

EU SAFETY DATA SHEET

Prepared in accordance with the Regulation on Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), published in the Official Gazette dated June 23, 2017, and numbered 30105.

(Regulation (EC) No: 1907/2006 Registration, Evaluation, Authorization and Restriction of Chemicals (REACH))

DURADENT DIAMOND POLISHING PASTE

Publication date : 10.05.2025

Version :

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

1.1. Product identifier

Polishing paste

Further trade names : Duradent Polishing Paste

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

Poliermittel / polishing agent

1.3. Details of the supplier of the safety data sheet

Company name : Erk Dental Medikal Ltd Şti
Street : Tuna Mah Sanat Cad No17
Place : D.211 Bornova İzmir Türkiye
Telephone : +90 232 4582055
E-mail : info@erkdental.com
Contact person:
Internet : www.erkdental.com
Responsible Department:

1.4. Emergency telephone number:

+90 232 4582055 Erk Dental (9:00 - 18:00)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture GB CLP Regulation

This mixture is not classified as hazardous in accordance with GB CLP Regulation.

2.2. Label elements

2.3. Other hazards

No information available.

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SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Mixture of waxes, abrasive- and dye particles

Relevant ingredients

none (according to UK REACH Regulation)

SECTION 4: First aid measures

4.1. Description of first aid measures

After inhalation

Provide fresh air.

After contact with skin

IF ON SKIN: Wash with plenty of water and soap.

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water. In case of eye irritation consult an ophthalmologist.

After ingestion

Rinse mouth immediately and drink 1 glass of water. Do NOT induce vomiting.

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

No information available.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Water spray jet Carbon dioxide Extinguishing powder Foam

Co-ordinate fire-fighting measures to the fire surroundings.

Unsuitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

Non-flammable.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures General advice

No special measures are necessary.

6.2. Environmental precautions

No special environmental measures are necessary.

6.3. Methods and material for containment and cleaning up For cleaning up

Take up mechanically. Treat the recovered material as prescribed in the section on waste disposal.

6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8 Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

No special measures are necessary.

Advice on protection against fire and explosion

No special fire protection measures are necessary.

Advice on general occupational hygiene

Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat, drink, smoke, sniff.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed.

Hints on joint storage

No special measures are necessary.

7.3. Specific end use(s)

Poliermittel / polishing agent

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
8002-74-2	Paraffin wax, fume	-	2		TWA (8 h)	WEL
		-	6		STEL (15 min)	WEL

8.2. Exposure controls

Individual protection measures, such as personal protective equipment

Eye/face protection

Wear eye/face protection.

Hand protection

Suitable material:

PVC (polyvinyl chloride) NBR (Nitrile rubber)

NR (natural rubber, Natural latex)

Permeation time (maximum wear duration): 0,3 mm: 60 min. Permeation time (maximum wear duration): 0,11 mm: 10 min.

Skin protection

Use of protective clothing.

Respiratory protection

Usually no personal respirative protection necessary.

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: solid
Colour	: white
Melting point/freezing point	: 70 - 90 °C
Boiling point or initial boiling point and boiling range	: unbekannt
Flammability	: not determined
Lower explosion limits	: not determined
Upper explosion limits	: not determined
Flash point	: > 100 °C
Auto-ignition temperature	: not determined
Decomposition temperature	: not determined
pH-Value	: not determined
Viscosity / kinematic	: not applicable
Water solubility	: No
Solubility in other solvents	: not determined
Partition coefficient n-octanol/water	: not determined
Vapour pressure	: not determined
Density (at 15 °C)	: 0,9 g/cm ³
Relative vapour density	: not determined
Particle characteristics	: not determined

9.2. Other information

Information with regard to physical hazard classes

Explosive properties
The product is not: Explosive.
Oxidizing properties
The product is not: oxidising.

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

No known hazardous reactions.

10.4. Conditions to avoid

none

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

No known hazardous decomposition products.

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SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in GB CLP Regulation

Acute toxicity

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

ATEmix calculated

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

Irritation and corrosivity

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Serious eye damage/eye irritation: Based on available data, the classification criteria are not met.

Sensitising effects

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

Carcinogenic/mutagenic/toxic effects for reproduction

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.

11.2. Information on other hazards

Other information

The substance is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

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SECTION 12: Ecological information

12.1. Toxicity

Based on available data, the classification criteria are not met. The product is not: Ecotoxic.

12.2. Persistence and degradability

The product has not been tested.

12.3. Bioaccumulative potential

The product has not been tested.

12.4. Mobility in soil

The product has not been tested.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to UK REACH. The product has not been tested.

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7. Other adverse effects

No information available.

Further information

Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Dispose of waste according to applicable legislation.

List of Wastes Code - residues/unused products

070699 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; wastes not otherwise specified

Contaminated packaging

Completely emptied packages can be recycled.

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SECTION 14: Transport information

Land transport (ADR/RID)

- 14.1. UN number or ID number : No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name : No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es) : No dangerous good in sense of this transport regulation.
14.4. Packing group : No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

- 14.1. UN number or ID number : No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name : No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es) : No dangerous good in sense of this transport regulation.
14.4. Packing group : No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

- 14.1. UN number or ID number : No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name : No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es) : No dangerous good in sense of this transport regulation.
14.4. Packing group : No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)

- 14.1. UN number or ID number : No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name : No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es) : No dangerous good in sense of this transport regulation.
14.4. Packing group : No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

No information available.

14.7. Maritime transport in bulk according to IMO instruments

not applicable

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SECTION 15: Regulatory information

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

EU regulatory information

Information according to Directive 2012/18/EU (SEVESO III) : Not subject to 2012/18/EU (SEVESO III)

National regulatory information

Water hazard class (D) : 1 - slightly hazardous to water

15.2. Chemical safety assessment

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

SECTION 16: Other information

Changes

This data sheet contains changes from the previous version in section(s): 1.

Abbreviations and acronyms

CLP	: Classification, labelling and Packaging
REACH	: Registration, Evaluation and Authorization of Chemicals
GHS	: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals
UN	: United Nations
EC/EEC	: European Community/European Economic Community
EU	: European Union
CAS	: Chemical Abstracts Service
DNEL	: Derived No Effect Level
DMEL	: Derived Minimal Effect Level
PNEC	: Predicted No Effect Concentration
ATE	: Acute toxicity estimate
LC50	: Lethal concentration, 50%
LD50	: Lethal dose, 50%
LL50	: Lethal loading, 50%
EL50	: Effect loading, 50%
EC50	: Effective Concentration 50%
ErC50	: Effective Concentration 50%, growth rate
NOEC	: No Observed Effect Concentration
BCF	: Bio-concentration factor
PBT	: persistent, bioaccumulative, toxic
vPvB	: very persistent, very bioaccumulative
M-factor	: Multiplying factor
ADR	: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
RID	: Regulations concerning the international carriage of dangerous goods by rail
MARPOL	: International Convention for the Prevention of Marine Pollution from Ships
IBC	: Intermediate Bulk Container
SVHC	: Substance of Very High Concern

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For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

Further Information

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The information given in this safety data sheet is based on our current knowledge and experience and describes the product in terms of safety-related requirements. The product-related information in this Safety Data Sheet has been compiled from what is known about the individual ingredients.

This Safety Data Sheet examines the product in terms of safety requirements and does not make any guarantees regarding the product's features.

The data here is valid only when the product is used for its appropriate applications. product other are not sold in accordance with applications - in such a case its use may result in risks not mentioned in this list. Do not use for applications you are considering without consulting the manufacturer.

To the best of our abilities, we have tried to provide correct information in this Safety Data Sheet. All known hazards and information about the product have been tried to be presented to the user.

However, every product is likely to present undiscovered hazards. Our company cannot be held responsible for the consequences that may arise beyond our knowledge and control, depending on the place of use and terms of use. We strongly recommend that users read the information presented in this Safety Data Sheet carefully, understand the way of use thoroughly and make them available to authorized persons. It has been prepared and approved by expert personnel within the framework of the regulation on the Preparation of Safety Data Sheets on Hazardous Substances and Mixtures (Official Gazette 13.12.2014-29204).

PREPARED BY

Name/Surname

: VILDAN TUŇÇBİLEK

CHEMIST / CHEMICAL EVALUATION EXPERT (KDU) TUV AUSTRIA CERTIFIED

Certificate No

: -TUV AUSTURİA / 11.60.09

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