

1. Chemical Product & Company Information

Product Name: DetecTape H2
Chemical Family: Silicone
Supplier's Name: Element One Inc.
Address: 7253 Siena Way
Boulder, CO 80301 USA
Telephone / Fax: (720) 222-3214
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**

Material	CAS No.	Weight %*
Silicone Rubber	Mixture	70 - 100
Amorphous Silica	7631-86-9	< 30

*The exact percentage (concentration) of composition has been withheld as a trade secret.



Element One, Inc
7253 Siena Way, Boulder, CO 80301 USA
(720) 222-3214 | elem1.com

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:	
Most important symptoms and effects:	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:

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

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

NFPA	Health Hazards: 0	Flammability: 1	Instability: 0	Special Hazards: None
HMIS	Health Hazards: 0	Flammability: 1	Physical Hazard: 0	Personal Protection - X (See PPE)

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

