

Creation date 20-Jul-2016

Revision date 23-Apr-2025

Version 2

1. Identification of the Substance/Preparation and of the Company/Undertaking

- (a) Product name Silicone adhesive tape
Product identifier PS-1
- (b) Other means of identification
Product Code P777-627-00024
- (c) Recommended Use For Heat-resistant masking and tabbing
- (d) Supplier Address Nitto, Inc.
 1990 Rutgers University Blvd. Lakewood, NJ08701, U.S.A.
 TEL.+1-732-901-7905 FAX.+1-732-364-4985
- (e) Emergency telephone number +1-732-901-7905 (Nitto, Inc.)

2. Hazards Identification

- (a) GHS - Classification Not applicable for article
- (b) Label elements Not Applicable
Physical state Solid
Odor Slight
Precautionary statements
- (c) Other Hazards Not Applicable

3. Composition/information on Ingredients

Product Classification ARTICLE

<u>Chemical name</u>	<u>CAS RN®</u>	<u>Weight-%</u>
Silicone adhesive	-	70-80
Polyethylene terephthalate Poly(oxy-1,2-ethanedioxy-carbonyl-1,4-phenylene-carbonyl)	25038-59-9	20-30
Antimony oxide (Sb ₂ O ₃)	1309-64-4	<0.01

4. First aid measures

- (a) General information
- If inhaled Not expected
Eye contact Call a physician immediately
Skin contact Wash off immediately with soap and plenty of water
 In the case of skin irritation or allergic reactions see a physician
Ingestion Get immediate medical advice/attention
- (b) Most important symptoms/effects, acute and delayed No information available
- (c) Self-protection of the first aider Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves
Note to physicians No information available

5. Fire-fighting measures

- | | |
|--|--|
| (a) <u>Fire extinguishing agent</u>
<u>Prohibited media</u> | Dry chemical, CO2, water spray or regular foam
No information available |
| (b) <u>Special exposure hazards in a fire</u>
<u>Hazardous combustion products</u>
<u>Explosion data</u>
<u>Sensitivity to Mechanical Impact</u>
<u>Sensitivity to Static Discharge</u> | No information available
Flammable/toxic gases may accumulate in confined areas
No information available
No information available
No information available |
| (c) <u>Special protective equipment and precautions for firefighters</u> | In the event of fire, wear self-contained breathing apparatus
Use personal protective equipment as required |

6. Accidental release measures

- | | |
|---|---|
| (a) <u>Personal Precautions</u>
<u>Protective equipment and emergency procedures</u> | Avoid contact with eyes and skin
Protective gloves and safety glasses recommended |
| (b) <u>Environmental precautions</u> | Collect spillage
Prevent product from entering drains
Prevent entry into waterways, sewers, basements or confined areas |
| (c) <u>Methods and material for containment and cleaning up</u> | Should not be released into the environment |

7. Handling and Storage

- | | |
|---|---|
| (a) <u>Precautions for safe handling</u> | Protective gloves and safety glasses recommended |
| (b) <u>Storage conditions</u> | Store at room temperature and normal humidity away from direct sunlight |

8. Exposure Controls/Personal Protection

- | | |
|---|---|
| (a) <u>Control parameters</u>
<u>Other information</u> | None under normal use conditions
No information available. |
| (b) <u>Appropriate engineering controls</u> | Ensure adequate ventilation, especially in confined areas |
| (c) <u>Personal protective equipment [PPE]</u>
<u>Respiratory Protection</u>
<u>Hand protection</u>
<u>Skin protection</u> | None under normal use conditions
Wear non-permeable gloves
Wear protective gloves and protective clothing |

9. Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

- | | |
|--|----------------------------------|
| (a) <u>Physical state</u> | Solid |
| (b) <u>Color</u> | red |
| (c) <u>Odor</u> | Slight |
| (d) <u>pH</u> | No data available |
| (e) <u>Melting point / Freezing point</u> | No information available |
| (f) <u>Boiling point / boiling range</u>
<u>boiling point</u> | Not Applicable
Not Applicable |
| (g) <u>Flash Point</u> | No data available |
| (h) <u>Evaporation rate</u> | No data available |
| (i) <u>Flammability (solid, gas)</u> | Non-flammable solid |
| (j) <u>Upper/lower flammability or explosive limits</u>
<u>Upper</u>
<u>Lower</u> | Not Applicable
Not Applicable |

<u>(k) Vapor pressure</u>	Not Applicable
<u>(l) Vapor density</u>	Not Applicable
<u>(m) Specific gravity</u>	No data available
<u>(n) Solubility</u>	Insoluble in water
<u>(o) Partition Coefficient (n-octanol/water)</u>	No data available
<u>(p) Autoignition temperature</u>	No data available
<u>(q) Decomposition temperature</u>	No data available
<u>(r) Kinematic viscosity</u>	No data available
<u>(s) Molecular weight</u>	No data available

9.2 Other information Not Applicable

10. Stability and Reactivity

<u>(a) Reactivity</u>	Stable under normal conditions
<u>(b) Chemical stability</u>	Stable under normal conditions
<u>(c) Possibility of hazardous reactions</u>	No data available
<u>(d) Conditions to avoid</u>	No information available
<u>(e) Incompatible materials</u>	No information available
<u>(f) Hazardous decomposition products</u>	Thermal decomposition can lead to release of irritating and toxic gases and vapors Carbon dioxide (CO ₂) Carbon monoxide

11. Toxicological Information

<u>(a) Information on likely routes of exposure</u>	
<u>Inhalation</u>	Not an expected route of exposure
<u>Ingestion</u>	Not an expected route of exposure Toxic if swallowed
<u>Skin contact</u>	May cause skin irritation to sensitive individuals
<u>Eye contact</u>	May cause eye irritation to sensitive individuals
<u>(b) Most important symptoms/effects, acute and delayed</u>	No information available
<u>(c) Delayed and immediate effects and also chronic effects from short- and long-term exposure</u>	
<u>Acute Toxicity</u>	No information available
<u>Skin corrosion/irritation</u>	No information available
<u>Serious eye damage/eye irritation</u>	No information available
<u>Respiratory sensitization</u>	No information available
<u>Germ cell mutagenicity</u>	No data available on finished product
<u>Reproductive Toxicity</u>	No data available on finished product
<u>Specification target internal organs/systemic toxicity (single exposure)</u>	No data available on finished product
<u>Specification target internal organs/systemic toxicity (repeat exposure)</u>	No data available on finished product
<u>Aspiration hazard</u>	Not Applicable
<u>(d) Carcinogenicity</u>	No data available on finished product

12. Ecological Information

<u>(a) Ecotoxicity</u>	No data available on finished product
<u>(b) Mobility in soil</u>	No data available on finished product
<u>(c) Persistence and degradability</u>	No data available on finished product
<u>(d) Bioaccumulation</u>	No data available on finished product
<u>(e) Other adverse effects</u> <u>Hazardous to the Ozone Layer</u>	Stable under normal conditions

13. Disposal Considerations

Waste treatment methods

Disposal of wastes

Dispose of in accordance with federal, state and local regulations. The Customer is responsible for the proper disposal of any waste generated as a result of the use of the Product or of the Product itself, and is responsible for complying with all applicable laws, rules and regulations relating to the management, storage, treatment, shipment and disposal of such waste or Product ("Waste Management Practices"). "Product" includes anything sold by Nitto Denko Corporation and/or any affiliates or subsidiaries ("Company") to Customer. The Company is not responsible for any of the Customer's Waste Management Practices. As part of those practices, Customer must separate packaging from Product before disposal. Further, Customer should review and comply with this SDS prior to any such disposal.

Customer shall hold harmless the Company, its agents, contractors, successors and assigns from any and all liability, claims, loss, damage, death or injury, including reasonable attorney's fees and costs, arising out of or relating to Customer's Waste Management Practices

Contaminated packaging

Dispose of in accordance with federal, state and local regulations

Disposal considerations

See Disposal of Wastes
See Disposal of Wastes

14. Transport Information

<u>DOT(U.S. Department of Transportation)</u> <u>(HMTA)</u>	Not regulated
<u>UN Number</u>	Not Applicable
<u>UN Proper Shipping Name</u>	Not regulated
<u>Transport hazard class</u>	-
<u>Packing group, if applicable</u>	Not Applicable
<u>Environmental hazards</u> <u>(Applicable/Not applicable)</u>	Not Applicable
<u>Transport in bulk according to Annex</u> <u>II of MARPOL 73/78 and the IBC Code</u>	Not Applicable
<u>Special precautions in connection</u> <u>with transport or conveyance</u>	Store in a cool area away from heat
<u>TDG</u>	Not regulated
<u>MEX(Transport is specifically for Mexico)</u>	Not regulated
<u>ICAO (air)</u>	Not regulated
<u>IATA</u>	Not regulated
<u>IMDG</u>	Not regulated
<u>UN Number</u>	Not Applicable
<u>UN Proper Shipping Name</u>	Not regulated
<u>Transport hazard class</u>	-
<u>Special precautions in connection</u> <u>with transport or conveyance</u>	Store in a cool area away from heat
<u>RID (Regulations concerning the</u> <u>International Carriage of Dangerous</u> <u>Goods by Rail)</u>	Not regulated
<u>ADR</u>	Not regulated
<u>ADN Technical Name</u>	Not regulated

15. Regulatory information

US Federal Regulations

CWA (Clean Water Act):

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

<u>Chemical name</u>	<u>CWA - Reportable Quantities</u>	<u>CWA - Toxic Pollutants</u>	<u>CWA - Priority Pollutants</u>	<u>CWA - Hazardous Substances</u>
Antimony oxide (Sb ₂ O ₃) 1309-64-4	1000 lb	X	-	X

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)***

<u>Chemical name</u>	<u>Hazardous Substances RQs</u>	<u>CERCLA/SARA RQ</u>	<u>Reportable Quantity (RQ)</u>
Antimony oxide (Sb ₂ O ₃) 1309-64-4	1000 lb	-	RQ 1000 lb final RQ RQ 454 kg final RQ

US State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals



WARNING

This product can expose you to chemicals including those listed below, which is [are] known to the State of California to cause cancer, birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

<u>Chemical name</u>	<u>California Proposition 65</u>
Antimony oxide (Sb ₂ O ₃) 1309-64-4	Carcinogen

* This product will not contain compounds in particulate (respirable) form under normal conditions.

16. Other information

<u>NFPA</u>	<u>Health Hazards</u> 0	<u>Flammability</u> 0	<u>Instability:</u> 0	<u>Special hazards</u> -
<u>HMIS</u>	<u>Health hazards</u> 0	<u>Flammability</u> 0	<u>Physical Hazards</u> 0	<u>Personal protective equipment</u> X

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Source Information

Raw material SDS

LOLI(Chem ADVISOR) GHS classification data

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End of Safety Data Sheet