

Date of issue: 02-07-30

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n.a. = not applicable, n.k. = not known

1. Identification of the substance/preparation and of the company/undertaking

Product details:

Trade name: **Oralloy Magicap S**

Manufacturer/Supplier:

Coltene AG

Feldwiesenstrasse 20

CH-9450 Altstätten

Switzerland

Telephone: + + 41 71 757 53 00

Fax: + + 41 71 757 53 01

Emergency information:

2. Composition / information on ingredients

Chemical characterization: Metal powder and mercury

Hazardous components:

Mercury CAS 7439-97-6 47 % T, R:23-33

Non-hazardous components (> 10 %):

Silver

Tin

Copper

3. Hazards identification

T:toxic

R:23 Toxic by inhalation

R:33 Danger of cumulative effects

4. First-aid measures

General information: —

After inhalation: Expose to air, seek medical advice immediately

After skin contact: Wash with water and soap

After eye contact: Rinse with plenty of water, seek medical advice

After swallowing Seek medical advice immediately

5. Fire-fighting measures

Extinguishing media: dry powder, carbon dioxide, sand

Unsuitable extinguishing media: water spray jet

Protective equipment: respiratory protection apparatus

6. Accidental release measures

Personal precautions: respiratory protection apparatus

Environmental precautions: Do not empty into drains. Observe local bye-laws

Methods for cleaning up: Collect mercury drops with dropper or other suitable collectors or use absorbing agent (iodized active carbon) as decontaminant.

7. Handling and storage

Handling: Follow instruction for use. The product should only be used to form dental amalgam and be supplied or handled to dentists or dental technicians or upon their instructions.

Storage: Store in a cold and dry place .

8. Exposure controls / personal protection

Mercury: MAK 0.01 ml/m³; TLV 0.05 mg/ml³

General: Do not eat, drink or smoke when handling. Avoid contact with eyes or skin.

Wear gloves.

Goggles giving full protection.

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9. Physical and chemical properties

Appearance

Form: Powder/liquid Colour: grey, metallic Odour: —

Information on change in the physical state:

Boiling point/boiling range (°C)	357 (mercury)	
Flash point (°C)	n.k.	
pH	n.a.	
Ignition temperatur	—	
Explosion hazard	—	
Explosive limits (Vol%), LEL	—	UEL —
Other information		
Relative density	13.55 (mercury)	
Solubility	insoluble	
Vapour pressure	0.0017 kPa (mercury)	
Viscosity	n.k.	

10. Stability and reactivity

If stored and handled in accordance with manufactures instruction for use no hazardous reactions are known.

11. Toxicological information

Mercury: Poison by inhalation. Human gastrointestinal tract and central nervous effects.

12. Ecological information

Do not empty into drains.

13. Disposal consideration

According to local laws.

14. Transport information

IMDG/ICA class: 8, UN-No.: 2809 (mercury)

15. Regulatory information

label: T : toxic
 R23-33: toxic by inhalation, danger of cumulative effects
 S7-44: Keep container tightly closed, if you feel unwell, seek medical advice (show the label where possible).

16 Other information

The above information is based on our present day knowledge and relates solely to the safety requirements of the product. However users of the product should satisfy themselves that the information given is sufficient and correct for their specific circumstances of use.