SAFETY DATA SHEET

1. Identification

Name of the substance or mixture (trade name)  Shear Wave Couplant

Product code  SWC-2

Major recommended uses for the substance or mixture  Couplant.

Specific restrictions for use of the substance or mixture  Not available.

Manufacturer/Importer/Distributor information

Manufacturer  Evident Scientific

Supplier  48 Woerd Ave. Waltham, MA 02453, USA

Address  +1 781-419-3900

Telephone  CHEMTREC

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

2. Hazards identification

Classification of the substance or mixture

Physical hazards  Not classified.

Health hazards  Not classified.

Environmental hazards  Not classified.

GHS labeling elements, including precautionary statements

Hazard symbol(s)  None.

Signal word  None.

Hazard statement(s)  The mixture does not meet the criteria for classification.

Precautionary statement(s)

Prevention  Observe good industrial hygiene practices.

Response  Wash hands after handling.

Storage  Do not store in direct sunlight.

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

Mixture

The components are not hazardous or are below required disclosure limits.

4. First-aid measures

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.

Personal protection for first-aid responders  Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.
Notes to physician

Treat symptomatically.

5. Fire-fighting measures

Means of fire extinguishing
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.

Special fire fighting procedures
Move containers from fire area if you can do so without risk.

Protective measures taken by firefighting crews
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. Control measures for spills and leaks

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.

To be taken by those who are not involved in rendering emergency services
Keep unnecessary personnel away. Be aware of potential for surfaces to become slippery. Use personal protection recommended in 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
Follow standard monitoring procedures.

Occupational exposure limits
No exposure limits noted for ingredient(s).

Biological limit values
No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls
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.

Personal protective measures

Eyes and 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
Wear suitable protective clothing.

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

Thermal hazards
Wear appropriate thermal protective clothing, when necessary.

Hygiene measures
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 | Paste.
Color | Dark brown.
Odor | None.
Odor threshold | Not available.
pH | Neutral.
Melting point/freezing point | Not available.
Initial boiling point and boiling temperature range | > 220 °F (> 104.44 °C)
Flash point | Not available.
Evaporation rate | Not available.
Flammability (solid, gas) | Not applicable.
Upper/lower flammability or explosive limits | Not applicable.
Flammability limit - lower (% | Not applicable.
Flammability limit - upper (% | Not applicable.
Vapor pressure | Not available.
Vapor density | Not available.
Relative density | > 1 (Water = 1)
Solubility(ies) | Completely soluble in water.
Partition coefficient (n-octanol/water) | Not applicable.
Auto-ignition temperature | Not available.
Decomposition temperature | Not available.
Viscosity | Not available.
Other physical and chemical parameters | Not explosive.
Explosive properties | Non flammable. (WHMIS/OSHA/NOM-018-STPS 2000)
Flammability | Not a respiratory sensitizer.
Oxidizing properties | Not oxidizing.

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 | None.
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.
Symptoms | Direct contact with eyes may cause temporary irritation.
Acute toxicity | Expected to be a low ingestion hazard.
Skin irritation and corrosion | 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.
This product is not expected to cause skin sensitization.

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

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

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

No data available.

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

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

No data available.

Not an aspiration hazard.

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.

No data is available on the degradability of this product.

The product is not expected to bioaccumulate.

Not available.

Not available.

No data available for this product.

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

Dispose of in accordance with local regulations.

Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

Collect and reclaim or dispose in sealed containers at licensed waste disposal site.

Not regulated as dangerous goods.

Not regulated as dangerous goods.

Not regulated as dangerous goods.

Not applicable.

This chemical product safety data sheet was prepared in accordance with the Brazilian Standard (ABNT NBR 14725-4: (Safety data sheet for chemicals (SDS))). The Chemicals Safety Information Card of the hazardous chemical can be obtained from a supplier.
16. Other information

Not available.

Significant information, yet not specifically related to the previous sections

Not available.

Legends and abbreviations

Not available.

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.