Material Safety Data Sheet

Improved Bondal Flux

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Replaces version of
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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

Improved Bondal Flux

1.2 Application / Use

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. 8009-03-8  30-60 % White petrolatum
T: Toxic. R45: May cause cancer.

2.3 Further information

3 Hazards identification

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
Induce vomiting.
Seek medical advise.
4.4 Inhalation  
Take into fresh air.

4.5 Further information

5  Fire-fighting measures

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

5.2 Extinguishing media to avoid  None known

5.3 Flash point  399 °F

5.4 Ignition temperature  not known

5.5 Explosion limits  
Lower: 
Upper:  
not known

5.6 Further information

6  Accidental release measures  
Do not allow to flow off into the drains or waters. Wash the area with soap and water.

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  
No specific requirements.

7.4 Place of storage  
Store in a well ventilated, cool, dry area.

7.5 Fire- and explosion-protection  
Keep away from heat source.

8  Exposure controls / Personal protection

8.1 Exposure controls  
Ensure adequate venting.

8.2 Exposure limit values  
None established.

8.3 Occupational exposure controls

8.3.1 Respiratory protection  
Do not breathe vapour.

8.3.2 Hand protection  
Gloves

8.3.3 Eye protection  
Safety goggles

8.3.4 Other
Environmental exposure controls

9 Physical and chemical properties

9.1 Appearance Paste
9.2 Colour blue
9.3 Odour odourless
9.4 Change of physical state Test method:
   Boiling point
   131 °F
   644 °F
9.5 Density not determined
9.6 Vapour pressure < 1 mbar
9.7 Viscosity
   not determined
9.8 Solubility
   ---
9.9 pH
   not known
9.10 Further information
   Part. coeff. n-octanol/water
   Evaporat. rate

10 Stability and reactivity

10.1 Thermal decomposition None, if used in accordance to instructions.
10.2 Hazardous decomposition products During thermal decomposition, toxic and irritating gases/fumes may be released.
10.3 Conditions / materials to avoid Strong oxidising agents.
10.4 Further information

11 Toxicological information

11.1 Acute toxicity No data available.
   TLV Petrolatum 5 mg/m³
11.2 Subacute / Chronic toxicity
11.3 Further information

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

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
ADNR --- 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

15.1 National regulations
15.2 NFPA Storage

15.3 Further information

16 Other information

The above mentioned data correspond to our present state of knowledge and experience. The safety data sheet serves as description of the products in regard to necessary safety measures. The indications do not have the meaning of guarantees on properties.