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

**Product name**
DOUBLE-COATED ADHESIVE TAPE

**Product identifier**
NO.5603

**Product Code**
P020-00038182-0000

**Supplier Address**
Nitto Denko Corporation Toyohashi Plant 18, Hirayama, Nakahara-cho, Toyohashi, Aichi, 441-3194, Japan
TEL.+81-532-41-8461, FAX. +81-532-41-8064

**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 spacer

2. Hazards Identification

**GHS Classification**
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>Article</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Chemical name</strong></td>
<td><strong>CAS No.</strong></td>
</tr>
<tr>
<td>Acrylic adhesive</td>
<td>-</td>
</tr>
<tr>
<td>Polyester film</td>
<td>-</td>
</tr>
<tr>
<td>Silicone coated polyester film (Release liner)</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

**Skin contact**
Peel slowly, then rinse in water

**Eye contact**
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**
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
Precautions for safe handling: Provide adequate ventilation when performing high-temperature processing
Remarks: Use caution and protective gloves to avoid cuts with edges of tape liners

Storage
Technical measures: None in particular
Storage conditions: Store at room 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

General hygiene considerations: None under normal use conditions

9. Physical and Chemical Properties

Physical state
Roll type
Solid
Color: translucent
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 1.3
Solubility: Insoluble in water
Partition Coefficient (n-octanol/water): No data available
decomposition temperature: 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 sensitization: No information available
Germ cell mutagenicity: 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 hazard: 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
International regulations
Transport hazard class: Not Applicable
UN number: 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 (> 0.1 wt. %): Not Applicable

16. Other information
Creation date: 03-Jul-2014
Revision date: 28-Mar-2018
Version: 5
Key literature references and sources: 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.

End of Safety Data Sheet