SAFETY DATA SHEET

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

Product Name: PET adhesive tape
Product Identifier: NO.31RH-75 Transparent
Product code: P020-00032819-0033
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

Single Substance or Mixture article

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No</th>
<th>Concentration or concentration ranges</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polyethylene terephthalate</td>
<td>25038-59-9</td>
<td>55-80</td>
</tr>
<tr>
<td>Acrylic resin</td>
<td></td>
<td>20-45</td>
</tr>
</tbody>
</table>

* The exact percentage (concentration) of composition has been withheld as a trade secret

4. FIRST AID MEASURES

IF INHALED
Skin: Will not occur
In the case of skin irritation or allergic reactions see a physician
Peel slowly, then rinse in water.

Eyes: Immediately flush with large amounts of water for at least 15 minutes. Examination and treatment by a physician if necessary.
Immediately induce vomiting and then consult a doctor.

Ingestion: No information available

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

Page 1 / 3
Handling
Technical measures: None in particular
Local and general exhaust ventilation: Not required for use in normal temperature.
Comments: Provide adequate ventilation when performing high-temperature processing.
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
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

Hygiene considerations: Normally not required

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State
Roll type
solid

Color
transparence

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

Partition coefficient:
No data available

Decomposition temperature
No data available

Other Data
Decomposition:
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/eve 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

Specification target internal organs/systemic toxicity (single exposure)
No information available
Specification target internal organs/systemic toxicity (repeat exposure): No information available
Aspiration toxicity: No information available

12. ECOLOGICAL INFORMATION
Mobile: No information available
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
National regulations (c) Transport hazard class: Not applicable
(a) UN Number: Not applicable
Japanese regulations (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
Issue Date: 11-Sep-2014
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