# Safety Data Sheet

**Creation date** 16-Jul-2014 **Revision date** 18-May-2022 **Version** 5

## 1. Identification

**Product name** DOUBLE-COATED ADHESIVE TAPE

**Product identifier** NO.5620BWN

**Product Code** P020-00056104-0000

**Supplier Address** Nitto Denko Corporation Toyohashi Plant
18, Hirayama, Nakahara-cho, Toyohashi, Aichi, 441-3194, Japan
TEL.+81-532-41-8461, FAX. +81-532-43-1879

**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

**GHS Classification**
**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

| Chemical name | CAS RN® | Weight-% |
|---|---|---|
| Polyester film | - | 65-75 |
| Acrylic adhesive | - | 25-35 |
| Silicone coated polyester film (Release liner) | - | - |

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

## 4. First aid measures

**If inhaled** Will not occur
**Skin contact** Wash with plenty of water and soap
In the case of skin irritation or allergic reactions see a physician
**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 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

**Handling**

| | |
|---|---|
| **Technical measures:** | None in particular |
| **Local and general exhaust ventilation** | Not required for use in normal temperature<br>Provide adequate ventilation when performing high-temperature processing |
| **Precautions for safe handling** | None in particular |
| **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** | 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 |

**General hygiene considerations** None under normal use conditions

## 9. Physical and Chemical Properties

| | |
|---|---|
| **Physical state** | Roll type<br>Solid |
| **Color** | Black |
| **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** | No data available |
| **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 |
| **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 |
| **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 |
| **Hazardous to the Ozone Layer** | No information available |

## 13. Disposal Considerations

| | |
|---|---|
| **Waste treatment methods** | Disposal should be in accordance with applicable regional, national and local laws and regulations<br>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).<br>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** | 16-Jul-2014 |
| **Revision date** | 18-May-2022 |
| **Version** | 5 |
| **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 7252：2019 Classification of chemicals based on "Globally Harmonized System of Classification and Labelling of Chemicals (GHS)"<br>JIS Z7253：2019 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 Safety Data Sheet**