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

**Product name**: Polyester adhesive tape

**Product identifier**: NO31D-75

**Product Code**: P020-00032732-0000

**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 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>Polyester film</td>
<td></td>
<td>-</td>
<td>50-85</td>
</tr>
<tr>
<td>Rubber pressure sensitive adhesive</td>
<td></td>
<td>-</td>
<td>15-50</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**: 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**: None in particular

**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
pH
Melting point / Freezing point
Boiling point
Boiling point / boiling range
Flash Point
Autoignition temperature
Upper
Lower
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

No information available
No information available
No information available
No information available
No information available
No information available
No information available
No information available
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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
27-Jul-2018
Version
3
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