

SAFETY DATA SHEET



Cavex Non Gamma-2

SECTION 1: Identification of the substance/mixture and of the company/undertaking

Product identifier

Product name : Cavex Non Gamma-2

Product type : Powder.

Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Dental filling material

Details of the supplier of the safety data sheet

National contact

Cavex Holland
Fustweg 5
2031 CJ Haarlem
The Netherlands

T +31 23 530 7700 E-Mail : dental@cavex.nl

F +31 23 535 6482 Website : www.cavex.nl

National advisory body/Poison Centre/Emergency telephone number

Telephone number : +31 23 530 7700 (Office hours)

SECTION 2: Hazards identification

Classification of the substance or mixture

Product definition : Preparation

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Not classified.

Classification according to Directive 67/548/EEC [DSD]

Europe

Not classified as dangerous

Classification according to Directive 1999/45/EC [DPD]

Europe

The mixture is not classified as dangerous according to Directive 1999/45/EC and its amendments.

See Section 11 for more detailed information on health effects and symptoms.

Label elements

Europe

Risk phrases : This product is not classified according to EU legislation.

Safety phrases : This product is not classified according to EU legislation.

Supplemental label elements : Not applicable.

Other hazards

Other hazards which do not result in classification : None.

Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII : Not applicable.

Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII : Not applicable.

SECTION 3: Composition/information on ingredients

Substance/mixture : Preparation

Product/ingredient name	Identifiers	%	Classification		Type
			67/548/EEC	Regulation (EC) No. 1272/2008 [CLP]	

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs or vPvBs or have been assigned a workplace exposure limit and hence require reporting in this section.

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SECTION 4: First aid measures**Description of first aid measures**

- Eye contact** : In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.
- Inhalation** : Not applicable.
- Skin contact** : No known significant effects or critical hazards.
- Ingestion** : If potentially dangerous quantities of this material have been swallowed, call a physician immediately.
- Protection of first-aiders** : Not applicable.

Most important symptoms and effects, both acute and delayed**Potential acute health effects**

- Eye contact** : No significant irritation expected other than possible mechanical irritation.
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : Non-irritating (EU).
- Ingestion** : TD Lo Human Copper: 0.14 mg/kg.

Indication of any immediate medical attention and special treatment needed

- Notes to physician** : Not available.
- Specific treatments** : Not available.

SECTION 5: Firefighting measures**Extinguishing media**

- Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.
- Unsuitable extinguishing media** : None known.

Special hazards arising from the substance or mixture

- Hazards from the substance or mixture** : No known significant effects or critical hazards.
- Hazardous thermal decomposition products** : No known significant effects or critical hazards.

Advice for firefighters

- Special protective actions for fire-fighters** : Avoid breathing dusts, vapours or fumes from burning materials.
- Special protective equipment for fire-fighters** : No special protection is required.
- Additional information** : None.

SECTION 6: Accidental release measures**Personal precautions, protective equipment and emergency procedures**

- For non-emergency personnel** : Avoid breathing dust.
- For emergency responders** : Avoid breathing dust.
- Environmental precautions** : Avoid release to the environment.

Methods and materials for containment and cleaning up

- Small spill** : Use a shovel to transfer the material to a convenient waste disposal container.
- Large spill** : Avoid creating dusty conditions and prevent wind dispersal. Wear appropriate respiratory protection. Use a shovel to transfer the material to a convenient waste disposal container.

- Reference to other sections** : See Section 1 for emergency contact information.
See Section 8 for information on appropriate personal protective equipment.
See Section 13 for additional waste treatment information.

SECTION 7: Handling and storage

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

Precautions for safe handling

- Protective measures** : Avoid breathing dust.
- Advice on general occupational hygiene** : Avoid breathing dust.
- Conditions for safe storage, including any incompatibilities** : No specific storage is required.

SECTION 8: Exposure controls/personal protection

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

Control parameters

Occupational exposure limits

Product/ingredient name	Exposure limit values
Europe	
No exposure limit value known.	

Recommended monitoring procedures : No special measures required.

DNELs/DMELs : No DNELs/DMELs available.

PNECs : No PNECs available

Exposure controls

Appropriate engineering controls : Ventilation is normally required when handling or using this product.

Individual protection measures

Hygiene measures : Wash thoroughly after handling.

Eye/face protection : Safety glasses.

Skin protection

Hand protection : Nitrile gloves.

Body protection : Lab coat.

Other skin protection : Wash with soap and water.

Respiratory protection : Manipulate in a well-ventilated area or under an adequate fume hood.

Environmental exposure controls : Avoid release to the environment.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance

Physical state : Solid. (Powder.Tablet.)

Colour : Dark grey.

Odour : Odourless.

pH : Not applicable.

Melting point/freezing point : No results available.

Initial boiling point and boiling range : No results available.

Flash point : No results available.

Relative density : No results available.

Solubility in water : Insoluble in cold water, hot water, methanol, diethyl ether, n-octanol and acetone.

Auto-ignition temperature : No results available.

Decomposition temperature : No results available.

Viscosity : No results available.

Oxidising properties : None.

Other information : No additional information.

SECTION 10: Stability and reactivity

Reactivity : No additional information.

Chemical stability : The product is stable.

Possibility of hazardous reactions : None.

Conditions to avoid : No specific data.

Incompatible materials : No specific data.

Hazardous decomposition products : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity	: Very low toxicity to humans or animals.
Irritation/Corrosion	: Based on available data, the classification criteria are not met.
Sensitisation	: Based on available data, the classification criteria are not met.
Mutagenicity	: Based on available data, the classification criteria are not met.
Carcinogenicity	: Based on available data, the classification criteria are not met.
Reproductive toxicity	: Based on available data, the classification criteria are not met.
Teratogenicity	: Based on available data, the classification criteria are not met.

Potential acute health effects

Eye contact	: No significant irritation expected other than possible mechanical irritation.
Inhalation	: No known significant effects or critical hazards.
Skin contact	: Non-irritating (EU).
Ingestion	: TD Lo Human Copper: 0.14 mg/kg.

Potential chronic health effects	: No known significant effects or critical hazards.
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Other information	: No additional information.
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SECTION 12: Ecological information

Toxicity	: No results available.
Persistence and degradability	: No results available.
Bioaccumulative potential	: No results available.
Mobility in soil	: Not applicable.
Results of PBT and vPvB assessment	
PBT	: Not applicable.
vPvB	: Not applicable.
Other adverse effects	: Prevent leaking substances from running into the aquatic environment or the sewage system.

SECTION 13: Disposal considerations

Waste treatment methods

[Product](#)

Methods of disposal	: Use a shovel to transfer the material to a convenient waste disposal container.
Hazardous waste	: Yes.

[Packaging](#)

Methods of disposal	: Use a shovel to transfer the material to a convenient waste disposal container.
Special precautions	: Avoid breathing dust.

SECTION 14: Transport information

	ADR/RID	ADN	IMDG	IATA
UN number	Not regulated.	Not regulated.	Not regulated.	Not regulated.
UN proper shipping name	-	-	-	-
Transport hazard class (es)	Not controlled under European ADR.	Not controlled under ADN (Europe).	Not controlled under IMDG.	Not controlled under IATA.
Packing group	-	-	-	-

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II

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SECTION 14: Transport information

Environmental hazards	-	-	-	-
Additional information	-	-	-	-

Special precautions for user : No special measures are required.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code : Not available.

SECTION 15: Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

EU Regulation (EC) No. 1907/2006 (REACH)

Annex XIV - List of substances subject to authorisation

Substances of very high concern

None of the components are listed.

National regulations

Not applicable.

Chemical Safety Assessment : No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

Indicates information that has changed from previously issued version.

Abbreviations and acronyms

: ATE = Acute Toxicity Estimate
 CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
 DMEL = Derived Minimal Effect Level
 DNEL = Derived No Effect Level
 EUH statement = CLP-specific Hazard statement
 PBT = Persistent, Bioaccumulative and Toxic
 PNEC = Predicted No Effect Concentration
 RRN = REACH Registration Number
 vPvB = Very Persistent and Very Bioaccumulative

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Classification	Justification
Not classified.	

Europe

Full text of abbreviated H statements : Not applicable.

Full text of classifications [CLP/GHS] : Not applicable.

Full text of abbreviated R phrases : Not applicable.

Full text of classifications [DSD/DPD] : Not applicable.

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Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

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