# SAFETY DATA SHEET

## 1. Chemical Product & Company Information

**Product Name:** DetecTape H2  
**Chemical Family:** Silicone  
**Supplier’s Name:** Midsun Specialty Products  
**Address:** 378 Four Rod Rd.  
Berlin, CT 06037  
**Telephone / Fax:** (860) 378 - 0111  
FAX: (860) 378 - 0113  
**Recommended Use:** Hydrogen Leak Detector  
**Uses advised against:** No information available

## 2. Hazard(s) Identification

**Classification:**  
This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910. 1200).

**GHS label elements:**

### EMERGENCY OVERVIEW

The article contains no substances which at their given concentration or physical state, are considered to be hazardous to health.

**Appearance:** Rubber  
**Physical state:** Solid  
**Odor:** Slight

**Precautionary statements - Storage:**  
Store securely in a cool and dry place away from sources of heat.

**Precautionary statements - Disposal:**  
Dispose of contents/containers into a proper trash receptacle.

**Hazards not otherwise classified (HNOC):**  
Not applicable

**Other information:**  
No information available.

**Interactions with other chemicals:**  
No information available.

## 3. Exact Composition/Information on Ingredients

### Chemical characterization

<table>
<thead>
<tr>
<th>Material</th>
<th>CAS No.</th>
<th>Weight %*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Silicone Rubber</td>
<td>Mixture</td>
<td>70 - 100</td>
</tr>
<tr>
<td>Amorphous Silica</td>
<td>7631-86-9</td>
<td>&lt; 30</td>
</tr>
</tbody>
</table>

*The exact percentage (concentration) of composition has been withheld as a trade secret.*
4. First-Aid Measures

Eye contact: No need for first aid is anticipated
Skin contact: No need for first aid is anticipated.
Inhalation: No need for first aid is anticipated.
Ingestion: Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and declared:

No information available.

Indication of any immediate medical attention and special treatment needed:

Notes to Physician: Treat symptomatically.

5. Fire-Fighting Measures

Suitable extinguishing media: In case of fire: Use a carbon dioxide or dry chemical extinguisher to extinguish as well as media that is appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media: CAUTION: Use of water spray when fighting fire may be inefficient.
Specific hazards arising from the chemical: No information available.
Hazardous Combustion Products: Carbon oxides.

Explosion Data:
  Sensitivity to Mechanical Impact No
  Sensitivity to Static Discharge No

Protective equipment and precautions for firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental Release Measures

Personal precautions: Not applicable.
Other information: Not applicable.
Environmental precautions: Not applicable.
Methods for containment and cleaning up: Not applicable.

7. Handling and Storage

Handling: This product is considered to be an article which does not release or otherwise result in exposure to a hazardous chemical under normal use conditions. Use good industrial hygiene and wash hands before and after use.
Storage: Store securely in a cool and dry place away from sources of heat.
Incompatible products: No special storage requirements.

8. Exposure Controls / Personal Protection

This product is considered to be an article which does not release or result in exposure to a hazardous chemical under normal use conditions. There are no recommendations nor requirements for engineering controls or personal protective equipment (PPE).
9. Physical and Chemical Properties

**Physical and Chemical Properties:**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Solid</td>
</tr>
<tr>
<td>Appearance</td>
<td>Rubber</td>
</tr>
<tr>
<td>Color</td>
<td>Gray like</td>
</tr>
<tr>
<td>Melting / freezing point</td>
<td>No data available</td>
</tr>
<tr>
<td>Flash Point</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (Solid, gas)</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapor density</td>
<td>No data available</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.15</td>
</tr>
<tr>
<td>Solubility in other solvents</td>
<td>No data available</td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Kinematic viscosity</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Softening Point</td>
<td>No data available</td>
</tr>
<tr>
<td>Particle Size</td>
<td>No data available</td>
</tr>
<tr>
<td>Odor</td>
<td>Slight</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>No information available</td>
</tr>
<tr>
<td>pH</td>
<td>No data available</td>
</tr>
<tr>
<td>Boiling point / Boiling range</td>
<td>No data available</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability Limit in Air</td>
<td>No data available</td>
</tr>
<tr>
<td>Upper flammability limit</td>
<td>No data available</td>
</tr>
<tr>
<td>Lower flammability limit</td>
<td>No data available</td>
</tr>
<tr>
<td>Water Solubility</td>
<td>No data available</td>
</tr>
<tr>
<td>Partition coefficient</td>
<td>n-octanol/water</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Dynamic viscosity</td>
<td>No data available</td>
</tr>
<tr>
<td>Oxidizing properties</td>
<td>No data available</td>
</tr>
<tr>
<td>VOC Content (%)</td>
<td>No data available</td>
</tr>
<tr>
<td>Particle Size Distribution</td>
<td>No data available</td>
</tr>
</tbody>
</table>

10. Stability and Reactivity

**Reactivity:**
Considered non-reactive

**Chemical Stability:**
Stable under recommended storage conditions.

**Possibility of Hazardous Reactions:**
None under normal processing.

**Hazardous Polymerization:**
Hazardous polymerization does not occur.

**Conditions to avoid:**
None known based on information supplies.

**Incompatible Materials:**
None known based on information supplies.

**Hazardous Decomposition Products:**
Carbon oxides.

11. Toxicological Information

**Product Information:**

- **Inhalation:** Specific test data for the substance or mixture is not available.
- **Eye Contact:** Specific test data for the substance or mixture is not available.
- **Skin Contact:** Specific test data for the substance or mixture is not available.
- **Ingestion:** Specific test data for the substance or mixture is not available.

**Information on toxicological effects:**

- **Symptoms:** No information available.
- **Sensitization:** No information available.
- **Mutagenic effects:** No information available.
- **Carcinogenicity:** In article form used under normal conditions, does not present a health hazard.

**Numerical measures of toxicity Product Information:**

The following values are calculated based on chapter 3.1 of the GHS document.
Not applicable.
12. Ecological Information

Ecotoxicity
The environmental impact of this product has not been fully investigated. This article is expected to present a low environmental risk either because use and disposal are unlikely to result in a significant release of components to the environment due to its solid form, or because the components that may be released are expected to have little no environmental impact.

Persistence and Degradability: No information available.
Other adverse effects: No information available.

13. Disposal Information

Dispose of article waste and packaging in a proper trash receptacle.

14. Transport Information

This article is not regulated per U.S. DOT, IATA, or IMO.

15. Regulatory Information

INTERNATIONAL INVENTORIES
TSCA - United States Toxic Substances Control Act Section 8 (b) Inventory Exempt.

US FEDERAL REGULATIONS

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This article does not contain chemicals in a physical state that are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories
- Acute Health Hazard: No
- Chronic Health Hazard: No
- Fire Hazard: No
- Sudden release of pressure hazard: No
- Reactive Hazard: No

CWA (Clean Water Act)
This product does not contain any substances regulated as pollutants pursuant to the clean water act (40 CFR 122.21 and 40 CFR 122 42).

CERCLA
This material as supplied does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

16. Other Information

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health Hazards: 0</th>
<th>Flammability: 1</th>
<th>Instability: 0</th>
<th>Special Hazards: None</th>
</tr>
</thead>
<tbody>
<tr>
<td>HMIS</td>
<td>Health Hazards: 0</td>
<td>Flammability: 1</td>
<td>Physical Hazard: 0</td>
<td>Personal Protection - X (See PPE)</td>
</tr>
</tbody>
</table>

DISCLAIMER OF LIABILITY:
This information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and it to be said only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

End of Safety Data Sheet