Section 1
Identification of the substance / mixture and of the company / undertaking

1.1 Product identifier

Trade name: Colorsil®
Other means of identification: No other identifiers

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

Use of substance / preparation: Industrial.
Sealants.

1.3 Details of the supplier of the Safety Data Sheet

Manufacturer/Supplier:
Cosentino S.A.U.
Ctra. A334 Baza-Huércal Overa, km 59
04850 Cantoria (Almería) - Spain
Phone: +34 950 444 175
E-mail: info@cosentino.com
Website: www.cosentino.com

1.4 Emergency telephone number

Chemtel worldwide: +1-813-248-0585 / United States
1-800-255-3924 (toll free) / Australia: 1-300-954-583
China: 400-120-0751 / India: 000-800-100-4086
Mexico: 01-800-099-0731 / Brazil: 0-800-591-6042
Section 2
Hazards identification

2.1 Classification of the substance or mixture
Classification according to Regulation (EC) No 1272/2008

Not a hazardous substance or mixture.

2.2 Label elements
Labelling according to Regulation (EC) No 1272/2008

No labeling according to GHS required.

2.2 Other hazards

The product hydrolyses under formation of ethanol (CAS-Nr. 64-17-5). Ethanol is classified concerning both physical and health hazards. The hydrolysis rate and consequently the relevance for the hazard profile of the product is strongly dependent on the specific conditions.

Section 3
Composition / information on ingredients

3.2. Mixtures

3.2.1 Chemical characteristics
Polydimethylsiloxane and auxiliary + crosslinker

3.2.2 Hazardous ingredients

<table>
<thead>
<tr>
<th>TYPE</th>
<th>CAS No</th>
<th>EC - No</th>
<th>Material</th>
<th>CONTENT %</th>
<th>Classification according to Regulation (EC) No. 1272/2008*</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>INHA</td>
<td>64742-46-7</td>
<td>265-148-2</td>
<td>Distillates, petroleum, hydrotreated middle</td>
<td>&lt;5</td>
<td>Asp. Tox.1; H304</td>
<td>(1)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>01-2119552497-29</td>
<td></td>
<td></td>
<td>Flam.Liq.3; H226; Eye Irrit.2; H319; Skin Irrit.2; H315</td>
<td></td>
</tr>
<tr>
<td>INHA</td>
<td>128446-60-6</td>
<td></td>
<td>3-Aminopropyl (metyl) silsesquioxanes, ethoxy-terminated</td>
<td>&lt;3</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Type: INHA: ingredient, VERU: impurity

[1] = Hazardous or environmentally harmful substance;

*Classification codes are explained in section 16.

Hydrocarbon mixtures were classified in accordance with the applicable notes in Annex VI of Regulation (EC) No. 1272/2008.

This product does not contain substances of very high concern (Regulation (EC) No 1907/2006 (REACH), Article 57) in amounts above ≥ 0.1%.

Section 4
First aid measures

4.1 Description of first aid measures

General information:
In case of accident or if you feel unwell seek medical advice (show label or SDS where possible).

After contact with the eyes:
Rinse immediately with plenty of water. Seek medical advice in case of continuous irritation.

After contact with the skin:
Wipe off excess material with cloth or paper. Wash with plenty of water or water and soap. In the event of a visible skin change or other complaints, seek medical advice (show label or SDS where possible).

After inhalation:
Material cannot be inhaled under normal conditions.

After swallowing:
Give several small portions of water to drink. Do not induce vomiting.
4.2 Most important symptoms and effects, both acute and delayed

Any relevant information can be found in other parts of this section.

4.3 Indication of any immediate medical attention and special treatment needed

Further toxicology information in section 11 must be observed

Section 5
Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media:
Water mist, extinguishing powder, alcohol-resistant foam, carbon dioxide, sand, sprinkler system.

Extinguishing media which must not be used for safety reasons:
Water jet

5.2 Special hazards arising from the substance or mixture

Risk of hazardous gasses or fumes in the event of fire.
Exposure to combustion products may be a health hazard!
Hazardous combustion products: toxic and very toxic fumes.

5.3 Advice for firefighters

Special protective equipment for fire fighting:
Use respiratory protection independent of recirculated air. Keep unprotected persons away.

Section 6
Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Secure the area. Wear personal protection equipment (see section 8). Keep unprotected persons away. If material is released indicate risk of slipping. Do not walk through spilled material.

6.2 Environmental precautions

Prevent material from entering surface waters, drains or sewers and soil. Close leak if possible without risk. Retain contaminated water/extinguishing water. Dispose of in prescribed marked containers. Inform authorities if substance leaks into surface waters, sewerage or ground.

6.3 Methods and material for containment and cleaning up

Scoop up large quantities after dusting surfaces with sand or Fuller’s earth to prevent sticking. Sweep or scrape up the spilled material and place in an appropriate chemical waste container. Clean any slippery coating that remains using a detergent / soap solution or another biodegradable cleaner. Apply sand or other inert granular material to improve traction.

Further information:

6.4 Reference to other sections

Relevant information in other sections has to be considered.
This applies in particular for information given on personal protective equipment (section 8) and on disposal (section 13)

Section 7
Handling and storage

7.1 Precautions for safe handling

Precautions for safe handling
Ensure adequate ventilation. Must be syphoned off in situ. Keep away from incompatible substances in accordance with section10. Observe information in section 8.

Precautions against fire and explosion:
Product may release ethanol. Flammable vapors may accumulate and form explosive mixtures with air in containers, process vessels, including partial, empty and uncleaned containers and vessels, or other enclosed spaces. Keep away from sources of ignition and do not smoke. Take precautionary measures against electrostatic charging. Cool endangered containers with water.

7.2 Conditions for safe storage, including any incompatibilities

Conditions for storage rooms and cartridges:
Observe local/state/federal regulations.

Advice for storage of incompatible materials:
Observe local/state/federal regulations.

Further information for storage:
Store in a dry and cool place. Protect against moisture. Store container in a well ventilated place

7.3 Specific end use(s)

No data available.

No data available.
Section 8
Exposure controls / personal protection

8.1 Control parameters

Maximum airborne concentrations at the workplace:

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Material</th>
<th>Type</th>
<th>mg/m³</th>
<th>ppm</th>
<th>Dust fract.</th>
<th>Fibre/m³</th>
</tr>
</thead>
<tbody>
<tr>
<td>64-17-5</td>
<td>Ethanol</td>
<td>OEL</td>
<td>1920.0</td>
<td>1000.0</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Derived No-Effect Level (DNEL):
A limit value cannot be derived, since no health effects are observed.
Predicted No Effect Concentration (PNEC):
Not of relevance

8.2 Exposure controls

General protection and hygiene measures:
Observe standard industrial hygiene practices for the handling of chemical substances. Do not eat or drink when handling. Avoid contact with eyes and skin.

Personal protection equipment:

Respiratory protection
If inhalative exposure above the occupational exposure limit cannot be excluded, adequate respiratory protection equipment must be used. Suitable respiratory equipment: Respirator with a full face mask, according to acknowledged standards such as EN 136. Recommended Filter type: Gas filter type ABEK (certain inorganic, organic and acidic gases and vapors; ammonia/amines), according to acknowledged standards such as EN 14387.

Observe the equipment manufacturer’s information and wear time limits for respirators.

Eye protection
Recommendation: Protective goggles

Hand protection
Use of protective gloves is recommended when handling the material.

Recommended glove types: Protective gloves made of butyl rubber thickness of the material: > 0,3 mm Breakthrough time: > 480 min

Recommended glove types: Protective gloves made of nitrile rubber thickness of the material: > 0,1 mm Breakthrough time: 480 min

Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time. Note that, due to the numerous external influences (such as temperature), a chemically resistant protective glove in daily use may have a service life that is considerably shorter than the measured breakthrough time.

8.2.2 Exposure to the environment limited and controlled

Prevent material from entering surface waters, drains or sewers and soil.

8.3 Further information for system and engineering measures

Observe information in section 7. Observe national regulatory requirements.

Section 9
Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance
Form: Paste
Colour: According to product specification
Odour: Characteristic
Odour threshold: No data available
pH-value: Not determined.
Melting point/freezing point: Not applicable
Initial boiling point and boiling range: Not applicable
Flash point: Not applicable
Evaporation rate: No data available
Lower flammability or explosive limits: Not applicable
Vapour pressure: Not applicable
Solubility(ies): Not applicable
Water solubility / miscibility: Not applicable
Relative gas/vapour density: Not applicable

Density
Relative density: 1,02 (23 °C) (water / 4 °C = 1,00) (ISO 1183-1 A)
Density: 1,01 – 1,02 g/cm³ (23 °C) (ISO 1183-1 A)
Vapour density: No data known
Partition coefficient: n-octanol/water: No data known
Ignition temperature > 400 °C (EG-RL.A.15)

Viscosity
(Viscosity dynamic) not applicable
9.2 Other information

No further relevant information available

Section 10
Stability and reactivity

10.1 Reactivity

If stored and handled in accordance with standard industrial practices no hazardous reactions are known. Relevant information can possibly be found in other parts of this section.

10.4 Conditions to avoid

Moisture, heat, open flames and other sources of ignition.

10.5 Incompatible materials

Reacts with: water, basic substances and acids.
Reaction causes the formation of: ethanol.

10.6 Hazardous decomposition products

By hydrolysis: ethanol. Measurements have shown the formation of small amounts of formaldehyde at temperatures above about 150 °C (302 °F) through oxidation.

Section 11
Toxicological information

11.1 Information on toxicological effects

Data derived for the product as a whole are of higher priority than data for single ingredients.

11.1.2 Acute toxicity

Product Details

<table>
<thead>
<tr>
<th>Route of exposure</th>
<th>Result/Effect</th>
<th>Species/Test system</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oral</td>
<td>LD50: &gt;2000 mg/Kg</td>
<td>rat</td>
</tr>
</tbody>
</table>

Source
Conclusion by analogy

11.1.3 Skin corrosion/irritation

Product Details

<table>
<thead>
<tr>
<th>Result/Effect</th>
<th>Species/Test system</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>not irritating</td>
<td>rabbit</td>
<td>Conclusion by analogy</td>
</tr>
</tbody>
</table>

Assessment:
Based on the available data a clinically relevant skin irritation hazard is not expected. Temporary symptoms of an irritation cannot be excluded if the adhesive product is removed mechanically after contact.

11.1.4 Serious eye damage / eye irritation

Product Details

<table>
<thead>
<tr>
<th>Result/Effect</th>
<th>Species/Test system</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>not irritating</td>
<td>rabbit</td>
<td>Conclusion by analogy</td>
</tr>
</tbody>
</table>

Assessment:
Based on the available data a clinically relevant skin irritation hazard is not expected. Temporary symptoms of an irritation cannot be excluded if the adhesive product is removed mechanically after contact.

11.1.5 Respiratory or skin sensitization

Product Details

<table>
<thead>
<tr>
<th>Route of exposure</th>
<th>Resultado/ Efecto</th>
<th>Species/Test system</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>dermal</td>
<td>not sensitizing</td>
<td>Guinea-pig; Buehler</td>
<td>Conclusion by analogy OECD 406</td>
</tr>
</tbody>
</table>

11.1.6 Germ cell mutagenicity

Assessment:
For this endpoint no toxicological test data is available for the whole product.

11.1.7 Carcinogenicity

Assessment:
For this endpoint no toxicological test data is available for the whole product.
11.1.8 Reproductive toxicity
Assessment:
For this endpoint no toxicological test data is available for the whole product.

11.1.9 Specific target organ toxicity (single exposure)
Assessment:
For this endpoint no toxicological test data is available for the whole product.

11.1.10 Specific target organ toxicity (repeated exposure)
Assessment:
For this endpoint no toxicological test data is available for the whole product.

11.1.11 Aspiration hazard
Assessment:
For this endpoint no toxicological test data is available for the whole product.

11.1.12 Further toxicological information
Data on substances:
Product of hydrolysis (Ethanol):
Ethanol (64-17-5) is readily absorbed at all exposure routes. Ethanol may cause irritation of eyes and mucosa, trigger dysfunction of the central nervous system and cause nausea as well as dizziness. Chronic exposure to high amounts of ethanol may cause damage to liver and central nervous system.

Aliphatic and naphthenic hydrocarbons:
According to literature aliphatic hydrocarbons are slightly irritating to the skin and mucous membranes and have a skin dryness and narcotic effect. If the lungs are directly affected (e.g. by aspiration), inflammation of the lungs may occur.


tSTOT-single exposure: Based on available data, the classification criteria are not met.

STOT-repeated exposure: Causes damage to the hearing organs through prolonged or repeated exposure. Route of exposure: Inhalation.

Aspiration hazard: Based on available data, the classification criteria are not met.

Section 12
Ecological information
12.1 Toxicity
Aquatic toxicity: No further relevant information available. Assessment:
The environmental hazard classification of this material is concluded by data available for the ingredients and the leachable amount of biocide in simulation tests in water.

Based on available data no effects on aquatic organisms that are relevant for classification must be expected for the product up to its limits of water solubility.

Product Details

<table>
<thead>
<tr>
<th>Result / Effect</th>
<th>Species / Test system</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC50: &gt; 10 - &lt; 100 mg/l (calculated value)</td>
<td>Minnow (Pimephales promelas) (96 h)</td>
<td>Elution assay (CAS 13463-41-7)</td>
</tr>
<tr>
<td>ELC50: &gt; 100 mg/l (calculated value)</td>
<td>Daphnia magna (48 h)</td>
<td>Elution assay (CAS 13463-41-7)</td>
</tr>
<tr>
<td>ErC50 (growth rate): &gt; 100 mg/l (calculated value)</td>
<td>Static (water-accommodated fraction) Pseudokirchneriella subcapitata (72 h)</td>
<td>Conclusion by analogy</td>
</tr>
<tr>
<td>ErC50 (growth rate): &gt; 10 - &lt; 100 mg/l (calculated value)</td>
<td>Navicula pelliculosa (24 h)</td>
<td>Elution assay (CAS 13463-41-7)</td>
</tr>
<tr>
<td>NOEC (growth rate): &gt; 1 mg/l (calculated value)</td>
<td>Navicula pelliculosa (24 h)</td>
<td>Elution assay (CAS 13463-41-7)</td>
</tr>
<tr>
<td>NOEC (early life stage test): &gt; 1 mg/l (calculated value)</td>
<td>Rainbow trout (Oncorhynchus mykiss)</td>
<td>Elution assay (CAS 13463-41-7)</td>
</tr>
<tr>
<td>NOEC (reproduction): &gt; 1 mg/l (calculated value)</td>
<td>Daphnia magna</td>
<td>Elution assay (CAS 13463-41-7)</td>
</tr>
<tr>
<td>NOEC (reproduction): &gt; 1 mg/l (calculated value)</td>
<td></td>
<td>(CAS 13463-41-7)</td>
</tr>
</tbody>
</table>
Data on substances:
Data derived for the product as a whole are of higher priority than data for single ingredients.

1-hydroxy-2-pyridinthion-zinc salt:

<table>
<thead>
<tr>
<th>Result/Effect</th>
<th>Species/Test system</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC50: 0,0026 mg/l</td>
<td>dynamic minnow (Pimephales promelas) (96 h)</td>
<td>Elution assay (CAS 13463-41-7)</td>
</tr>
<tr>
<td>LC50: 0,4 mg/l</td>
<td>semistatic Sheepshead minnow (Cyprinodon variegatus) (96 h)</td>
<td>ECHA EPA OPP 72-3</td>
</tr>
<tr>
<td>EC50: 0,0082 mg/l</td>
<td>dynamic Daphnia magna (48 h)</td>
<td>ECHA EPA OPP 72-2</td>
</tr>
<tr>
<td>EC50: 0,0063 mg/l</td>
<td>dynamic Mysid shrimp (96 h)</td>
<td>ECHA EPA OPP 72-3</td>
</tr>
<tr>
<td>IC50 (growth rate): 0,0054 mg/l</td>
<td>static Navicula pelliculosa (96 h)</td>
<td>ECHA EPA OPP 122-2</td>
</tr>
<tr>
<td>NOEC (growth rate): 0,0024 mg/l</td>
<td>static Navicula pelliculosa (96 h) static Navicula pelliculosa (120 h)</td>
<td>ECHA EPA OPP 122-2</td>
</tr>
<tr>
<td>IC50 (growth rate): 0,0013 mg/l</td>
<td>static Marine alga (skeleonema costatum) (96 h)</td>
<td>ECHA EPA OPP 122-2</td>
</tr>
<tr>
<td>NOEC (growth rate): 0,00046 mg/l</td>
<td>static Marine alga (skeleonema costatum) (120 h)</td>
<td>ECHA EPA OPP 122-2</td>
</tr>
<tr>
<td>EC50: 2,4 mg/l</td>
<td>static sludge (3 h)</td>
<td>ECHA OECD 209</td>
</tr>
<tr>
<td>NOEC (early life stage test): 0,00122 mg/l</td>
<td>dynamic minnow (Pimephales promelas) (28 d)</td>
<td>ECHA EPA OPP 72-4</td>
</tr>
<tr>
<td>NOEC (reproduction): 0,0027 mg/l</td>
<td>dynamic Daphnia magna (21 d)</td>
<td>ECHA EPA OPP</td>
</tr>
<tr>
<td>NOEC: 0,0023 mg/l</td>
<td>static dynamic Mysid shrimp (28 d)</td>
<td>ECHA EPA OPP 72-4</td>
</tr>
</tbody>
</table>

12.2 Persistence and degradability

Assessment:
Silicone content: biologically not degradable. Separation by sedimentation.

Data on substances:
Product of hydrolysis (Ethanol): Ethanol is readily biodegradable.

1-hydroxy-2-pyridinthion-zinc salt:

Biodegradation

<table>
<thead>
<tr>
<th>Result</th>
<th>Test system/Method</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>39 % / 28 d</td>
<td>CO2 formation</td>
<td>ECHA OECD 301B</td>
</tr>
</tbody>
</table>

Hydrolysis

<table>
<thead>
<tr>
<th>Result</th>
<th>Test system/Method</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>Half-life: 13 min Degradation by photolysis</td>
<td>pH 9</td>
<td>ECHA</td>
</tr>
</tbody>
</table>

12.3 Bioaccumulative potential

Assessment:
Polymer component: Bioaccumulation is not expected to occur.

Data on substances
1-hydroxy-2-pyridinthion-zinc salt:

Hydrolysis

<table>
<thead>
<tr>
<th>Result</th>
<th>Test system/Method</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bioconcentration factor (BCF): &lt; 50</td>
<td>carp (Cyprinus carpio) (56 d; 23 - 27 °C; 0,02 - 0,2 ng/l)</td>
<td>carp (Cyprinus carpio) (56 d; 23 - 27 °C; 0,02 - 0,2 ng/l)</td>
</tr>
</tbody>
</table>

www.cosentino.com
12.4 Mobility in soil
Assessment:
Silicone content: Insoluble in water.

12.5 Results of PBT and vPvB assessment
No data available.

12.6 Other adverse effects
None known

13. Disposal considerations

13.1 Waste treatment methods

13.1.1 Material
Recommendation:
Material that cannot be used, reprocessed or recycled should be disposed of in accordance with Federal, State, and local regulations at an approved facility. Depending on the regulations, waste treatment methods may include, e.g., landfill or incineration.

13.1.2 Uncleaned packaging
Recommendation:
Completely discharge containers (no tear drops, no powder rest, scraped carefully). Containers may be recycled or re-used. Observe local/state/federal regulations. Uncleaned packaging should be treated with the same precautions as the material.

13.1.3 Waste Disposal Legislation Ref.No.(EC)
It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it is used by the customer. The waste code is to be determined within the EU in liaison with the waste-disposal operator.

Section 14
Transport information

14.1-14.4 UN number; UN proper shipping name; Transport hazard class(es); Packing group

<table>
<thead>
<tr>
<th>Road ADR Valuation</th>
<th>Railway RID Valuation</th>
<th>Transport by sea IMOG Code Valuation</th>
<th>Air transport aéreo ICAO-TI/IATA-DGR Valuation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not regulated for transport</td>
<td>Not regulated for transport</td>
<td>Not regulated for transport</td>
<td>Not regulated for transport</td>
</tr>
</tbody>
</table>

14.5 Environmental hazards
Hazardous to the environment: no

14.6 Special precautions for user
Relevant information in other sections has to be considered.

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code
Bulk transport in tankers is not intended.

15. Regulatory information

15.1 Safety, health and environmental regulations legislation specific for the substance or mixture.
National and local regulations must be observed. For information on labelling please refer to section 2 of this document. Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances (Seveso III):
Not applicable

Relevant regulations:
Other national and local measures relating to the workplace, pollution control, environmental protection and waste control.

Other specifications, restrictions and prohibitions:

15.2 Chemical safety assessment
A chemical safety assessment according to (EC) regulation 1907/2006 (REACH) has not been carried out for this product.

15.3 Details of international registration status

| South Korea (Republic of Korea) | ECL (Existing Chemicals List):
| This product is listed in, or complies with, the substance inventory. |
| Japan | ENCS (Handbook of Existing and New Chemical Substances):
| This product is listed in, or complies with, the substance inventory. |
| Australia | AICS (Australian Inventory of Chemical Substances):
| This product is listed in, or complies with, the substance inventory. |
16. Other information

16.1 Material

The details in this document are based on the state of our knowledge at the time of revision. They do not constitute an assurance of the described product properties in terms of statutory warranty requirements. The providing of this document to a recipient does not relieve the recipient of his or her responsibility toward compliance with all laws and stipulations applicable to the product. This applies in particular to the further sale or distribution of the product or substances or items containing the product, in other jurisdictions and with regard to the protection of third-party intellectual property rights. If the described product is processed or mixed with other substances or materials, the details stated in this document cannot be conferred to the resultant new product unless this has been expressly mentioned. If the product is repackaged, the recipient is obligated to additionally provide the required safety-related information.

SYMA restricts the use of its products inside the human body or in contact with bodily fluids and mucosa.

16.2 Further information:
This version supersedes all previous versions.
Explanation of the GHS classification code:

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asp. Tox. 1; H304</td>
<td>Aspiration hazard Category 1; May be fatal if swallowed and enters airways.</td>
</tr>
<tr>
<td>Flam.Liq. 3; H226</td>
<td>Flammable liquids Category 3; Flammable liquid and vapour.</td>
</tr>
<tr>
<td>Eye Irrit. 2; H319</td>
<td>Serious eye damage / eye irritation Category 2A; Causes serious eye irritation.</td>
</tr>
<tr>
<td>Skin Irrit. 2; H315</td>
<td>Skin corrosion/irritation Category 2; Causes skin irritation.</td>
</tr>
</tbody>
</table>