

Material Safety Data Sheet

1. Product and manufacturer identification

Product name: One-Step Obturator

Manufacturer: CMS Dental AS – Ragnagade 7
DK-2100 Copenhagen
Tel.: +45 32 57 30 00, Fax: +45 32 57 10 23

Use: For filling of prepared root canals following a prescribed heating process.

2. Composition

Obturator

	Content in %	CAS No.	Danger symbol (for pure comp.)	R-sentence (for pure comp.)
Gutta percha	15-30	-	-	-
Titanium dioxide	5-10	13463-67-7	-	-
Zinc oxide	15-25	1314-13-2	-	-
Barium sulphate	10-25	7727-43-7	-	-
Polysulfon	15-30			
Tungsten carbide	10-25	11130-73-7		
Liquid crystal polymere	2-15			
Iron oxide	0-1	1309-37-1	-	-
Irganox	1-2	6683-19-8	-	-
Renacit	0-1	135-57-9	Xi	43-53
Paraffin wax	2-8			
Aerosil	1-5	7631-86-9		

3. Hazards

Hazards: None

4. First aid

Inhalation: N/A
Skin contact: Wash with soap and water.
Eye contact: Rinse with water.
Ingestion: Not hazardous.

5. Fire & explosion

Suitable fire appliances: The product is not flammable.
Fire hazards: Avoid irritating fumes.

6. Spillage pre-cautions

Spillage in general: No specific precautions.
Individual protection: No specific precautions

7. Handling & storage

Handling: The heated gutta percha may cause local irritation to exposed skin or mucosa
Storage: Store between 0-30° C in dry conditions

8. Preventive measures

Exposure control: I/R
Individual protection: I/R

9. Physical & chemical data

Appearance: Plastic/black, Gutta percha/pink
Odour: Neutral
pH: -
Boiling point: -
Melting point: 45° C (for gutta percha)
Flame point: > 250° C
Steam pressure (mBar): -
Specific gravity: -
Solubility in water: < 1 %
Other: -

10. Reactivity data

Chemical stability: Stable
Reactivity: Gutta percha is thermoplastic; a low viscosity is reached at approx. 100° C.

11. Toxicology

Inhalation: N/A
Skin contact: No risk
Eye contact: No risk
Ingestion: No risk

12. Environmental information

Environmental information: The product does not contain substances classified as environmentally hazardous.

13. Waste

Disposed as ordinary waste

14. Transportation information

Transported as a non-hazardous product

15. Information about the use

User limitation:	Only to be used by dentists.
Special training:	The manufacture's instructions must be followed.
Marking:	N/A

16. Other information

This information was provided on: Dated 12.02.1998
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