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

Product name       DOUBLE-COATED ADHESIVE TAPE
Product identifier  M-5205
Product Code        P020-00032989-0000
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    Bonding of 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>Chemical name</th>
<th>CAS No.</th>
<th>Weight-%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rubber pressure sensitive adhesive</td>
<td>-</td>
<td>75-85</td>
</tr>
<tr>
<td>Polyester nonwoven fabric</td>
<td>-</td>
<td>15-25</td>
</tr>
<tr>
<td>Silicone coated polyester film (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
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 No information available
Advice for fire-fighters 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 Technical measures: None in particular
Local and general exhaust ventilation
Precautions for safe handling
Remarks

Storage
Technical measures:
Storage conditions
Storage conditions to avoid
Incompatible materials
Conditions for safe storage, including any incompatibilities

8. Exposure Controls/Personal Protection

Control parameters
Permissible concentration
Appropriate engineering controls

Personal protective equipment [PPE]
Respiratory Protection
Hand protection
Eye protection
Skin protection

General hygiene considerations

9. Physical and Chemical Properties

Physical state
Color
Odor
Melting point / Freezing point
Boiling point
Boiling point / boiling range
Flash Point
Autoignition temperature
Vapor pressure
Vapor density
Specific gravity
Solubility
Partition Coefficient (n-octanol/water)
Decomposition temperature

10. Stability and Reactivity

Reactivity
Possibility of hazardous reactions
Conditions to avoid
Incompatible materials
Hazardous decomposition products

11. Toxicological Information

Acute Toxicity
Skin corrosion/irritation
Serious eye damage/eye irritation
Respiratory sensitization
Germ cell mutagenicity
Reproductive Toxicity
Specification target internal organs/systemic toxicity (single exposure)
Specification target internal organs/systemic toxicity (repeat exposure)
Aspiration hazard
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: 26-Nov-2018
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