Safety Data Sheet

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

Product name: DOUBLE-COATED ADHESIVE TAPE
Product identifier: NO513
Product Code: P020-00045138-0000
Supplier Address: Nitto Denko Corporation Toyohashi Plant
18, Hirayama, Nakahara-cho, Toyohashi, Aichi, 441-3194, Japan
TEL.+81-532-41-8461, FAX. +81-532-41-8064
Department responsible: Quality Management Dept. Administration Div
Emergency telephone number: +81-532-41-1121 (TOYOHASHI PLANT)
Recommended Use: Fixing printing panel

2. Hazards Identification

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

3. Composition/information on Ingredients

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS No.</th>
<th>Weight-%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rubber pressure sensitive adhesive</td>
<td>-</td>
<td>65-75</td>
</tr>
<tr>
<td>Japanese paper</td>
<td>-</td>
<td>25-35</td>
</tr>
<tr>
<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
- **Skin contact**: Wash with plenty of water and soap
- **Eye contact**: Immediately flush with large amounts of water for at least 15 minutes. Examination and treatment by a physician if necessary
- **Ingestion**: Immediately induce vomiting and then consult a doctor

**Most important symptoms/effects, acute and delayed**: No information available

**Self-protection of the first aider**: No information available

**Note to physicians**: No information available

5. Fire-fighting measures

**Fire extinguishing agent**: Bags of water, ABC multi-purpose extinguisher, powder extinguisher, CO2 extinguisher

**Prohibited media**: No information available

**Special exposure hazards in a fire**: No information available

**Specific extinguishing methods**: Wear full protective clothing and self-contained breathing apparatus with full face-piece as needed

6. Accidental release measures

**Personal Precautions**: Will not occur. Not specified
**Protective equipment and emergency procedures**: 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**: None in particular

Technical measures:
### Local and general exhaust ventilation
- Not required for use in normal temperature
- Provide adequate ventilation when performing high-temperature processing
- None in particular
- Use caution and protective gloves to avoid cuts with edges of tape liners

### Storage
#### Technical measures:
- None in particular

#### Storage conditions
- Store at room temperature and normal humidity away from direct sunlight

#### Storage conditions to avoid
- Avoid high temperature

#### Incompatible materials
- No data available

#### Conditions for safe storage, including any incompatibilities
- Shipping package

### 8. Exposure Controls/Personal Protection

#### Control parameters
- Unset

#### 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
- Roll type

#### Color
- Translucent

#### Odor
- None in particular

#### pH
- No data available

#### Melting point / Freezing point
- No data available

#### Boiling point
- No data available

#### Boiling point / boiling range
- No data available

#### Flash Point
- No data available

#### Autoignition temperature
- **Upper**: No data available
- **Lower**: No data available

#### Vapor pressure
- No data available

#### Vapor density
- No data available

#### Specific gravity
- Approx 1

#### 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 data 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 exposure)
- No information available

#### Specification target internal organs/systemic toxicity (repeat exposure)
- No information available

#### Aspiration hazard
- No information available

### 12. Ecological Information

| **Persistence and degradability** | No information available |
| **Bioaccumulation** | No information available |
| **Ozone depletion potential (ODP)** | No information available |

### 13. Disposal Considerations

**Waste treatment methods**
- 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**
- Japanese regulation Fire Service Act : Designated flammable material (Synthetic resins : Other)

**Foreign regulation**
- Contact NITTO for more information

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

### 16. Other information

**Creation date**
- 04-Sep-2014

**Revision date**
- 30-Jan-2019

**Version**
- 2

**Other information**
- The regulatory information presented here should not necessarily be considered as all-inclusive. Other local and international regulations may also apply.
- 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

**End of Safety Data Sheet**