

MATERIAL SAFETY DATA SHEET

SPITA ResQ-tape H2-Detect

SECTION 1. CHEMICAL PRODUCT & COMPANY INFORMATION

DATE 01-06-2020

Product Name: SPITA ResQ-tape H2-Detect (Self-fusing silicone tape) Chemical Family: Silicone Supplier's Name: SPITA Smart Products B.V. Address: Industrieweg 18-9 3846 BD Harderwijk The Netherlands Telephone No.: +31 341 414 993 Recommended Use: Hydrogen Leak Detector Uses advised against: No information available	NEPA-704 Hazard Rating: 4 – Extreme 3 – High 2 – Moderate 1 – Slight 0 – Minimal *- Chronic Health Hazard (See Section V)	Health 0 Fire 0 Reactivity 0
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SECTION 2. HAZARD(S) IDENTIFICATION

Classification:

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (CFR Title 29 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/Silicone

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

SECTION 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.

SECTION 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

SECTION 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 which are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media: **CAUTION:** Use of water spray when fighting fire may be insufficient.

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 precaution measures for firefighters:

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full body protective gear.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Not applicable

Other information: Not applicable

Environmental precautions: Not applicable

Methods for containment and cleaning up: Not applicable

SECTION 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.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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. There are no recommendations nor requirements for engineering controls or personal protective equipment (PPE).

SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

Physical state:	<i>Solid</i>	Odor:	<i>Slight</i>
Appearance:	<i>Silicone rubber</i>	Odor threshold:	<i>No information available</i>
Melting/freezing point:	<i>No data available</i>	pH:	<i>No data available</i>
Flash point:	<i>No data available</i>	Boiling point / range:	<i>No data available</i>
Flammability:	<i>No data available</i>	Evaporation rate:	<i>No data available</i>
Vapor pressure:	<i>No data available</i>	Upper flammability limit	<i>No data available</i>
Vapor density:	<i>No data available</i>	Lower flammability limit	<i>No data available</i>
Specific gravity:	<i>1,15</i>	Water solubility:	<i>No data available</i>
Solubility in other solvents:	<i>No data available</i>	Partition coefficient:	<i>n-octanol/water</i>
Auto ignition temperature:	<i>No data available</i>	Decomposition temperature:	<i>No data available</i>
Kinematic viscosity:	<i>No data available</i>	Dynamic viscosity:	<i>No data available</i>
Explosive properties:	<i>No data available</i>	Oxidizing properties:	<i>No data available</i>
Softening point:	<i>No data available</i>	VOC content (%):	<i>No data available</i>
Particle Size	<i>Trade secret</i>	Particle size distribution:	<i>Trade secret</i>
Colour:	<i>Grey</i>		

SECTION 10. STABILITY & 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

SECTION 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

SECTION 12. ECOLOGICAL INFORMATION

Eco toxicity

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 to no environmental impact.

Persistence and degradability: No information available

Other adverse effects: No information available

SECTION 13. DISPOSAL INFORMATION

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

SECTION 14. TRANSPORT INFORMATION

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

SECTION 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

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) of the



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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.

REACH

All information is in accordance with EU – regulations.

SECTION 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:

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End of Material Data Safety Sheet