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Alloys
Attachments
Implants
Restorative Systems

MATERIAL SAFETY DATA SHEET

Product Name: Stern Lock Cement – Base

Date: 6/03/2000

1. Product and Company Identification

Product Name: **Stern Lock Cement – Base**

SUPPLIER: Sterngold
23 Frank Mossberg Drive
Attleboro, MA 02703 USA
Phone: 508-226-5660
Fax: 508-226-7528

2. Composition/Information on Components:

<u>Composition</u>	<u>CAS no.</u>	<u>Level%</u>	<u>Classification</u>
Bisphenol diglycidylmethacrylate	1565-94-2	8-30	Xi – R36/38-43
Tiethyleneglycol dimethacrylate	109-16-0	5-10	Xi-R36/38-43
(glass filler)	65997-18-4	60-69	

3. Hazard Identification

Main Hazards
Health Hazards: Irritates the eyes. May cause allergic reaction on skin

4. First Aid Measures

Inhalation: Does not require first aid measures
Skin Contact: Wash with soap and water
Eye Contact: Flush with running water for at least 15 minutes while keeping eye lids open, seek medical attention
Ingestion: Drink two glasses of water or milk. Call a physician if a substantial amount has been ingested.

5. Fire-Fighting Measures:

Extinguishing Media
Appropriate: Dry Chemical powder, foam or carbon dioxide
Particular risks resulting from exposure: Upon combustion irritating gases may form

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6. Accidental Release Measures

Methods for cleaning up: Wipe with damp paper towels; discard properly

7. Handling and Storage

Handling

This product is used exclusively for dental purposes by trained professionals

Storage

Storage conditions: Store in ventilated, dry, cool ($\leq 22^{\circ}\text{C}$) place.

8. Exposure Control/Personal Protection

Eye Protection: Use protective glasses

Skin Protection: Use protective gloves

9. Physical and Chemical Properties

Appearance

Physical: Viscous paste

Color: Tooth colored

Odor: Slight acrylic odor

Solubility: Insoluble

pH: Not applicable

Boiling point: Not applicable

Melting point: Not applicable

Flash point: $> 38^{\circ}\text{C}$

Self ignition: Not determined

Explosion limits in air: Not determined

Vapor pressure @ 20°C : Not determined

Density g/cc: >1

Vapor density (air=1): Not applicable

Volatile organic compounds: None

Evaporation rate: Not applicable

10. Stability and Reactivity

Stability: Avoid high temperature ($>40^{\circ}\text{C}$)

11. Toxicological Information

Eye contact: The product as well as fumes from the product irritates the eyes

Skin contact: May irritate the skin especially of persons with sensitive skin

Sensitization: May cause allergic reaction on contact with the skin

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12. Ecological Information

13. Disposal Considerations

Note: The user's attention is drawn on the possible existence of specific legislative, regulatory, and administrative dispositions related to its elimination; these regulations may be applicable either in the European Community or be national or local.

14. Transport Information

Note: The regulatory instructions cited above are those in force at the time of printing. However, one must always consider an eventual evolution of the rules related to the transport of hazardous materials, and thus, should the MSDS in your possession be older than 1 year, it is recommended to have its validity checked by your commercial agent.

15. Regulatory Information

Regulations in the community

EC labeling: compulsory labeling of hazardous preparations (self-classification): CONCERNED

Identification of the hazardous product: contains bisphenol diglycidylmethacrylate, triethyleneglycol dimethacrylate.

Hazard indications: Xi-irritant

“R” phases: R36/38: Irritating to eyes and skin
R43: May cause sensitization by skin contact

“S” phases: S37/39: Wear suitable gloves and eye/face protection

Note: The regulatory information gathered in this paragraph only recall the main prescriptions specifically applicable to the other product for which this MSDS is prepared. The basic EC texts referred to are always updated and transferred to the national right. It is advised to consult any international, national or local regulations likely to be applied. User's attention is drawn on the fact that other complementary regulations might also be applicable.

16. Other Information

Warning to Users:

This data sheet completes the technical notices but does not supercede them. The information contained in it is grounded on the statement of our knowledge of the product concerned at the publishing date

Moreover, user's attention should be drawn on the possible risks incurred when a product is used for other purposes than those for which it has been designed. It does not stop in any case the user from knowing and following the whole regulatory texts related to his activity. He will be the sole responsible of the precautions related to the product he knows.

The aim of the whole regulatory prescriptions mentioned is to help the receiver to fulfill his duties when using a hazardous product. This list must not be considered as exhaustive. It does not stop the user from making sure that he complies with the written obligations other than those previously cited and which rule the fact of keeping and using the product for which he is the sole responsible person.