

# MATERIAL SAFETY DATA SHEET

According to ANSI Z400.1/Z129.1-2010



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## Section 1

Identification of the product:

Brand name of the product:

## Identification of the product and of the company

Polishing paste

**Polistar Diamond 1,5g and 4g**

Company identification:

**HATHO GmbH**

Freiburger Straße 18

79427 Eschbach

Germany

Emergency telephone:

phone: ++ 49-7634-5039 0

fax: ++ 49-7634-5039 20

email: [info@hatho.de](mailto:info@hatho.de)

phone: ++ 49-7634-5039 0

## Section 2

Chemical identification:

## Information on ingredients

Diamond powder ~ 15%

Cetyl alcohol ~ 5%

Sodium lauryl sulfate ~ 2% H302+H315+H318+H412

Glycerine ~ 15%

Water ~ 55%

Hazardous ingredients:

This product does not contain any hazardous ingredients.

For full text of H-phrases see section 16

## Section 3

Human hazards:

## Hazards Identification

To our knowledge, the product does not present any particular risk, under normal conditions of use.

Environmental hazards:

Incinerate in an industrial or commercial facility. Dispose of waste in a sanitary landfill. Volatile organic compounds. N/A

VOC Less H<sub>2</sub>O and exempt Solvents: N/A

Since regulations vary; consult applicable regulations or authorities before disposal. U.S. EPA Hazardous Waste Number = None (Not U.S. EPA Hazardous)

Labelling elements

Safety instructions: M016: Use respiratory protection

M004: Use eye protection



## Section 4

Skin:

Wash skin thoroughly with mild soap and water.

Eyes:

Rinse with water while holding the eyes wide open. If eye irritation persists:

Get medical advice/attention.

Inhalation:

No inhalation hazard

Ingestion:

Drink plenty of water, do not induce vomiting

## Section 5

Extinguishing media:

Water spray jet, CO<sub>2</sub>, extinguishing powder, foam.

Special hazards arising from the mixture:

Toxic pyrolysis products can form.

Advice for firefighters:

Dispose of contaminated extinguishing water and fire residues in accordance with official regulations.

## Section 6

Personal precautions, protective equipment and emergency procedures:

## Accidental Release measures

Do not attempt to take action without suitable protective equipment.

Avoid contact with skin and eyes. Avoid dust formation.

Environmental precautions:

No

Methods and material

for containment and cleaning up: Collect material and dispose of in accordance with local regulations.

<b>Section 7</b>	<b>Handling and storage</b>
Precaution for safe Handling:	Ensure good ventilation of the work station. Avoid contact with skin and eyes.
Storage conditions:	Store tightly closed in airtight Containers in a cool, dry place. Store separately from food and animal feed.
Packaging materials:	Original packaging.
<b>Section 8</b>	<b>Exposure controls/personal protection</b>
General:	Use general rules for rotation instruments.
Personal protection:	Wear light work clothes and protective gloves for prolonged use
Respiratory protection:	Avoid breathing of dust created by cutting, sanding or grinding. In case of insufficient ventilation, wear suitable respiratory equipment
Recommended monitoring procedures:	No additional information available
Air contaminants formed:	No additional information available
DNEL and PNEC:	No additional information available
No additional information available	No additional information available
Control banding:	No additional information available
Exposure controls:	Appropriate engineering controls
Appropriate engineering controls:	Ensure good ventilation of the work station.
<b>Section 9</b>	<b>Physical and Chemical Properties</b>
Appearance:	pasty
Colour:	Grey/Blue
Odour:	N/A
Melting point:	N/A
Boiling point:	N/A
Flammable limit:	130°
Relative density:	1,20g/cm <sup>3</sup>
PH value:	Not relevant
Solubility:	Not miscible with water
<b>Section 10</b>	<b>Stability and Reactivity</b>
Reactivity:	To our knowledge, the product does not present any particular risk, under normal conditions of use.
Chemical stability:	The product is stable at normal handling and storage conditions
Possibility of hazardous reactions:	No dangerous reactions known under normal conditions of use
Conditions to avoid:	High temperature
Incompatible materials:	There is no information
Hazardous decomposition products:	Hazardous decomposition products are not known.
<b>Section 11</b>	<b>Toxicological information</b>
Acute toxicity (oral):	Not classified
Acute toxicity (dermal):	Not classified
Acute toxicity (inhalation):	Not classified
Diamond paste has no harmful effects on health when used properly by qualified personnel, based on our experience and the information available to us.	
<b>Section 12</b>	<b>Ecological Information</b>
Ecotoxicity:	Not examined
mobility in soil:	Not examined
Persistence and degradability:	Easily biodegradable
bioaccumulative potential:	Not examined
Results of PBT and vPvB assessment:	Not applicable
<b>Section 13</b>	<b>Disposal Considerations</b>
Waste treatment methods:	Dispose of at a licensed site. Dispose of in accordance with relevant local

Additional information:	regulations. Empty the packaging completely prior to disposal. Reuse or recycle following decontamination.
<b>Section 14</b> Information applies to see (IMDG)	<b>Transport Information</b> Not a hazardous material as defined by transport regulations.
Road/Rail (ADR/RID)	Not applicable
Inland shipping (AND/ANDR)	Not applicable
Air (IATA, ICAO)	Not applicable
UN proper shipping name ADR, AND, IATA IMDG	Not applicable
Transport hazard classes ADR, AND, IATA IMDG Class	Not applicable Not applicable
Packaging ADR, AND, IATA, IMDG	Not applicable
<b>Section 15</b>	<b>Regulatory Information</b>
EU-Regulations:	Contains no REACH substances with Annex XVII restrictions Contains no substance on the REACH candidate list Contains no REACH Annex XIV substances Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals. Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants
National regulations:	No additional information available
Chemical Safety Assessment:	The product contains substances for which substance evaluations are not yet are required. Therefore, the mixture has not yet been subjected to a safety assessment.
<b>Section 16</b>	<b>Other Information</b>
H-statements	H302 Harmful if swallowed. H315 Causes skin irritation. H318 Causes serious eye damage. H412 Harmful to aquatic life with long lasting effects.
Training instructions:	Provide adequate information, instructions and training for users and workers.
Source & contact reference:	SDS of suppliers. ECHA (European Chemicals Agency).
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