

Revision date: 23.05.2018

Hexa Alginate Substitute

Product code: HAS-0001

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

1.1. Product identifier

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HAS-0001

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

Use of the substance/mixture

Medium viscosity, addition-curing, elastomeric impression material for anatomic impressions. Based on polyvinyl siloxane. For dental use.

1.3. Details of the supplier of the safety data sheet

Company name: Hexa Dental

Street: 5211 E. Washington Blvd, Suite #2-201

Place: Commerce, CA

Telephone: 626-677-0486

e-mail: info@hexadental.com

Contact person: Regulatory Affairs Manager

Internet: www.hexadental.com

Responsible Department: Regulatory Affairs

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008

This mixture is not classified as hazardous in accordance with Regulation (EC) No. 1272/2008.

2.2. Label elements

Additional advice on labelling

There is no requirement for the product to be specially labelled according to EC directives or the corresponding national laws.

2.3. Other hazards

No risks worthy of mention.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Preparation of silicone polymers and fillers with platinum-catalyst (ppm-range).

SECTION 4: First aid measures

4.1. Description of first aid measures

After inhalation

not applicable

After contact with skin

In general the product is not skin irritative.

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water. In case of troubles or persistent symptoms, consult an ophthalmologist.

After ingestion

Seek medical attention if problems persist.

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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Water fog. Foam. Carbon dioxide (CO₂).

5.3. Advice for firefighters

Co-ordinate fire-fighting measures to the fire surroundings.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Not required.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

Take up mechanically.

6.4. Reference to other sections

No release of hazardous substances.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

No special precautionary measures are necessary.

Advice on protection against fire and explosion

No special precautionary measures are necessary.

Further information on handling

No special precautionary measures are necessary.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

No special requirements.

Advice on storage compatibility

Not required.

Further information on storage conditions

No special requirements.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.2. Exposure controls

Appropriate engineering controls

not applicable

Protective and hygiene measures

The usual precautions when handling chemicals have to be obtained.

Avoid contact with skin, eyes and clothes.

Eye/face protection

Not required.

Hand protection

Single-use gloves.

Suitable material: PE (polyethylene).

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Unsuitable material: NR (Natural rubber (Caoutchouc), Natural latex).

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Skin protection

Not required.

Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state:	Paste
Colour:	Catalyst: white. Base: @0901.B09000
Odour:	odourless
pH-Value:	neutral

Changes in the physical state

Melting point:	not applicable
Initial boiling point and boiling range:	not applicable
Vapour pressure:	not applicable
Density (at 20 °C):	1,4 - 1,6 g/cm ³
Water solubility:	insoluble

SECTION 10: Stability and reactivity**10.4. Conditions to avoid**

None by intended use.

10.5. Incompatible materials

None by intended use.

10.6. Hazardous decomposition products

None by intended use.

Further information

Please pay attention to the Directions for Use.

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute toxicity**

Acute toxicity, oral LD50: > 2000 mg/kg Rat

Irritation and corrosivity

Irritant effect on the skin: Not an irritant.

Irritant effect on the eye: Not an irritant.

Sensitising effects

no danger of sensitization.

Carcinogenic/mutagenic/toxic effects for reproduction

Not applicable.

STOT-repeated exposure

Not applicable.

SECTION 12: Ecological information

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12.1. Toxicity

product has not been tested.

Further information

Do not allow to enter into surface water or drains.

1 (slightly hazardous to water (WGK 1))

Doesn't get into the sewage water as long as the process is carried out according to regulations.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Advice on disposal**

Remove according to the regulations.

Additional information:

Waste disposal number of waste from residues/unused products

070217 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of plastics, synthetic rubber and man-made fibres; waste containing silicones other than those mentioned in 07 02 16

Waste disposal number of used product

200399 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; other municipal wastes; municipal wastes not otherwise specified

Contaminated packaging

Completely emptied packings can be re-cycled.

SECTION 14: Transport information**Other applicable information**

Not a hazardous material with respect to these transportation regulations.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulatory information**

Water contaminating class (D): 1 - slightly water contaminating

SECTION 16: Other information**Changes**

Update 2018-05-17

Further Information

@N16.P0000001

@N16.P0000002

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)