

BRUSH & SCULPT

Date of Preparation: February 1, 2012

Version: 2.0

COSMEDENT[®]**1. Product and company identification**

Name of product	Brush & Sculpt	
Distributor	COSMEDENT, Inc. 401 North Michigan Avenue Chicago, IL 60611 Phone: 1-800-621-6729 WEB cosmedent.com	
Recommended intended purpose(s)	dental use	
Hazardous Material information System		
Health: 1	Flammability: 2	Reactivity: 1

2. Hazard(s) identification

Inhalation	No vapours expected.
Eyes	Causes eye irritation.
Skin	Irritating to skin. Susceptible persons with known allergies to methacrylates and acrylates may develop allergic response.
Ingestion	If swallowed do not induce vomiting. Seek medical advice. Immediately rinse mouth.

3. Composition/information on ingredients**Hazardous ingredients**

CAS No	Chemical Name	[%weight]	OSHA PEL	ACGIH TLV
72869-86-4	Urethane dimethacrylate	30 - 40	N.E.	N.E.
1565-94-2	Bisphenol-A-Diglycidyl-Methacrylate	10 - 20	N.E.	N.E.
2082-81-7	Butanediol dimethacrylate	10 - 20	N.E.	N.E.
112945-52-5	Silicon dioxide	30 -40	N.E	N.E

This product does not contain carcinogens according to NTP, IARC, or OSHA

4. First aid measures**In case of inhalation**

Ensure of fresh air.

In case of skin contact

In case of contact with skin wash off with soap and water.
Consult a doctor if skin irritation persists.

In case of eye contact

In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.

In case of ingestion

Do not induce vomiting.
Seek medical advice immediately.
Rinse out mouth thoroughly with water.
Give plenty of water to drink in small sips.

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5. Firefighting measures

Suitable extinguishing media

Foam
Dry powder
Carbon dioxide
water mist

Extinguishing media which must not be used for safety reasons

Full water jet

Special hazards arising from the substance or mixture

Fire gas of organic material has to be classed invariably as respiratory poison.

Special protective equipment for fire-fighters

Use breathing apparatus with independent air supply (isolated).
Wear full protective clothing.

Additional information

Collect contaminated firefighting water separately, must not be discharged into the drains.

6. Accidental release measures

Personal precautions

Ensure adequate ventilation.
Use personal protective clothing.
Keep away sources of ignition.

Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

Methods for cleaning up

Send in suitable containers for recovery or disposal.
Take up with absorbent material (e.g. sand, sawdust, general-purpose binder, kieselguhr).

7. Handling and storage

Advice on safe handling

Care for thoroughly room ventilation, if necessary use in well ventilated area with local exhaust ventilation at workplace.

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking

Requirements for storage rooms and vessels

Keep in closed original container.

Advice on storage compatibility

Do not store with oxidizing agents.
Do not store together with food.

Further information on storage conditions

Store only at temperature of 30°C maximum (=86°F).
Protect from light.

8. Exposure controls/personal protection

Respiratory protection

no

Hand protection

Protective gloves

Eye protection

safety goggles

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Light protective clothing.

Hygiene measures

Clean skin thoroughly after working.

9. Physical and chemical properties

Boiling Point:	N.A	Specific Gravity at 68° F:	1,1 g/cm ³
Vapor Pressure:	N.A	Melting Point:	N.E.
Vapor Density:	N.A	Evaporation Rate:	N.A.
Solubility in Water:	Not soluble	pH	N.A
Flash Point:	N.E	LEL / UEL:	N.A / N.A
Appearance:	Milky viscous liquid	Odor:	Sweet acrylic ester

10. Stability and reactivity**Conditions to avoid**

Reactions with light.
Risk of polymerisation.
Protect from heat.

Materials to avoid

Reactions with reducing agents, heavy metals.
Reactions with peroxides.
If heating up polymerisation.

11. Toxicological information**Acute toxicity/Irritability/Sensitization**

	Value/Validation	Species	Method	Remark
Irritability skin	irritant			
Irritability eye	irritant			

Experiences made from practice

Possible sensitization in case of persons suffering from hypersensitivity.

12. Ecological information**General regulation**

Product is not allowed to be discharged into the ground water or aquatic environment.
Product is not allowed to be discharged into aquatic environment, drains or sewage treatment plants.

13. Disposal considerations**Recommendations for the product**

Small quantities can be polymerized by light and the cured solid material can be disposed of with the regular garbage. Larger quantities must be disposed of following the regulations of the local authorities.

Recommendations for packaging

Packaging that cannot be cleaned should be disposed of like the product.

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14. Transport information

ROAD AND RAIL (ADR/RID): not classified

AIR (IATA): not classified

VESSEL (IMDG): not classified

15. Regulatory information

United States (USA)

All components of this product are included on the TSCA Chemical Inventory or are not required to be listed on the TSCA Chemical Inventory.

Classification according to 67/548/EEC or 1999/45/EC

Xi; R36/38; R52/53

R-phrases

36/38 Irritating to eyes and skin.

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

16. Other information

Further information

The information contained herein is based on the state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.