1. Identification

Product identifier: Couplant H
Other means of identification:

- Product code: H-2 Q7700002

Recommended use of the chemical and restrictions on use:

- Recommended use: Couplant.
- Recommended restrictions: None known.

Manufacturer/Importer/Supplier/Distributor information

Supplier: Evident Scientific Singapore PTE. LTD.
Address: 25 Ubi Road 4, UBIX, #04-04/05, Singapore 408621
Telephone: +65 62-50-11-18
Fax: +
E-mail: 

Emergency telephone number: CHEMTREC
- US: 1-800-424-9300, International: +1 703-527-3887

2. Hazards identification

GHS classification:

- Physical hazards: Not classified.
- Health hazards: Not classified.
- Environmental hazards: Not classified.

GHS label elements, including precautionary statements:

- Pictograms: None.
- Signal word: None.
- Hazard statements: None.
- Precautionary statements:
  - Prevention: Observe good industrial hygiene practices.
  - Response: Wash hands after handling.
  - Storage: Store away from incompatible materials.
  - Disposal: Dispose of waste and residues in accordance with local authority requirements.

Other hazards which do not result in classification: None known.

Supplemental information: None.

3. Composition/information on ingredients

Substance or mixture: Mixture

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Common name and synonyms</th>
<th>CAS Number</th>
<th>Concentration (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Silicon dioxide</td>
<td></td>
<td>99439-28-8</td>
<td>&lt; 10</td>
</tr>
</tbody>
</table>

4. First-aid measures

- Inhalation: Move to fresh air. Call a physician if symptoms develop or persist.
- Skin contact: Wash off with soap and water. Get medical attention if irritation develops and persists.
- Eye contact: Rinse with water. Get medical attention if irritation develops and persists.
- Ingestion: Rinse mouth. Get medical attention if symptoms occur.
- Most important symptoms/effects, acute and delayed: Direct contact with eyes may cause temporary irritation.
- Indication of immediate medical attention and special treatment needed: Treat symptomatically.
Exposure to hot material may cause thermal burns. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

5. Fire-fighting measures

Suitable extinguishing media
Use fire-extinguishing media appropriate for surrounding materials.

Unsuitable extinguishing media
None known.

Specific hazards arising from the chemical
During fire, gases hazardous to health may be formed.

Fire fighting equipment/instructions
Move containers from fire area if you can do so without risk.

Special protective equipment and precautions for firefighters
Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Specific methods
Use standard firefighting procedures and consider the hazards of other involved materials.

General fire hazards
No unusual fire or explosion hazards noted.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures
Avoid prolonged exposure. Keep unnecessary personnel away. In case of spills, beware of slippery floors and surfaces. For personal protection, see section 8 of the SDS.

Environmental precautions
Avoid discharge into drains, water courses or onto the ground.

Methods and materials for containment and cleaning up
Sweep or scoop up and remove. Wipe up with absorbent material (e.g. cloth, fleece). After cleaning, flush away traces with water. For waste disposal, see Section 13 of the SDS.

7. Handling and storage

Precautions for safe handling
Avoid prolonged exposure. Observe good industrial hygiene practices. It is a good industrial hygiene practice to minimize skin contact. For prolonged or repeated skin contact use suitable protective gloves.

Conditions for safe storage, including any incompatibilities
Store in original tightly closed container.

8. Exposure controls/personal protection

Control parameters/Occupational exposure limits
No exposure limits noted for ingredient(s).

Appropriate engineering control measures
Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Individual protection measures, such as personal protective equipment

Eye/face protection
If contact is likely, safety glasses with side shields are recommended. Eye wash fountain is recommended.

Skin protection
Hand protection
For prolonged or repeated skin contact use suitable protective gloves. Suitable gloves can be recommended by the glove supplier.

Other
Respiratory protection
In case of insufficient ventilation, wear suitable respiratory equipment.

Thermal hazards
Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations
Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and chemical properties

Appearance
Physical state
Liquid.
Form
Grease.
Color
Pale yellow
Odor
Mild. Characteristic.
Odor threshold
Not available.
pH
Not available.
Melting point/freezing point
-14.8 °F (-26 °C)
Initial boiling point and boiling range
> 572 °F (> 300 °C)

Flash point
Not available.

Evaporation rate
< 1 (100°C)

Flammability (solid, gas)
Not applicable.

Flammability limit - lower (%)
Not applicable.

Flammability limit - upper (%)
Not applicable.

Vapor pressure
< 0.001 torr (25 °C)

Vapor density
> 1 estimated

Relative density
0.95 (Approximate) (Water = 1)

Solubility(ies)
Insoluble in water.

Partition coefficient (n-octanol/water)
Not available.

Auto-ignition temperature
782.6 - 840.2 °F (417 - 449 °C)

Decomposition temperature
Not available.

Viscosity
Not available.

10. Stability and reactivity

Reactivity
The product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical stability
Material is stable under normal conditions.

Possibility of hazardous reactions
No dangerous reaction known under conditions of normal use.

Conditions to avoid
None known.

Incompatible materials
Strong oxidizing agents.

Hazardous decomposition products
No hazardous decomposition products are known.

11. Toxicological information

Information on likely routes of exposure

Inhalation
No adverse effects due to inhalation are expected.

Skin contact
No adverse effects due to skin contact are expected.

Eye contact
Direct contact with eyes may cause temporary irritation.

Ingestion
No adverse effects due to ingestion are expected.

Acute toxicity
Expected to be a low ingestion hazard.

Symptoms
Direct contact with eyes may cause temporary irritation.

Skin corrosion/irritation
Based on available data, the classification criteria are not met.

Serious eye damage/eye irritation
Direct contact with eyes may cause temporary irritation.

Respiratory or skin sensitization
Not a respiratory sensitizer.

Skin sensitization
This product is not expected to cause skin sensitization.

Germ cell mutagenicity
No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity
This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

Reproductive toxicity
This product is not expected to cause reproductive or developmental effects.

Specific target organ toxicity - single exposure
No data available.

Specific target organ toxicity - repeated exposure
No data available.

Aspiration hazard
Not an aspiration hazard.

Chronic effects
Not available.
12. Ecological information

**Ecotoxicity**
The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

**Persistence and degradability**
No data is available on the degradability of this product.

**Bioaccumulative potential**
The product is not expected to bioaccumulate.

**Mobility in soil**
No data available.

**Other adverse effects**
No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal considerations

**Disposal methods/information**
Collect and reclaim or dispose in sealed containers at licensed waste disposal site.

**Special precautions**
Dispose in accordance with all applicable regulations.

14. Transport information

**ADR**
Not regulated as dangerous goods.

**RID**
Not regulated as dangerous goods.

**ADN**
Not regulated as dangerous goods.

**IATA**
Not regulated as dangerous goods.

**IMDG**
Not regulated as dangerous goods.

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

15. Regulatory information

**Safety, health and environmental regulations specific for the product in question**

**Controlled Narcotic Drugs (Misuse of Drugs Act, First Schedule, Part I, II & III)**
Not regulated.

**Controlled Specified Drugs (Misuse of Drugs Act, Fourth Schedule)**
Not regulated.

Not regulated.

**Chemical Weapons Prohibition (Act)**
Not applicable.

**Environmental Protection and Management (Hazardous Substances) Regulations**
Not applicable.

**Environmental Public Health Act**
Not applicable.

**International regulations**

**Montreal Protocol**
Not applicable.

**Stockholm Convention**
Not applicable.

**Rotterdam Convention**
Not applicable.

**Kyoto protocol**
Not applicable.

**Basel Convention**
Not applicable.

**International Inventories**

<table>
<thead>
<tr>
<th>Country(s) or region</th>
<th>Inventory name</th>
<th>On inventory (yes/no)*</th>
</tr>
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<tbody>
<tr>
<td>Australia</td>
<td>Australian Inventory of Chemical Substances (AICS)</td>
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<tr>
<td>Canada</td>
<td>Domestic Substances List (DSL)</td>
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<tr>
<td>Canada</td>
<td>Non-Domestic Substances List (NDSL)</td>
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<tr>
<td>Country(s) or region</td>
<td>Inventory name</td>
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<tr>
<td>---------------------</td>
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<tr>
<td>China</td>
<td>Inventory of Existing Chemical Substances in China (IECSC)</td>
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<tr>
<td>Europe</td>
<td>European Inventory of Existing Commercial Chemical Substances (EINECS)</td>
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<tr>
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<td>European List of Notified Chemical Substances (ELINCS)</td>
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<td>Japan</td>
<td>Inventory of Existing and New Chemical Substances (ENCS)</td>
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<td>Korea</td>
<td>Existing Chemicals List (ECL)</td>
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<td>New Zealand Inventory</td>
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<td>Philippines</td>
<td>Philippine Inventory of Chemicals and Chemical Substances (PICCS)</td>
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<tr>
<td>United States &amp; Puerto Rico</td>
<td>Toxic Substances Control Act (TSCA) Inventory</td>
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</tr>
</tbody>
</table>

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).
A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information

References: Not available.
Issued by:
  Company name: Evident Scientific
  Prepared by:
  Title: Evident Scientific

Disclaimer: Evident Scientific cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.

Issue date: 19-January-2016
Revision date: 22-November-2022
Key/legend: Not applicable.