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

Product Name: PET adhesive tape
Product Identifier: NO.31RH-75 Red
Product code: P020-00032819-0011
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>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
Eyes: In the case of skin irritation or allergic reactions see a physician
Peel slowly, then rinse in water.

Ingestion: 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.

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
Handling
Technical measures: None in particular
Local and general exhaust ventilation: 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.
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
Color
red
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:
Lower:
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: 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 information 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
Specification 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

Mobile
Persistence and degradability
Bioaccumulation
Ozone depletion potential (ODP):
No information available

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 manufacturer.

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

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