposal methods	Dispose of in accordance with Local Authority requirements.
Waste class	18 01 07 chemicals other than those mentioned in 18 01 06
Contaminated packaging	The product packaging must be disposed of in compliance with the country specific regulations.

SECTION 14: Transport information

General	No dangerous goods (ADR/RID, IMDG, IATA/ICAO)
ROAD TRANSPORT (ADR):	
14.1. UN number	
14.2. UN proper shipping name	
14.3. Transport hazard class(es)	
RAIL TRANSPORT (RID):	
SEA TRANSPORT (IMDG):	
TRANSPORT BY INLAND WATERWAYS (ADN):	
14.4. Packing group	
14.5. Environmental hazards	
Transport by inland waterways notes	Not applicable.
14.6. Special precautions for user	No particular precautions.
14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	No IBC-code for bulk transport offshore (MARPOL).

SECTION 15: Regulatory information

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

EU directives	Diagnostic medical devices, EU-directive 98/79/EC, EU-regulation 1272/2008, article 1, paragraph 5d, EU-regulation 453/2010/EC, 1907/2006/EC (REACH), 1272/2008/EC (CLP), 790/2009/EC. Transport of dangerous goods (ADR/RID, IMDG, IATA/ICAO). Workplace exposure limits.
15.2. Chemical safety assessment	
Chemical Safety Assessment	Chemical Safety Report (CSR) has not been carried out for this product.

SECTION 16: Other information

Explanations to R-phrases in section 3	R-11 Highly flammable.
Explanations to classification in section 3	H225 Highly flammable liquid and vapour.
DSD/DPD	
* Information revised since the previous version of the SDS	
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