

Material Safety Data Sheet
MirrorImage
 according to (EC) No. 1907/2006

1. Product/Company Identification

Trade Name:	MIRRORIMAGE
Date of Issue:	09.20.2013
Product Description:	Temporary Crown & Bridge Material
Company Name	COSMEDENT, Inc 401 N Michigan Ave. Ste. 2500 Chicago, IL 60611 USA
Emergency information:	Mary OMalley 312-644-9586 or 312-720-0701 mary@cosmedent.com

2. Hazards identification

Risk identification:

Special risks for human beings and environment:

Classification: Classification corresponds to actual EC guidelines, however completed with details from technical literature and company data.

3. Composition/Information on Ingredients

Chemical characterization: Mixture of polyfunctional acrylates and methacrylates, unsaturated esters and malonyl urea derivatives.

Description:

Hazardous components:

<u>CAS-No.:</u>	<u>Name</u>	<u>R-classification</u>
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4. First-aid measures

General information:

after skin contact: Wash with plenty of water and soap.

after eye contact: Rinse with plenty of water and consult a physician.

after swallowing: If swallowed do not induce vomiting. Seek medical advice.

5. Fire fighting measures

Extinguishing media: CO₂, water.

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6. Accidental release measures**Personal precautions:****Environmental precautions:****Methods for cleaning up:** Wipe out with absorbent material.**7. Handling and storage****Handling:**

This product should only be supplied or handled to dentists, dental technicians or upon their instructions.

Handling procedures:

None if proper stored or used.

Recommendation for fire and explosion protection:
storage:

Dry place, room temperature, store away from food stuffs.

Requirements for storage with other products:

Store away from food stuffs.

Storage classification:**8. Exposure controls/personal protection****Additional information for technical plants:****Components with limits of values to be supervised at the workplace:**

CAS-No.	Name	%	art	value	unit
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The product contains no relevant quantities of components with limits of values to be supervised at the workplace.

Additional information:**Personal protective equipment:** not necessary.**General measures of protection and hygiene:** normal hygienic measures.**respiration:** not necessary.**hands:** wear gloves.**eyes:** not necessary.

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9. Physical and chemical properties

Appearance

Form:	Paste
Color:	Different (tooth coloured).
Odor:	Nearly odourless.

Value	Unit	Method
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Information on change in the physical state

Melting point/melting range:	N.a.
Boiling point/boiling range:	N.a.
Flash point:	Not determined.
Autoignition temperature:	Not determined.
Danger of explosion:	None
Density:	1.50 (20°C) g/cm ³
Vapour pressure:	Negligible.
Viscosity:	Pasteous.
pH:	Neutral.
Solubility in/miscibility with:	Slightly soluble in toluene, organic solvents.
Water:	Nearly insoluble.
Content of solvents:	None.
Organic solvents:	-
Water:	-
Content of solids:	N.a.

10. Stability and reactivity

Unstable, avoid heat, direct sunlight.

Incompatibility with other substances:	Peroxides, metal powders, strong oxidizers, free radical initiators.
Hazardous decomposition products:	Not known.

11. Toxicological information

Acute toxicity:	
Primary irritation:	
skin:	Non toxic, no absorption.
eye:	Irritating.
inhalation:	Non volatile.
ingestion:	Possible toxic when swallowed.
Sensitization of product:	Not observed.
Additional toxicological information:	Allergic reactions to methacrylate by chronic exposure to product are possible. During the long period of use as temporary crown and bridge material no health diseases are reported.

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12. Ecological information**General information:**

No data known.

**Classification of water endangerment
(self estimation):**

generally nonpolluting substance

13. Disposal consideration**Product:****Recommendation:**

Use proper landfill disposal or incineration in accordance with local, state and federal regulations.

14. Transport informationLand transport ADR/RID and GGVS/GGVE
(Germany)

Not classified as dangerous goods.

Sea transport IMDG

Not classified as dangerous goods.

Air transport ICAO-TI and IATA-DGR

Not classified as dangerous goods.

15. Regulatory information**Classification according to
EC-guidelines:**

No classification necessary to actual EC guidelines.

16. Other information:**Changes compared with the previous
version:**Adaptation according to REACH-regulation
(EC) No. 1907/2006

The above information is based on our present day knowledge and relates solely to the safety requirements of the product. The data do not signify any warranty with regards to products properties. However users of the product should satisfy themselves that the information given is sufficient and correct for their specific circumstances of use.