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

Product name: DOUBLE-COATED ADHESIVE TAPE
Product identifier: NO.5620A
Product Code: P020-00038694-0000
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 of parts for mobile phone and electronic parts

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>Single Substance or Mixture</th>
<th>Chemical name</th>
<th>CAS No.</th>
<th>Weight-%</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Polyester film</td>
<td>-</td>
<td>55-65</td>
</tr>
<tr>
<td></td>
<td>Acrylic adhesive</td>
<td>-</td>
<td>35-45</td>
</tr>
<tr>
<td></td>
<td>Silicone coated paper</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: In the case of skin irritation or allergic reactions see a physician
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
Self-protection of the first aider: No information available
Note to physicians: No information available

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: No information available
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
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

Technical measures: None in particular
Local and general exhaust ventilation: Not required for use in normal temperature
Precautions for safe handling: Provide adequate ventilation when performing high-temperature processing
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 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
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 1.2

Partition Coefficient (n-octanol/water)
No data available

decomposition temperature
No data available

Other Data

Flammability

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
12. Ecological Information

<table>
<thead>
<tr>
<th>Specification</th>
<th>No information available</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reproductive Toxicity</td>
<td>No information available</td>
</tr>
<tr>
<td>Specification target internal organs/systemic toxicity (single exposure)</td>
<td>No information available</td>
</tr>
<tr>
<td>Specification target internal organs/systemic toxicity (repeat exposure)</td>
<td>No information available</td>
</tr>
<tr>
<td>Aspiration hazard</td>
<td>No information available</td>
</tr>
</tbody>
</table>

13. Disposal Considerations

| Waste treatment methods | Disposal should be in accordance with applicable regional, national and local laws and regulations. When burning it, use an incinerator which satisfies its technical guidelines (the residence time is 2 seconds or more at a temperature of 800 °C centigrade or more). Contact an authorized industrial waste treatment company for off-site disposal. |
| Contaminated packaging | Package: Contact a recycling manufacturer |

14. Transport Information

| International regulations | Not Applicable |
| 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-Jul-2014 |
| Revision date | 18-Jul-2018 |
| Version | 5 |
| Key literature references and sources for data | JIS Z7253: 2012 Safety data sheet for chemical products -Content and order of sections, JIS Z7252: 2009 Classification of chemicals based on "Globally Harmonized System of Classification and Labelling of Chemicals (GHS)" |

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