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

Product name: PET adhesive tape
Product identifier: NO.31RH-75 White
Product Code: P020-00032819-0025
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></td>
<td>Polyethylene terephthalate</td>
<td>25038-59-9</td>
<td>55-80</td>
</tr>
<tr>
<td></td>
<td>Acrylic resin</td>
<td>-</td>
<td>20-45</td>
</tr>
<tr>
<td></td>
<td>Titanium dioxide</td>
<td>13463-67-7</td>
<td>2-4</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: In the case of skin irritation or allergic reactions see a physician
Eyes: 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
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 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
Treatment

Technical measures:

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

Remarks

Precautions for safe handling

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

None under normal use conditions

9. Physical and Chemical Properties

Physical State:

Roll type

Solid

paint

white

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

No data available

Lower

No data available

vapor pressure

No data available

Specific gravity

approx 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 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

Carcinogenicity

No information available

Reproductive Toxicity

No information available

Specification target internal organs/systemic toxicity (single exposure):

No information available

Specification target internal

No information available
organs/systemic toxicity (repeat exposure)  
Aspiration hazard  
No information available

12. Ecological Information

Persistence and degradability  
No information available
Bioaccumulation  
No information available
Mobility  
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
Contact a recycling manufacture

Contaminated packaging
Contact a recycling manufacture

14. Transport Information

National regulations
Transport hazard class  
Not Applicable
UN/ID-Nr  
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 (> 0.1wt%)  
Not Applicable

16. Other information

Issue date:  
11-Sep-2014
Date prepared  
09-Jun-2016
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  
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 Material Safety Data Sheet