1. Identification of the substance/mixture and of the company/undertaking

(a) Product name
Product identifier
ACRYLIC PRESSURE SENSITIVE ADHESIVE TAPE
P213LW

(b) Other means of identification
Product Code
P627-00033

(c) Recommended Use
Insulation for wire and/or cables

(d) Supplier Address
Nitto, Inc.
1990 Rutgers University Blvd. Lakewood, NJ08701, U.S.A.
TEL. +1-732-901-7905  FAX. +1-732-901-9354

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

3. Composition/information on Ingredients

Product Classification
ARTICLE

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS No.</th>
<th>Concentration or concentration ranges</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glass cloth</td>
<td>-</td>
<td>50-60</td>
</tr>
<tr>
<td>Acrylic adhesive</td>
<td>-</td>
<td>40-50</td>
</tr>
<tr>
<td>Release agent</td>
<td>-</td>
<td>&lt;3</td>
</tr>
</tbody>
</table>

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

4. First aid measures

(a) General information
Inhalation
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) Fire extinguishing agent
Prohibited media
Dry chemical, CO2, water spray or regular foam
No information available

(b) Special exposure hazards in a fire
Hazardous combustion products
No information available

Explosion data
No information available

Sensitivity to Mechanical Impact
No information available
**6. Accidental release measures**

(a) **Personal Precautions**
   - Protective equipment and emergency procedures
   - Avoid contact with eyes and skin
   - Protective gloves and safety glasses recommended

(b) **Environmental precautions**
   - Collect spillage
   - Prevent product from entering drains
   - Keep out of waterways

(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
   - No information available

(b) **Appropriate engineering controls**
   - Ensure adequate ventilation, especially in confined areas

(c) **Personal protective equipment (PPE)**
   - **Respiratory Protection**
     - None under normal use conditions
   - **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**
   - white

(c) **Odor**
   - Slight

(d) **pH**
   - No data available

(e) **Melting point / Freezing point**
   - No information available

(f) **Boiling point / boiling range**
   - Not Applicable
   - Not Applicable

(g) **Flash Point**
   - No data available

(h) **Evaporation rate**
   - No data available

(i) **Flammability (solid, gas)**
   - Non-flammable solid

(j) **Upper/lower flammability or explosive limits**
   - **Upper**
     - Not Applicable
   - **Lower**
     - Not Applicable

(k) **Vapor pressure**
   - Not Applicable

(l) **Vapor density**
   - Not Applicable

(m) **Specific gravity**
   - Not Applicable

(n) **Solubility**
   - Insoluble in water

(o) **Partition coefficient: n-octanol/water**
   - No data available

(p) **Autoignition temperature**
   - No data available

(q) **Decomposition temperature**
   - No data available

(r) **Kinematic viscosity**
   - No data available

(s) **Molecular weight**
   - No data available
10. Stability and Reactivity

(a) Reactivity
Stable under normal conditions

(b) Chemical stability
Stable under normal conditions

(c) Possibility of hazardous reactions
No data available

(d) Conditions to avoid
No information available

(e) Incompatible materials
Thermal decomposition can lead to release of irritating and toxic gases and vapors
Carbon dioxide (CO2)
Carbon monoxide

11. Toxicological Information

(a) Information on likely routes of exposure

Inhalation
Not an expected route of exposure

Ingestion
Not an expected route of exposure May cause respiratory irritation to sensitive individuals

Skin contact
May cause skin irritation to sensitive individuals

Eye contact
May cause eye irritation to sensitive individuals

(b) Most important symptoms/effects, acute and delayed:
No information available

(c) Delayed and immediate effects and also chronic effects from short- and long-term exposure

Acute Toxicity
No information available

Skin corrosion/irritation
No information available

Serious eye damage/eye irritation
No information available

Respiratory sensitization
No information available

Germ cell mutagenicity
No data available on finished product

Reproductive Toxicity
No data available on finished product

Target organ effects
No data available on finished product

Specification target internal organs/systemic toxicity (single exposure)
No data available on finished product

Specification target internal organs/systemic toxicity (repeat exposure)
No data available on finished product

Aspiration hazard
Not Applicable

(d) Carcinogenicity
The table below indicates whether each agency has listed any ingredient as a carcinogen
No data available on finished product

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>ACGIH (American Conference of Governmental Industrial Hygienists):</th>
<th>International Agency for Research on Cancer (IARC):</th>
<th>NTP (National Toxicology Program):</th>
<th>OSHA (Occupational Safety and Health Administration of the US Department of Labor):</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glass cloth</td>
<td>A3</td>
<td>Group 3</td>
<td>See below</td>
<td>-</td>
</tr>
</tbody>
</table>

ACGIH (American Conference of Governmental Industrial Hygienists): A3 - Animal Carcinogen

International Agency for Research on Cancer (IARC): Group 3 - Not classifiable as a human carcinogen

National Toxicology Program: Reasonably anticipated to be a human carcinogen (glass wool of respirable size)

12. Ecological Information

(a) Ecotoxicity
No data available on finished product

(b) Mobility in soil
No data available on finished product

(c) Persistence and degradability
No data available on finished product

(d) Bioaccumulation
No data available on finished product

(e) Other adverse effects
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 attorneys fees and costs, arising out of or relating to Customer's Waste Management Practices.

- **Contaminated packaging disposal considerations**
  See Disposal of Wastes

- **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
- **Packaging, if applicable**
  Not Applicable
- **Environmental hazards**
  Not Applicable

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code (Applicable/Not applicable)**
- **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**
- **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 the International Carriage of Dangerous Goods by Road)
- **Not regulated**

**ADN Technical Name**
- **Not regulated**

15. Regulatory information

**US Federal Regulations**
- **Not Applicable**

**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)

**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 (> 0.1wt%)

None based on the current SVHC listing, as of the date of this SDS.

16. Other information

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health Hazards</th>
<th>Flammability</th>
<th>Instability</th>
<th>Physical and Chemical Properties</th>
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<table>
<thead>
<tr>
<th>HMIS</th>
<th>Health Hazards</th>
<th>Flammability</th>
<th>Physical Hazards</th>
<th>Personal protective equipment</th>
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Issue date 26-Aug-2016
Date prepared 26-Aug-2016
Version 1
Source Information Raw material SDS
LOLI(Chem ADVISOR) GHS classification data

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In accordance with OSHA, this product is considered an article. 29 CFR 1910.1200 (b)(6)(v) exempts articles from the Hazard Communication requirements and therefore does not require that a Safety Data Sheet be provided for this product, however it is offered at the request of our customers

End of Safety Data Sheet