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

Product name
DOUBLE-COATED ADHESIVE TAPE

Product identifier
NO.5000ND

Product Code
P020-00031615-0000

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
For fixing general nameplates
For bonding metal
For bonding plastic

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>Chemical name</th>
<th>CAS No.</th>
<th>weight-%</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Acrylic adhesive</td>
<td>-</td>
<td>85-95</td>
</tr>
<tr>
<td></td>
<td>Nonwoven fabric</td>
<td>-</td>
<td>5-15</td>
</tr>
<tr>
<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

Skin contact
Wash with plenty of water and soap

Eye contact
In the case of skin irritation or allergic reactions see a physician
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
Carbon dioxide (CO2)
Extinguishing powder
Water

Prohibited media
No information available

Special exposure hazards in a fire
None in particular

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
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
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 1.0
Solubility
Insoluble in water
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 information 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 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
Mobility in soil: 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. 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 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: 02-Jul-2014
Revision date: 06-Apr-2018
Version: 5
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