

# Material Safety Data Sheet

Diamond Polishing Paste

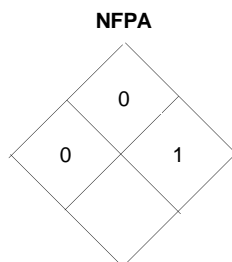
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Company Ivoclar Vivadent, Inc.  
175 Pineview Drive, Amherst NY 14228, USA

## 1 Commercial product name and supplier

1.1 Commercial product name / Designation **Diamond Polishing Paste**



HMIS	
H	0
F	0
R	1
C	

- 1.2 Application / Use Polishing paste
- 1.3 Producer Ivoclar Vivadent, Inc.  
175 Pineview Drive, Amherst NY 14228, USA
- 1.4 Supplier Ivoclar Vivadent, Inc.  
175 Pineview Drive, Amherst NY 14228, USA  
2785 Skymark Ave., Unit 1 Mississauga, ON L4W4Y3, Canada  
MSDS prepared by Andejeet Gulati. Tel. No. 716 691-0010
- 1.5 24 Hour Emergency Assistance Emergency-Call USA- Infotrac: 1-800-535-5053  
Emergency-Call Canada - Canutec: 1-613-996-6666  
General MSDS Assistance US: 1-800-533-6825  
Canada: 1-800-263-8182

## 2 Composition

- 2.1 Chemical characterization
- 2.2 Hazardous components  
CAS No. 111-46-6 15 - 40 % Diethylene glycol  
Xn: Harmful. R22: Harmful if swallowed.
- 2.3 Further information None.

3 **Hazards identification** Direct contact may cause eye irritation.

## 4 First aid measures

- 4.1 Eye contact Flush eyes with plenty of water (10-15 min.). Call a physician.
- 4.2 Skin contact Wash thoroughly with soap and water.
- 4.3 Ingestion Give large amounts of water.

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4.4 Inhalation Take into fresh air.

4.5 Further information None.

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## 5 Fire-fighting measures

5.1 Suitable extinguishing media Carbon dioxide, dry chemical and foam.

5.2 Extinguishing media to avoid None known

Test method:

5.3 Flash point  
Not determined

5.4 Ignition temperature  
not determined

5.5 Explosion limits  
Lower:  
Upper:  
not applicable

5.6 Further information None.

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**6 Accidental release measures** Clean up mechanically.

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## 7 Handling and storage

7.1 Handling Only adequately trained personnel should handle this product.

7.2 Industrial hygiene Usual hygienic measures are necessary.

7.3 Storage Keep containers tightly closed.

7.4 Place of storage Store in a cool, dry place.

7.5 Fire- and explosion-protection Not required.

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## 8 Exposure controls / Personal protection

8.1 Exposure controls Provide adequate local ventilation.

8.2 Exposure limit values None established.

8.3 Occupational exposure controls

8.3.1 Respiratory protection No specific requirements.

8.3.2 Hand protection Not required.

8.3.3 Eye protection Safety goggles

8.3.4 Other None.

8.4 Environmental exposure controls

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## 9 Physical and chemical properties

- 9.1 Appearance Paste
- 9.2 Colour grey or blue
- 9.3 Odour odourless
- 9.4 Change of physical state Test method:  
Boiling point 212 °F
- 9.5 Density 1.26 g/cm<sup>3</sup>
- 9.6 Vapour pressure  
not applicable
- 9.7 Viscosity  
not determined
- 9.8 Solubility
- 9.9 pH 7.5 - 8
- 9.10 Further information  
Part. coeff. n-octanol/water  
Evaporat. rate

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## 10 Stability and reactivity

- 10.1 Thermal decomposition None, if used in accordance to instructions.
- 10.2 Hazardous decomposition products None, if used in accordance to instructions.
- 10.3 Conditions / materials to avoid Oxidising agents.
- 10.4 Further information None.

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## 11 Toxicological information

- 11.1 Acute toxicity None.
- 11.2 Subacute / Chronic toxicity none known
- 11.3 Further information None.
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## 12 Ecological information

12.1 Ecotoxicity No data available.  
12.2 Mobility No data available.  
12.3 Persistence and degradability No data available.  
12.4 Bioaccumulative potential No data available.  
12.5 Further information No specific ecological effects.

## 13 Disposal considerations

Take to an approved landfill or a waste incineration plant, under conditions approved by the local authority.

## 14 Transport information

14.1 Transport at land ADR --- RID ---  
UN Number --- Kemler Number  
Packing Group ---  
Proper shipping name  
14.2 Transport at sea ADN --- IMDG ---  
UN Number ---  
EMS --- MFAG ---  
Packing Group ---  
Proper shipping name ---  
Marine pollutant ---  
14.3 Air transport ICAO / IATA-DGR ---  
UN Number ---  
Proper shipping name ---  
Subsidiary Risk ---  
Labels ---  
Packing Group ---  
Passenger airplane Packing Instructions ---  
max. ---  
Cargo Airplane Packing Instructions ---  
max. ---  
14.4 Further information Product is not classified as a dangerous good for transport.

## 15 Regulatory information

This product is classified as a medical device under US and Canadian regulations and has been reviewed by the US Food and Drug Administration and Health Canada.

15.1 National regulations  
15.2 NFPA Storage

