

Safety Data Sheet

according to Regulation (EC) No. 1907/2006

Trade name: Metallex Wärmestop Lötenschutzpaste
Date of issue: 12.09.2014

KENTZLER
KASCHNER
DENTAL

01. Identification of the substance / preparation and company:

Trade name

Metallex Wärmestop Lötenschutzpaste

Article No. (REF)

21740M – 235 ml

Relevant identified uses of the substance or mixture

Industrial application – Protective paste for soldering.

Producer

Kentzler-Kaschner Dental GmbH

Street

Mühlgraben 36

Place

D – 73479 Ellwangen

Contact for technical information

Phone +49/7961/90 73 0

Telephone / Telefax / E-Mail

Phone +49/7961/90 73 0 FAX: 07961/52031 /E-Mail: info@kkd-topdent.de

Emergency contact information

Phone +49/7961/90 73 0

02. Hazardous identification

Classification of the substance or mixture

Labelling elements

Not applicable - product is not subject to classification.

R-Phrases

-

S-Phrases

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GHS Labelling

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Signal word:

-

H-Phrases

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P-Phrases

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Additional hazards for humans and environment

Not applicable.

03. Composition/information on ingredients

Chemical Characterisation

Aqueous inorganic mineral paste with stabilizers.

Hazardous components

Chemical name	CAS-No.	Content	EWG-No.	Label
Hydrochloric acid	7647-01-0	< 3 %	231-595-7	Not applicable.

04. First aid measures

After Inhalation

No measures required.

After skin contact

Wash affected skin intensively with water and soap.

After eye contact

Flush eye with water for at least 10 minutes with lids wide open. If symptoms persist consult a doctor.

After swallowing

Drink plenty of water and seek medical advice. Product is slightly alkaline.

Notes to a doctor

Treat according to recognizable symptoms.

05. Fire fighting measures

Suitable extinguishing media

Foam, dry chemical.

For safety reasons unsuitable extinguishing media

None.

Special hazards arising from the substance or preparation itself, combustion products or resulting gases

Not known.

Special Note

If possible remove stored items from the scene of fire. If this is not possible, protect container from heating by water-spray.

Special protective equipment for firefighters

Not required.

Further Information

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06. Accidental release measures

Personal precautions

Not required.

Environmental precautions

Not required.

Methods for cleaning up / taking up

Wipe up mechanically with dry cleaning rag, clean up remainders with water (slippery).

Additional Information

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07. Handling and storage

Advice on safe handling

Keep Container tightly closed to avoid exsiccation.

Advice on protection against fire and explosion

No special protective measures against fire required.

Information on storage conditions

Store at room temperature.

Storage temperature: 5-40 ° C (sensitive to frost).

Requirements for storage rooms and vessels

-

Further Information on storage conditions

-

08. Exposure controls / personal protection

Additional information about design of technical facilities

Not applicable.

Occupational exposure limits in the workplace and / or biological limit values

Occupational Exposure Limits (OEL) Germany

Not applicable.

Occupational Limits of the European Union

Not applicable.

Personal protective equipment

Respiratory Protection

Not required under normal conditions.

Hand protection

Protective gloves of all kinds - without restriction.

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Eye protection

Protective glasses / Face protection.

Body protection

Protective work clothing.

Industrial Hygiene

When using do not eat, drink or smoke. Wash hands thoroughly after work and before breaks.

09. Physical and chemical properties

Appearance: Pasty
Colour: Green
Odour: Not discoverable

Safety relevant data

Density:	1.1 g/ml	at 20 °C
Viscosity:	2000000	Brookfield RVT, 1 Upm, 20 °C Spindle 7
pH-value:	9	On delivery state
Flash point:	Not flammable	
Flammability:	13 – 15 %	Solids content

Further information

No further information

10. Stability and reactivity

Conditions to avoid

None known.

Materials to avoid

None known.

Hazardous decomposition products

None known.

11. Toxicological information

Limiting and monitoring Exposure at the workplace

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General comments

No classification according to calculation procedure. Slightly alkaline reaction.

Experience in the practice

No classification according to calculation procedure. Slightly alkaline reaction.

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12. Ecological information

Ecotoxicity

Not applicable.

Mobility

Not applicable.

Persistence and Degradability

Not applicable.

Bioaccumulative potential

Not applicable.

Result of PBT assessment

Not applicable.

Further Information

It is a predominantly inorganic substance (degradability is not affected).

13. Disposal considerations

Recommendation

Dispose off according to local regulations.

Waste code number according to European Waste Catalogue EWC

9 11 01

Uncleaned Packaging

Dispose off according to local regulations.

14. Transport information

Land Transport

ADR / RID / GGVS / GGVE

Not classified as dangerous in the meaning of transport regulations.

Sea transport

IMDG / GGVSee

Not classified as dangerous in the meaning of transport regulations.

Air transport

ICAO-TI / IATA-DGR

Not classified as dangerous in the meaning of transport regulations.

15. Regulatory information

Labelling

According to the Hazardous Substances Regulation, the product does not require to be labelled.

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National regulations

Water Hazard Class

0 – Self assesment.

Technical Instructions on Air Quality (TA Luft)

Not applicable.

16. Further information

Data sheet issuing staff

Product Development / Quality Management

Source of most essential data

Safety data sheet of the manufacturer.

GENERAL HINTS

The information contained herein is based on the present state of our knowledge and on our experiences with the product. The material safety data sheet is strictly intended for risk minimizing when handling the product. The informations characterize it exclusively with regard to safety aspects and does not represent a guarantee of the properties of the product within the meaning of our general terms and conditions. The information does not dispense the user from his duties of care with respect to the observance of present laws, regulations, and terms.