

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: Gi-Mask Activator (catalyst)

Manufacturer/Supplier:

Coltène 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:

Impression material for dental laboratory

Hazardous components:

Dialkyltin dicarboxylat

2.9 %

MAK: 0.1 mg(SN)/m3

Alkyl silicates

21.8 %

MAK: 1ppm

Non-hazardous components (> 10 %):

Paraffin

3. Hazards identification

Provided that the product is used as directed, there are no known hazards.

May be harmful if swallowed

4. First-aid measures

General information:

After inhalation:

—

After skin contact:

Wash with soap

After eye contact:

Rinse immediately with plenty of water and seek medical advice

After swallowing

Seek medical advice immediately

5. Fire-fighting measures

Extinguishing media:

water spray jet, dry powder, foam, carbon dioxide, sand

Unsuitable extinguishing media:

—

Protective equipment:

—

6. Accidental release measures

Personal precautions:

No special measures required

Environmental precautions:

Observe local bye-laws

Methods for cleaning up:

Wipe off with a towel

7. Handling and storage

Handling:

Follow instruction for use. The product should only be supplied or handled to dentists or dental technicians or upon their instructions.

Storage:

Store in a dry place at 15-23 °C, water will decompose the catalyst.

8. Exposure controls / personal protection

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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Trade name: Gi-Mask Activator (catalyst)

Manufacturer/Supplier: Coltène AG, 9450 Altstätten, Switzerland

9. Physical and chemical properties**Appearance**

Form: liquid Colour: waterlike Odour: —

Information on change in the physical state:

| | |
|----------------------------------|--|
| Boiling point/boiling range (°C) | > 150 ° |
| Flash point (°C) | n.a. |
| pH | n.a. |
| Ignition temperatur | n.a. |
| Explosion hazard | n.a. |
| Explosive limits (Vol%), LEL | n.a. UEL |
| Other information | |
| Relative density | 1.0 g/l |
| Solubility | unsoluble in water, soluble in methyl ethyl ketone |
| Vapour pressure | n.a. |
| Viscosity | low viscosity |

10. Stability and reactivity

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

11. Toxicological information

LD 50 > 2000 mg/kg (rat)
Test of irritation and sensibilisation showed no reactions.

12. Ecological information

no data known.
Water decomposes the catalyst, decomposed products are no hazards to enviroment.

13. Disposal consideration

According to local laws. Small quantities may be disposed of in a domestic waste. Residue of catalyst may be mixed with basematerial to form a silicon elastomer. Silicon elastomeres can be disposed in domestic waste.

14. Transport information

UN.No. 3823.9010

15. Regulatory information

no hazard compound according to chemical law.

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.

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1. Identification of the substance/preparation and of the company/undertaking**Product details:**Trade name: **Gi-Mask (base)****Manufacturer/Supplier:**Coltène 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:** Impression material for dental laboratory

Hazardous components:

—

Non-hazardous components (> 10 %):

Organopolysiloxanes

Silicon oxide

3. Hazards identification

Provided that the product is used as directed, there are no known hazards.

4. First-aid measures**General information:****After inhalation:**

—

After skin contact:

Wash with soap

After eye contact:

Rinse immediately with plenty of water and seek medical advice

After swallowing

Seek medical advice immediately

5. Fire-fighting measures**Extinguishing media:** water spray jet, dry powder, foam, carbon dioxide, sand**Unsuitable extinguishing media:**

—

Protective equipment:

—

6. Accidental release measures**Personal precautions:**

No special measures required

Environmental precautions:

Observe local bye-laws

Methods for cleaning up:

Wipe off with a towel

7. Handling and storage**Handling:**

Follow instruction for use. The product should only be supplied or handled to dentists or dental technicians or upon their instructions.

Storage:

Store at 15-23 °C and 50 % relative air humidity.

8. Exposure controls / personal protection

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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Trade name: Gi-Mask (base)

Manufacturer/Supplier: Coltène AG, 9450 Altstätten, Switzerland

9. Physical and chemical properties**Appearance**

Form: paste

Colour: pink

Odour: —

Information on change in the physical state:

Boiling point/boiling range (°C) > 150 °

Flash point (°C) n.a.

pH n.a.

Ignition temperatur n.a.

Explosion hazard n.a.

Explosive limits (Vol%), LEL n.a. UEL

Other information

Relative density 1.1 g/l

Solubility insoluble in water, soluble in methyl ethyl ketone

Vapour pressure n.a.

Viscosity low viscosity

10. Stability and reactivity

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

11. Toxicological information

LD 50 > 2000 mg/kg (rat)

Test of irritation and sensibilisation showed no reactions.

12. Ecological information

no data known.

13. Disposal consideration

According to local laws. Small quantities may be disposed of in a domestic waste. Mixed with catalyst Rapid Liner forms a stabil elastomer.

14. Transport information

UN.No. 3823.9010

15. Regulatory information

no hazard compound according to chemical law.

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.

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1. Identification of the substance/preparation and of the company/undertaking**Product details:**Trade name: **Gi-Mask Separator****Manufacturer/Supplier:**Coltène 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:** Separation liquid for dental use

Hazardous components:

petrolether 80/110 CAS-no 8032-32-4 88.7 % F, R: 11

Non-hazardous components (> 10 %):

Paraffin

3. Hazards identification

Inflammable

S: 9,16, 23, 29, 33

MAK 1000 ppm: Ingestion causes inebriation, inhalation causes intense burning in throat and lungs

4. First-aid measures**General information:**

Concentration about 10000 ppm results in headache

After inhalation:

Expose to air, seek medical advice.

After skin contact:

Wash with water

After eye contact:

Rinse with water

After swallowing

Seek medical advice

5. Fire-fighting measures**Extinguishing media:**

water spray jet, dry powder, foam, carbon dioxide, sand

Unsuitable extinguishing media:

—

Protective equipment:

—

6. Accidental release measures**Personal precautions:**

No smoking,

Environmental precautions:

Observe local bye-laws

Methods for cleaning up:

Wipe off with a towel

7. Handling and storage**Handling:**

Follow instruction for use. The product should only be supplied or handled to dentists or dental technicians or upon their instructions.

Storage:

Keep tightly closed, cool and away from flame.

8. Exposure controls / personal protection

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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Trade name: Gi-Mask Separator

Manufacturer/Supplier: Coltène AG, 9450 Altstätten, Switzerland

9. Physical and chemical properties**Appearance**

Form: liquid

Colour: waterlike

Odour: lemon

Information on change in the physical state:

Boiling point/boiling range (°C)

> 80

Flash point (°C)

n.k.

pH

7

Ignition temperatur

> 200 °C

Explosion hazard

n.k.

Explosive limits (Vol%), LEL

1-7.5

UEL —

Other information

Relative density

0.7

Solubility

alcohols, insoluble in water

Vapour pressure

20°C/90 mm Hg

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

n.k.

12. Ecological information

n.k.

13. Disposal consideration

According to local laws

14. Transport information

n.k.

15. Regulatory information

no hazard compound according to chemical law.

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.