

**SAFETY DATA SHEET**

Cavex Instant Stone Liquid

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

**Product name** : Cavex Instant Stone Liquid  
**Other means of identification** : None.  
**Product type** : Liquid.

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

**Identified uses** : Dental impression 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** : Mixture

See Section 16 for the full text of the R phrases or H statements declared above.

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

**Label elements****Europe**

**Supplemental label elements** : None.

**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** : Mixture

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.

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

**Eye contact** : Flush with fresh water if contact with the skin or eyes occurs.  
**Inhalation** : Not applicable.  
**Skin contact** : Flush with fresh water if contact with the skin or eyes occurs.  
**Ingestion** : Rinse out mouth and then drink plenty of water.  
**Protection of first-aiders** : Not applicable.

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

**Eye contact** : No known significant effects or critical hazards.  
**Inhalation** : No known significant effects or critical hazards.

**Date of issue/Date of revision** : 3-2-2014. **Date of previous issue** : 29-10-2012. **Version** : 1.02 1/5

**SAFETY DATA SHEET**

Cavex Instant Stone Powder

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

**Product name** : Cavex Instant Stone Powder  
**Other means of identification** : None.  
**Product type** : Solid.

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

**Identified uses** : Dental impression 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** : Mixture

See Section 16 for the full text of the R phrases or H statements declared above.

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

**Label elements****Europe**

**Supplemental label elements** : None.

**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** : Mixture

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.

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

**Eye contact** : In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention if irritation develops.  
**Inhalation** : If not breathing, give artificial respiration.  
**Skin contact** : Wash contaminated skin with soap and water.  
**Ingestion** : Rinse out mouth and then drink plenty of water.  
**Protection of first-aiders** : Not applicable.

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

**Eye contact** : Hygroscopic. Contains: Calcium sulfate hemihydrate (gypsum)  
**Inhalation** : No known significant effects or critical hazards.

**Date of issue/Date of revision** : 29-10-2012. **Date of previous issue** : 29-10-2012. **Version** : 1 1/5

*Cavex Instant Stone Powder***SECTION 4: First aid measures****Skin contact** : No known significant effects or critical hazards.**Ingestion** : No known significant effects or critical hazards.**Indication of any immediate medical attention and special treatment needed****Notes to physician** : Hygroscopic.**Specific treatments** : Not applicable.**SECTION 5: Firefighting measures****Extinguishing media****Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.**Unsuitable extinguishing media** : Non-flammable.**Special hazards arising from the substance or mixture****Hazards from the substance or mixture** : None.**Hazardous thermal decomposition products** : None.**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** : Non-flammable.**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** : No special protection is required. No dangerous substances are released.**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** : 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** : Prevent formation of 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****Europe**

No exposure limit value known.

**Recommended monitoring procedures** : The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.**DNELs/DMELs** : No DNELs/DMELs available.**PNECs** : No PNECs available**Exposure controls****Date of issue/Date of revision** : 29-10-2012. **Date of previous issue** : 29-10-2012. **Version** : 1 2/5

## SECTION 8: Exposure controls/personal protection

|                                       |  |
|---------------------------------------|--|
| Appropriate engineering controls      | : The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace. |
| <u>Individual protection measures</u> |  |
| Hygiene measures                      | : Wash thoroughly after handling.  |
| Eye/face protection                   | : Safety glasses.  |
| <u>Skin protection</u>                |  |
| Hand protection                       | : Nitrile gloves.  |
| Body protection                       | : Lab coat.  |
| Other skin protection                 | : Wash with soap and water.  |
| Respiratory protection                | : Provide adequate ventilation.  |
| Environmental exposure controls       | : The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace. |

## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

|   |   |
|---|---|
| <u>Appearance</u>                       |   |
| Physical state                          | : Solid.  |
| Colour                                  | : White.  |
| Odour                                   | : Odourless.  |
| pH                                      | : No results available.   |
| Melting point/freezing point            | : No results available.   |
| Initial boiling point and boiling range | : No results available.   |
| Flash point                             | : No flammable ingredients present.   |
| 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 flammable ingredients present.   |
| Decomposition temperature               | : No results available.   |
| Viscosity                               | : No results available.   |
| Oxidising properties                    | : No oxidising ingredients present.   |
| Other information                       | : No additional information.  |

## SECTION 10: Stability and reactivity

|                                    |                              |
|------------------------------------|------------------------------|
| Reactivity                         | : No additional information. |
| Chemical stability                 | : The product is stable.     |
| Possibility of hazardous reactions | : No specific hazard.        |
| Conditions to avoid                | : None.                      |
| Incompatible materials             | : No specific data.          |
| Hazardous decomposition products   | : None.                      |

## SECTION 11: Toxicological information

### Information on toxicological effects

|                                       |   |
|---------------------------------------|---|
| <u>Acute toxicity</u>                 | : Based on available data, the classification criteria are not met. |
| <u>Irritation/Corrosion</u>           | : Based on available data, the classification criteria are not met. |
| <u>Sensitisation</u>                  | : Based on available data, the classification criteria are not met. |
| <u>Mutagenicity</u>                   | : Based on available data, the classification criteria are not met. |
| <u>Carcinogenicity</u>                | : Based on available data, the classification criteria are not met. |
| <u>Reproductive toxicity</u>          | : Based on available data, the classification criteria are not met. |
| <u>Teratogenicity</u>                 | : Based on available data, the classification criteria are not met. |
| <u>Potential acute health effects</u> |   |
| Eye contact                           | : Hygroscopic. Contains: Calcium sulfate hemihydrate (gypsum)       |

*Cavex Instant Stone Powder*

## SECTION 11: Toxicological information

**Inhalation** : No known significant effects or critical hazards.  
**Skin contact** : No known significant effects or critical hazards.  
**Ingestion** : No known significant effects or critical hazards.  
**Potential chronic health effects** : No known significant effects or critical hazards.  
**Other information** : No additional information.

## SECTION 12: Ecological information

**Toxicity** : Based on available data, the classification criteria are not met.  
**Persistence and degradability** : Based on available data, the classification criteria are not met.  
**Bioaccumulative potential** : Based on available data, the classification criteria are not met.  
**Mobility in soil** : Not available.  
**Results of PBT and vPvB assessment**  
**PBT** : Not applicable.  
**vPvB** : Not applicable.  
**Other adverse effects** : No known significant effects or critical hazards.

## SECTION 13: Disposal considerations

### Waste treatment methods

#### Product

**Methods of disposal** : Non-hazardous waste  
**Hazardous waste** : No.

#### Packaging

**Methods of disposal** : Non-hazardous waste  
**Special precautions** : Avoid breathing dust.

## SECTION 14: Transport information

|                                    | ADR/RID                            | ADN                                | IMDG                       | IATA                       |
|------------------------------------|------------------------------------|------------------------------------|----------------------------|----------------------------|
| <b>UN number</b>                   | Not regulated.                     | Not regulated.                     | Not regulated.             | Not regulated.             |
| <b>UN proper shipping name</b>     | Not applicable.                    | Not applicable.                    | Not applicable.            | Not applicable.            |
| <b>Transport hazard class (es)</b> | Not controlled under European ADR. | Not controlled under ADN (Europe). | Not controlled under IMDG. | Not controlled under IATA. |
| <b>Packing group</b>               | -                                  | -                                  | -                          | -                          |
| <b>Environmental hazards</b>       | None.                              | None.                              | None.                      | None.                      |
| <b>Additional information</b>      | Non-dangerous substance            | Non-dangerous substance            | Non-dangerous substance    | Non-dangerous substance    |

**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](#)

**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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**Date of previous issue** : 29-10-2012.

**Version** : 1

**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.

**SECTION 4: First aid measures**

**Skin contact** : No known significant effects or critical hazards.

**Ingestion** : No known significant effects or critical hazards.

**Indication of any immediate medical attention and special treatment needed**

**Notes to physician** : Not considered to be toxic to humans.

**Specific treatments** : Not applicable.

**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** : None.

**Hazardous thermal decomposition products** : No specific hazard.

**Advice for firefighters**

**Special protective actions for fire-fighters** : None.

**Special protective equipment for fire-fighters** : No special protection is required.

**Additional information** : Non-flammable.

**SECTION 6: Accidental release measures**

**Personal precautions, protective equipment and emergency procedures**

**For non-emergency personnel** : No special protection is required.

**For emergency responders** : No special protection is required.

**Environmental precautions** : No special measures required. No dangerous substances are released.

**Methods and materials for containment and cleaning up**

**Small spill** : Dry sand or other suitable absorbent.

**Large spill** : Absorb with an inert material and place in an appropriate 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** : Store in a dry place.

**Advice on general occupational hygiene** : Store in a dry place.

**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**

**Europe**

No exposure limit value known.

**Recommended monitoring procedures** : The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**DNELs/DMELs** : No DNELs/DMELs available.

**PNECs** : No PNECs available

**Exposure controls**

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Cavex Instant Stone Liquid

## SECTION 8: Exposure controls/personal protection

|                                       |                                      |
|---------------------------------------|--------------------------------------|
| Appropriate engineering controls      | : No special measures required.      |
| <u>Individual protection measures</u> |                                      |
| Hygiene measures                      | : Wash thoroughly after handling.    |
| Eye/face protection                   | : Safety glasses.                    |
| <u>Skin protection</u>                |                                      |
| Hand protection                       | : Nitrile gloves.                    |
| Body protection                       | : Lab coat.                          |
| Other skin protection                 | : Wash with soap and water.          |
| Respiratory protection                | : No special protection is required. |
| Environmental exposure controls       | : None.                              |

## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

|   |                                     |
|---|-------------------------------------|
| <u>Appearance</u>                       |                                     |
| Physical state                          | : Liquid.                           |
| Colour                                  | : Clear. Colourless.                |
| Odour                                   | : Odourless.                        |
| pH                                      | : No results available.             |
| Melting point/freezing point            | : No results available.             |
| Initial boiling point and boiling range | : No results available.             |
| Flash point                             | : No results available.             |
| Relative density                        | : 1.0 g/cm <sup>3</sup>             |
| Solubility in water                     | : Miscible in water.                |
| Auto-ignition temperature               | : No flammable ingredients present. |
| Decomposition temperature               | : No results available.             |
| Viscosity                               | : No results available.             |
| Oxidising properties                    | : No oxidising ingredients present. |
| Other information                       | : No additional information.        |

## SECTION 10: Stability and reactivity

|                                    |                              |
|------------------------------------|------------------------------|
| Reactivity                         | : No additional information. |
| Chemical stability                 | : The product is stable.     |
| Possibility of hazardous reactions | : No specific hazard.        |
| Conditions to avoid                | : None.                      |
| Incompatible materials             | : No specific data.          |
| Hazardous decomposition products   | : None.                      |

## SECTION 11: Toxicological information

### Information on toxicological effects

|                                       |   |
|---------------------------------------|---|
| <u>Acute toxicity</u>                 | : Based on available data, the classification criteria are not met. |
| <u>Irritation/Corrosion</u>           | : Based on available data, the classification criteria are not met. |
| <u>Sensitisation</u>                  | : Based on available data, the classification criteria are not met. |
| <u>Mutagenicity</u>                   | : Based on available data, the classification criteria are not met. |
| <u>Carcinogenicity</u>                | : Based on available data, the classification criteria are not met. |
| <u>Reproductive toxicity</u>          | : Based on available data, the classification criteria are not met. |
| <u>Teratogenicity</u>                 | : Based on available data, the classification criteria are not met. |
| <u>Potential acute health effects</u> |   |
| Eye contact                           | : No known significant effects or critical hazards.                 |
| Inhalation                            | : No known significant effects or critical hazards.                 |

Date of issue/Date of revision : 3-2-2014. Date of previous issue : 29-10-2012. Version : 1.02 3/5



Cavex Instant Stone Liquid

## SECTION 11: Toxicological information

- Skin contact** : No known significant effects or critical hazards.
- Ingestion** : No known significant effects or critical hazards.
- Potential chronic health effects** : No known significant effects or critical hazards.
- Other information** : No known significant effects or critical hazards.

## SECTION 12: Ecological information

- Toxicity** : Based on available data, the classification criteria are not met.
- Persistence and degradability** : Based on available data, the classification criteria are not met.
- Bioaccumulative potential** : Based on available data, the classification criteria are not met.
- Mobility in soil** : Not available.
- Results of PBT and vPvB assessment**
- PBT** : Not applicable.
- vPvB** : Not applicable.
- Other adverse effects** : No known significant effects or critical hazards.

## SECTION 13: Disposal considerations

### Waste treatment methods

#### Product

- Methods of disposal** : Absorb with an inert material and place in an appropriate waste disposal container.
- Hazardous waste** : No.

#### Packaging

- Methods of disposal** : Non-hazardous waste
- Special precautions** : None.

## SECTION 14: Transport information

|                                    | ADR/RID                            | ADN                                | IMDG                       | IATA                       |
|------------------------------------|------------------------------------|------------------------------------|----------------------------|----------------------------|
| <b>UN number</b>                   | Not regulated.                     | Not regulated.                     | Not regulated.             | Not regulated.             |
| <b>UN proper shipping name</b>     | -                                  | -                                  | -                          | -                          |
| <b>Transport hazard class (es)</b> | Not controlled under European ADR. | Not controlled under ADN (Europe). | Not controlled under IMDG. | Not controlled under IATA. |
| <b>Packing group</b>               | -                                  | -                                  | -                          | -                          |
| <b>Environmental hazards</b>       | -                                  | -                                  | -                          | -                          |
| <b>Additional information</b>      | -                                  | -                                  | -                          | -                          |

- 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](#)**Chemical Safety Assessment** : Complete.**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

**Key literature references and sources for data** : - Manufacturer's Material Safety Data Sheet.[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.**Date of printing** : 3-2-2014.**Date of issue/ Date of revision** : 3-2-2014.**Date of previous issue** : 29-10-2012.**Version** : 1.02[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.