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

<table>
<thead>
<tr>
<th>Product name</th>
<th>DOUBLE-COATED ADHESIVE TAPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product identifier</td>
<td>NO5011N</td>
</tr>
<tr>
<td>Product Code</td>
<td>P020-00045785-0000</td>
</tr>
<tr>
<td>Supplier Address</td>
<td>Nitto Denko Corporation Toyohashi Plant</td>
</tr>
<tr>
<td></td>
<td>18, Hirayama, Nakahara-cho, Toyohashi, Aichi, 441-3194, Japan</td>
</tr>
<tr>
<td></td>
<td>TEL.+81-532-41-8461, FAX. +81-532-41-8064</td>
</tr>
<tr>
<td>Department responsible</td>
<td>Quality Management Dept. Administration Div</td>
</tr>
<tr>
<td>Emergency telephone number</td>
<td>+81-532-41-1121( TOYOHASHI PLANT)</td>
</tr>
<tr>
<td>Recommended Use</td>
<td>For bonding flame retardant parts</td>
</tr>
</tbody>
</table>

# 2. Hazards Identification

GHS Classification: Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

# 3. Composition/information on Ingredients

<table>
<thead>
<tr>
<th>Single Substance or Mixture</th>
<th>Article</th>
<th>Chemical name</th>
<th>CAS No.</th>
<th>Weight-%</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Acrylic adhesive</td>
<td>-</td>
<td>70-80</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Antimony trioxide</td>
<td>1309-64-4</td>
<td>10-20</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Nonwoven fabric</td>
<td>-</td>
<td>5-15</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Nonwoven fabric</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Silicone coated paper (Release liner)</td>
<td>-</td>
<td></td>
</tr>
</tbody>
</table>

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

# 4. First aid measures

| If inhaled                  | Will not occur           |
| Eye contact                | Wash with plenty of water and soap |
| Ingestion                  | Immediately flush with large amounts of water for at least 15 minutes. Examination and treatment by a physician if necessary |
| Most important symptoms/effects, acute and delayed | Immediately induce vomiting and then consult a doctor |

# 5. Fire-fighting measures

| Fire extinguishing agent   | Carbon dioxide (CO2) |
|                           | Extinguishing powder  |
|                           | Water                 |
|                           | ABC-powder            |

| Prohibited media           | No information available |
| Special exposure hazards in a fire | Burning produces poisonous gases |
| Specific extinguishing methods | No information available |
| Advice for fire-fighters   | Due to poisonous gas (chlorine gas and so on) may be occurred, if needed, use Gas mask and Goggles |

# 6. Accidental release measures

| Personal Precautions       | Will not occur. Not specified |
| Environmental precautions   | Will not occur. Not specified |
| Methods and material for containment and cleaning up | Will not occur. Not specified |
7. Handling and Storage

Handling
Technical measures:
Do not use the tape for the part susceptible to damage by corrosion. Because the tape may generate corrosive gas when is used under high humidity and high temperature for long period
Local and general exhaust ventilation
Provide adequate ventilation when performing high-temperature processing
Precautions for safe handling
None in particular
Remarks
Use caution and protective gloves to avoid cuts with edges of tape liners

Storage
Technical measures:
None in particular
Storage conditions
Store at room at room temperature and normal humidity away from direct sunlight
Storage conditions to avoid
Avoid high temperature
Incompatible materials
No information available
Conditions for safe storage, including any incompatibilities
Shipping package

8. Exposure Controls/Personal Protection

Control parameters
Permissible concentration
Unset
Appropriate engineering controls
Not required
Personal protective equipment [PPE]
Respiratory Protection
Not required
Hand protection
Not required
Eye protection
Not required
Skin protection
Not required
General hygiene considerations
None under normal use conditions

9. Physical and Chemical Properties

Physical state
Solid
Roll type
Color
white
Odor
None in particular
pH
No data available
Melting point / Freezing point
boiling point
No data available
No data available
Boiling point / boiling range
No data available
Flash Point
184 °C
Rapid equilibrium method
Autoignition temperature
Upper
No data available
Lower
No data available
Vapor pressure
No data available
Vapor density
No data available
Specific gravity
approx 1.0
Solubility
Insoluble in water
Partition Coefficient (n-octanol/water)
No data available
Decomposition temperature
No data available

10. Stability and Reactivity

Reactivity
Stable under normal conditions of use and storage
Possibility of hazardous reactions
No data available
Conditions to avoid
None in particular
Incompatible materials
No information available
Hazardous decomposition products
No information available

11. Toxicological Information

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 information available
Reproductive Toxicity
No information available
Specification target internal organs/systemic toxicity (single)
No information available
12. Ecological Information

- **Persistence and degradability**: No information available
- **Bioaccumulation**: No information available
- **Mobility in soil**: No information available
- **Ozone depletion potential (ODP)**: No information available

13. Disposal Considerations

- **Waste treatment methods**: Do not incinerate. Incinerating the product may produce fumes or odors. Disposal should be in accordance with applicable regional, national and local laws and regulations. Contact an authorized industrial waste treatment company for off-site disposal.
- **Contaminated packaging**: Package: Contact a recycling manufacture.

14. Transport Information

- **International regulations**
  - **Transport hazard class**: Not Applicable
  - **UN number**: Not Applicable
- **Japanese regulation**: Not Applicable
- **Special precautions in connection with transport or conveyance**: Do not store in long term under high temperature or leave outdoors.

15. Regulatory information

- **Local regulation**: Fire Service Act. Product body: Not applicable. Release liner: Designated flammable material (Synthetic resins: Other). Treatment method of Japanese regulation Fire Service Act should comply with local law and regulations.
- **Foreign regulation**: Contact NITTO for more information.
- **California Proposition 65**: This product contains the following Proposition 65 chemicals:

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>California Proposition 65</th>
</tr>
</thead>
<tbody>
<tr>
<td>Antimony trioxide</td>
<td>Carcinogen</td>
</tr>
</tbody>
</table>

- **REACH 7 Article 33 Article SVHC notification (> 0.1 wt.%)**: Not Applicable

16. Other information

- **Creation date**: 17-Sep-2014
- **Revision date**: 07-Dec-2018
- **Version**: 6
- **Key literature references and sources for data**
  - JIS Z 7252 : 2009 Classification of chemicals based on "Globally Harmonized System of Classification and Labelling of Chemicals (GHS)"
  - JIS Z7253 : 2012 Safety data sheet for chemical products -Content and order of sections

**Disclaimer**

Contents are based on documents, information and data which are available at this time, but nothing is guaranteed as regards content, physical and chemical properties, hazards. Also precautions are subject to ordinary handling, so please take safety measures as usage in special cases. The regulatory information presented here should not necessarily be considered as all-inclusive. Other local and international regulations may also apply.

*End of Safety Data Sheet*