Material Safety Data Sheet

according to 1907/2006/EC

Date of issue: 2008-03-19 replacing issue 2007-02-12

*1. Identification of substance/preparation and company

Product details/Trade name:

Harvard Temp

Application of the substance/the preparation:
Dental cement

Manufacturer/Supplier:
Harvard Dental International GmbH
Margaretenstr. 2-4
15366 Hoppegarten, Germany
phone.: +49(0)30 99 28 978-0 / fax: +49(0)30 99 28 978-19
e-mail: info@harvard-dental-international.de

Informing department:
Quality Management: phone: +49(0)30 99 28 978-0

2. Hazard identification

Hazard designation:

Information pertaining to particular dangers for man and environment
Irritating to eyes, respiratory system and skin
May cause long-term adverse effects in the aquatic environment

Classification system
The classification was made according to current EC-lists. It is expanded by information from suppliers companies and technical literature data.

3. Composition/Data on components

Chemical characterisation:

- Description: Composition of zinc oxide, organic acids and methacrylates

- Hazardous components:

Name	CAS	Index-No	Hazard symbol
Methacrylates	-	607-134-00-4	Xi R36/37/38
Zinc oxide	1314-13-2	-	N R50/53

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4. First aid measures

General information:

- **After skin contact:** Wash with soap and plenty of water
- **After eye contact:** Rinse opened eye with running water for several minutes, seek medical attention
- **After swallowing:** Seek advice of doctor immediately

5. Fire fighting measures

Suitable extinguishing agents: Carbon dioxide (CO_2), water

Protective equipment: No special measures required

6. Accidental release measures

Person-related safety precautions: No special measures required

Measures for environmental protection: Prevent material from reaching sewage systems

Measures for cleaning/collecting: Pick up with tissues
Dispose contamined material according to item 13

7. Handling and storage

The product may only be used by dentists, dental technicians and on their instruction

Handling:

- **Information for safe handling:** No special measures required
- **Information about protection against explosions and fires:** No special measures required

Storage:

- Requirements to be met by storerooms: No special requirements

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8. Exposure controls and personal protection

Components with limit values that require monitoring at the workplace:
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace
Personal protective equipment:
- **General protective and hygienic measures:**
Follow usual precautions recommended for handling chemicals
Do not store together with food
Wash hands before breaks and at the end of work
- **Breathing equipment:** Not required
- **Protection of hands:** Gloves
- **Eye protection:** Not required
- **Body protection:** Light weight protective clothing

9. Physical and chemical properties

Form:	Paste
Colour:	White-yellowish
Odour:	Odourless
pH-value:	Not applicable
Boiling point/Boiling range:	Not applicable
Melting point/Melting range:	Not applicable
Flashpoint:	Not determined
Auto igniting:	Not determined
Danger of explosion:	Not explosive
Density (20 °C/68°F):	1,7 g/cm^3
Solubility in/Miscibility with:	Slightly soluble in toluene or organic solvents
Solubility in water:	Not soluble

10. Stability and reactivity

Conditions to be avoided: No decomposition when used properly
Avoid heat and fire. No contact with strong oxidants
Hazardous reactions: No hazardous reactions, when used as directed
Hazardous products of decomposition: Not known

11. Toxicological information

Acute toxicity:
Primary irritant effects:
- **on swallowing:** Not observed
- **on the skin:** Slightly irritant
- **on the eye:** Irritant
- **Inhalation:** Not observed
- **Sensitization:** Not observed

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us

12. Ecological information

General notes:
The product is practically not soluble in water
Water Hazard Class: 2 - hazardous for water (self-assessment)
Do not allow product to reach ground water, water course or sewage system

13. Disposal considerations

Product:
- Recommendation: Must not be disposed of together with household garbage
Uncleaned packaging:
- Recommendation: Dispose according to local regulations

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14. Transport information

Land transport ADR/RID:
Maritime transport IMDG/GGV Sea:
Air transport IATA-DGR:
The product is not subject to any of the transportation regulations

15. Regulatory information

Designation according to EC-Directives:
The product has been classified in accordance with EC-Directives/Ordinance on Hazardous Materials (GefStoffV)
Code letter and hazard designation of product:
Xi Irritant
N Dangerous for the environment
Risk phrases:
R36/37/38 Irritating to eyes, respiratory system and skin
R50/53 Very toxic to aquatic organism, may cause long-term adverse effects in the aquatic environment

16. Other information

These data are based on the present state of our knowledge. However, they shall not constitute a warranty for any specific product feature and shall not establish a legally valid contractual relationship.

* Data altered compared to the previous version