# Safety Data Sheet

**Creation date** 01-Sep-2025 **Revision date** 01-Sep-2025 **Version** 1

## 1. Identification

**Product name** DOUBLE-COATED ADHESIVE TAPE

**Product identifier** FR501

**Product Code** P020-000A0PJ5-0000

**Supplier Address** Nitto Denko Corporation Toyohashi Plant
18, Hirayama, Nakahara-cho, Toyohashi, Aichi, 441-3194, Japan
TEL.+81-532-41-1121, FAX. +81-532-41-7288

**Department responsible** Quality Management Dept. Administration Div

**Emergency telephone number** +81-532-41-1121(TOYOHASHI PLANT)

**Recommended Use** For bonding flame retardant parts

## 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-% |
|---|---|---|
| Acrylic resin | - | 40-50 |
| Flame retardant | - | 40-50 |
| Nonwoven fabric | - | 5-10 |
| Melamine | 108-78-1 | 3-7 |
| Release paper (Release liner) | - | - |

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

## 4. First aid measures

**Skin contact** Peel off slowly
A flush is desirable when an adhesion agent is touched directly

**Eye contact** In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice

**Ingestion** Get immediate medical advice/attention

## 5. Fire-fighting measures

**Fire extinguishing agent** Bags of water, ABC multi-purpose extinguisher, powder extinguisher, CO2 extinguisher

**Specific extinguishing methods** No special methods required

**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**

**Precautions for safe handling** None in particular

**Storage**

**Storage conditions** Store at room temperature and normal humidity away from direct sunlight

## 8. Exposure Controls/Personal Protection

| | |
|---|---|
| **Control parameters** | Unset |
| **Permissible concentration** | Not specified by the Japan Industrial Health Institute or ACGIH |
| **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 |

## 9. Physical and Chemical Properties

| | |
|---|---|
| **Physical state** | Solid<br>Roll type |
| **Color** | white |
| **Odor** | No information available |
| **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 |
| **Vapor density** | No data available |
| **Specific gravity** | No data available |
| **Solubility** | insoluble |
| **Partition Coefficient (n-octanol/water)** | No data available |
| **Decomposition temperature** | No data available |

## 10. Stability and Reactivity

| | |
|---|---|
| **Chemical stability** | Stable under normal handling conditions |
| **Conditions to avoid** | No information available |
| **Hazardous decomposition products** | No information available |

## 11. Toxicological Information

| | |
|---|---|
| **Acute Toxicity** | No information available |
| **Skin corrosion/irritation** | Repeated or prolonged skin contact may cause allergic reactions with susceptible persons |
| **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 organs/systemic toxicity (repeat exposure)** | No information available |
| **Aspiration hazard** | No information available |

## 12. Ecological Information

| | |
|---|---|
| **Persistence and degradability** | No information available |
| **Ecotoxicity** | 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** | Dispose of wastes by licensed industrial waste disposer to comply with the local laws and regulations |

## 14. Transport Information

**International regulations**

**Transport hazard class** Not applicable

**UN Number** Not Applicable

**Japanese regulation** Japanese regulations :
Land: Follow the transportation method specified in Fire Service Act, Road Act, Industrial Safety and Health Act, etc
Ocean: Follow the transportation method specified in Ship Safety Act
Air: Follow the transportation method specified in Civil Aeronautics Act

**Special precautions in connection with transport or conveyance** Store in the package for supply and under conditions in the specification document

## 15. Regulatory information

**Local regulation** Fire Service Act.
Product body: Not applicable
Release liner: Designated flammable material (Synthetic resins: Other)
Treatment method of Japanese regulation Fire Service Act should comply with local law and regulations

**Foreign regulation** Contact NITTO for more information

**REACH 7 Article 33 Article SVHC notification (> 0.1 wt. %)**

| Chemical name | REACH 7 Article 33 Article SVHC notification (> 0.1 wt. %) |
|---|---|
| Melamine | Contains |

## 16. Other information

**Creation date** 01-Sep-2025

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**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)"
JIS Z7253：2019 Safety data sheet for chemical products -Content and order of sections
Raw material SDS

**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**