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

- **Product name**: Polyester adhesive tape
- **Product identifier**: NO31E-75
- **Product Code**: P020-00032742-0011
- **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 electric insulation and protection

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>Printed polyester film</td>
<td>-</td>
<td>55-75</td>
</tr>
<tr>
<td></td>
<td>Rubber pressure sensitive adhesive</td>
<td>-</td>
<td>25-45</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**: In the case of skin irritation or allergic reactions see a physician
  Peel slowly, then rinse in water
- **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**: Water
- **Prohibited media**: ABC-powder, Extinguishing powder, Carbon dioxide (CO2)
- **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: None in particular
Remarks: None in particular

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 data 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
Roll type
Solid

Color
This product has the color of the following kind;
red
yellow
green
blue
white
Gray
Black

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
Lower

Vapor pressure
No data available

Specific gravity
Approx 1.3

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 data available

Conditions to avoid
No information available

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
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  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  16-Sep-2014
Revision date  27-Jul-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
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