

Creation date 17-Nov-2017

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Version 1

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

- (a) Product name DOUBLE-COATED ADHESIVE TAPE
Product identifier P50
- (b) Other means of identification
Product Code P627-00022
- (c) Recommended Use Industrial
- (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
Eye contact May cause eye irritation to sensitive individuals
Skin contact IF ON SKIN: Wash with plenty of soap and water
 If skin irritation occurs: Get medical advice/ attention
 Wash contaminated clothing before reuse
Inhalation IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
Ingestion IF SWALLOWED: Immediately call a POISON CENTER or doctor
 Rinse mouth
- (c) Other Hazards Toxic to aquatic life with long lasting effects

3. Composition/information on Ingredients

Product Classification ARTICLE

<u>Chemical name</u>	<u>CAS No</u>	<u>Concentration or concentration ranges</u>
Cotton Cloth	-	20-30
Zinc oxide	1314-13-2	15-25
Rubber base adhesive	-	45-55
Liner	-	-

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

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

6. Accidental release measures

- (a) Personal Precautions Use personal protective equipment as required
Protective equipment and emergency procedures Protective gloves and safety glasses recommended
- (b) Environmental precautions Discharge into the environment must be avoided
- (c) Methods and material for containment and cleaning up Should not be released into the environment

7. Handling and Storage

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

8. Exposure Controls/Personal Protection

- (a) Control parameters None under normal use conditions
Other information No information available
- (b) Appropriate engineering controls Ensure adequate ventilation, especially in confined areas
- (c) Personal protective equipment [PPE]
Respiratory Protection No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required
Hand protection Wear non-permeable gloves
Skin protection Wear protective gloves and protective clothing

9. Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

- (a) Physical state Solid
- (b) Color ivory
- (c) Odor Slight
- (d) pH Not Applicable
- (e) Melting point / Freezing point No data available
- (f) Boiling point / boiling range Not Applicable
boiling point Not Applicable
- (g) Flash Point No data available
- (h) Evaporation rate No data available
- (i) Flammability (solid, gas) No data available
- (j) Upper/lower flammability or explosive limits
Upper Not Applicable
Lower Not Applicable
- (k) vapor pressure No data available
- (l) Vapor density No data available
- (m) Specific gravity 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>	Organic gasses such as carbon monoxide and carbon dioxide Hydrocarbons Sulphur oxides

11. Toxicological Information

<u>(a) Information on likely routes of exposure</u>	
<u>Inhalation</u>	Not an expected route of exposure
<u>Ingestion</u>	May be harmful 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>Germ cell mutagenicity</u>	No data available on finished product
<u>Reproductive Toxicity</u>	No data available on finished product
<u>Target organ effects</u>	No known effects under normal use conditions
<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) Unknown Acute Toxicity</u>	Not Applicable
<u>(e) Carcinogenicity</u>	No data available on finished product Group 3

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>	

Ozone depletion potential (ODP) Stable under normal conditions

13. Disposal Considerations

Waste treatment methods

Disposal of wastes

Dispose of in accordance with federal, state and local regulations
 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
 See Disposal of Wastes

Contaminated packaging

Disposal considerations

Consult the appropriate state, regional, or local regulations for additional requirements

14. Transport Information

DOT(U.S. Department of Transportation) Not regulated
(HMTA)
UN number Not Applicable
UN Proper Shipping Name Not regulated
Transport hazard class Not Applicable
Special precautions in connection with transport or conveyance Store in a cool area away from heat
TDG Not regulated
MEX(Transport is specifically for Mexico)Not regulated
ICAO (air) Not regulated
IATA Not regulated
IMDG Not regulated
UN number Not Applicable
UN Proper Shipping Name Not regulated
Transport hazard class Not Applicable
Special precautions in connection with transport or conveyance Store in a cool area away from heat
RID (Regulations concerning the International Carriage of Dangerous Goods by Rail) Not regulated
ADR (European Agreement concerning International Carriage of Dangerous Goods by Road) Not regulated
ADN Technical Name Not regulated

15. Regulatory information

US Federal Regulations

<u>Chemical name</u>	<u>CWA - Reportable Quantities</u>	<u>CWA - Toxic Pollutants</u>	<u>CWA - Priority Pollutants</u>	<u>CWA - Hazardous Substances</u>
Zinc oxide 1314-13-2	-	X	-	-

US State Regulations Not Applicable
California Proposition 65

U.S. State Right-to-Know Regulations Not Applicable

REACH 7 Article 33 Article SVHC notification (> 0.1 wt. %) None based on the current SVHC listing, as of the date of this SDS.

16. Other information

<u>NFPA</u>	Health Hazards 0	Flammability 0	Instability: 0	Physical and Chemical Properties -
<u>HMIS</u>	Health Hazards 0	Flammability 0	Physical Hazards 0	Personal protective equipment X

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Source Information Raw material SDS
 LOLI(Chem ADVISOR) GHS classification data

Disclaimer

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End of Safety Data Sheet