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

Product Name: Acrylic double-coated adhesive tape
Product Identifier: NO.5601
Product code: P020-00038487-0000
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 bonding various components of LCD
For bonding film

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>Acrylic resin</td>
<td>-</td>
<td>70-80</td>
</tr>
<tr>
<td>Polyethylene terephthalate</td>
<td>25038-59-9</td>
<td>20-30</td>
</tr>
<tr>
<td>Polyethylene Terephthalate (Release liner)</td>
<td>25038-59-9</td>
<td>-</td>
</tr>
</tbody>
</table>

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

4. FIRST AID MEASURES

Inhalation: Will not occur
Skin: Wash with plenty of water and soap
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 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: Not required for use in normal temperature
- Comments: Use caution and protective gloves to avoid cuts with edges of tape liners
- 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
- 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: None under normal use conditions

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State
- Roll type
- solid
- translucent

Color
- None in particular

Odor
- No data available

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
- approx 1.3

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 data 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

Specification target internal organs/systemic toxicity (single
- No information available
12. ECOLOGICAL INFORMATION

Persistence and degradability
No information available
Bioaccumulation
No information available
Mobility in soil
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
Transport hazard class
Not applicable
UN Number
Not applicable
Japanese regulations
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: 03-Jul-2014
Date prepared 16-Nov-2015
Version 3
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
The regulatory information presented here should not necessarily be considered as all-inclusive. Other local and international regulations may also apply