

Issue date 31-May-2017

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Version 1

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

- (a) Product name Glass cloth adhesive tape  
Product identifier P-212HD
- (b) Other means of identification  
Product Code P627-00013
- (c) Recommended Use  
 High temperature cable harness and connection insulating  
 General purpose insulating and holding applications in heavy gauge wire and/or high temperature applications  
 Solvent resistant, flame retardant applications  
 Uses in Aerospace and Electrical applications
- (d) Supplier Address  
 Nitto, Inc.  
 1990 Rutgers University Blvd. Lakewood, NJ08701, U.S.A.  
 TEL.+1-732-901-7905 FAX.+1-732-901-9354
- (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 Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

Chemical name	CAS No	Concentration or concentration ranges
Silicone adhesive	-	60-70
Fiber glass	65997-17-3	30-40

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

## 4. First aid measures

- (a) General information  
If inhaled Will not occur  
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

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

## 6. Accidental release measures

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

## 7. Handling and Storage

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

## 8. Exposure Controls/Personal Protection

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

## 9. Physical and Chemical Properties

### 9.1 Information on basic physical and chemical properties

- |  |                                  |
|--|----------------------------------|
| <b>(a) <u>Physical state</u></b>   | Solid                            |
| <b>(b) <u>Color</u></b>  | white                            |
| <b>(c) <u>Odor</u></b>   | Slight                           |
| <b>(d) <u>pH</u></b>   | No data available                |
| <b>(e) <u>Melting point / Freezing point</u></b>   | No information available         |
| <b>(f) <u>Boiling point / boiling range</u></b><br><b><u>boiling point</u></b>                               | Not Applicable<br>Not Applicable |
| <b>(g) <u>Flash Point</u></b>  | No data available                |
| <b>(h) <u>Evaporation rate</u></b>   | No data available                |
| <b>(i) <u>Flammability (solid, gas)</u></b>  | Non-flammable solid              |
| <b>(j) <u>Upper/lower flammability or explosive limits</u></b><br><b><u>Upper</u></b><br><b><u>Lower</u></b> | Not Applicable<br>Not Applicable |
| <b>(k) <u>vapor pressure</u></b>   | Not Applicable                   |
| <b>(l) <u>Vapor density</u></b>  | Not Applicable                   |
| <b>(m) <u>Specific gravity</u></b>   | No data available                |
| <b>(n) <u>Solubility</u></b>   | 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

## 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 May cause respiratory irritation to sensitive individuals
<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) Unknown Acute Toxicity</u>	Not Applicable
<u>(e) 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>	

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. 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

Should not be released into the environment

### 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

Packing group, if applicable Not Applicable

Environmental hazards Not Applicable

(Applicable/Not applicable)

Transport in bulk according to Not Applicable

Annex II of MARPOL 73/78 and the

IBC Code

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 Not regulated

International Carriage of Dangerous

Goods by Rail)

ADR (European Agreement concerning Not regulated

International Carriage of Dangerous

Goods by Road)

ADN Technical Name Not regulated

### 15. Regulatory information

US State Regulations

California Proposition 65

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

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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Version 1  
Source Information Raw material SDS  
 LOLI(Chem ADVISOR) GHS classification data

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**End of Safety Data Sheet**