SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Name: PET adhesive tape
Product Identifier: NO.31RH-75 Yellow
Product code: P020-00032819-0014
Supplier Address: Nitto Denko Corporation Toyohashi Plant
18, Hirayama, Nakahara-cho, Toyohashi, Aichi, 441-3194, Japan
TEL.+81-532-41-7242, FAX. +81-532-41-7284
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

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>Concentration or concentration ranges</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polyehtylene terephthalate</td>
<td>25038-59-9</td>
<td>55-80</td>
<td></td>
</tr>
<tr>
<td>Acrylic resin</td>
<td>-</td>
<td>20-45</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

EYES
- Will not occur

INGESTION
- Will not occur

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
- ABC-powder
- Extinguishing powder
- Carbon dioxide (CO2)

Prohibited media
- No information available

Special exposure hazards in a fire
- No information available

Specific extinguishing methods
- No information available

Advice for firefighters
- 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 materials for containment and cleaning up
- Will not occur. Not specified.

7. HANDLING AND STORAGE

NITTO DENKO CORPORATION STRUCTURE(55)
Handling
- Technical measures: None in particular
- Local and general exhaust ventilation: Not required for use in normal temperature. Provide adequate ventilation when performing high-temperature processing.
- Comments: None in particular
- Precautions for safe handling: None in particular

Storage
- Technical measures: None in particular
- Storage Conditions: Store at room temperature and normal humidity away from direct sunlight. Avoid high temperature.
- Storage conditions to avoid: No data available
- Incompatible Materials: No data 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
- Hygiene considerations: Normally not required

9. PHYSICAL AND CHEMICAL PROPERTIES

- Physical State: Roll type solid
- Color: yellow
- Odor: None in particular
- pH: No data available
- Melting/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
- Specific gravity: approximately 1.2
- Solubility: Insoluble in water
- Partition coefficient: No data available
- Decomposition temperature: No data available
- Other Data: No data available

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 or Skin sensitization: No information available
- Germ Cell Mutagenicity: No information available
- Carcinogenicity: No information available
- Reproductive Toxicity: No information available
- Speciation target internal organs/systemic toxicity (single exposure): No information available
Specification target internal organs/systemic toxicity (repeat exposure)
Aspiration toxicity

No information available

12. ECOLOGICAL INFORMATION

Mobile
Persistence and degradability
Bioaccumulation
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

National regulations
(c) Transport hazard class
(a) UN Number

Not applicable
Not applicable

Japanese regulations

Not applicable

(g) Special precautions in connection with transport or conveyance
Do not store in long term under high temperature and leave out field

15. REGULATORY INFORMATION

Local regulation:
Japanese regulation Fire Service Act : Designated flammable material (Synthetic resins : Other)

Foreign regulation
Contact NITTO for more information.

REACH SVHC information
Not applicable

16. OTHER INFORMATION

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Date prepared 11-Sep-2014
Version 1

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. Precautions are subject to ordinary handling; take safety measures as usage in special cases Also precautions are subject to ordinary handling, so please take safety measures as usage in special cases

End of Safety Data Sheet