

Issue Date: 17-Sep-2014

Date prepared 16-Nov-2015

Version 3

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

**Product Name:** Acrylic double-coated adhesive tape

**Product Identifier** NO.5011N

**Product code** P020-00045785-0000

**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 flame retardant parts

## 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

Single Substance or Mixture	Article	Chemical Name	CAS No.	Concentration or concentration ranges
		Acrylic resin	-	70-80
		Antimony trioxide	1309-64-4	10-20
		Cellulose (Nonwoven fabric)	9004-34-6	5-15
		Cellulose (Release liner)	9004-34-6	-

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

\* "Non-woven fabric" is classified under a law called Customs Act of Fixed Rate Chapter 48 "Paper and paperboard; articles of paper pulp, of paper or of paperboard"

## 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** Carbon dioxide (CO2)  
Extinguishing powder  
Water  
ABC-powder

**Prohibited media** No information available

**Special exposure hazards in a fire** Burning produces poisonous gases

**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

<b>Technical measures:</b>	Do not use the tape for the part susceptible to damage by corrosion. Because the tape may generate corrosive gas when is used under high humidity and high temperature for long period
<b>Local and general exhaust ventilation</b>	Not required for use in normal temperature
<b>Comments</b>	Provide adequate ventilation when performing high-temperature processing
<b>Precautions for safe handling</b>	Use caution and protective gloves to avoid cuts with edges of tape liners None in particular

### Storage

<b>Technical measures:</b>	None in particular
<b>Storage Conditions</b>	Store at room at room temperature and normal humidity away from direct sunlight
<b>Storage conditions to avoid</b>	Avoid high temperature
<b>Incompatible Materials:</b>	No information available
<b>Conditions for safe storage, including any incompatibilities</b>	Shipping package

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Control parameters</b>	Unset
<b>Permissible concentration</b>	Unset
<b>Appropriate engineering controls</b>	Not required

### Personal protective equipment [PPE]

<b>Respiratory Protection</b>	Not required
<b>Hand Protection:</b>	Not required
<b>Eye protection</b>	Not required
<b>Skin protection</b>	Not required

**Hygiene considerations:** None under normal use conditions

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State</b>	solid Roll type
<b>Color</b>	white
<b>Odor</b>	None in particular
<b>pH</b>	No data available
<b>melting/freezing point</b>	No data available
<b>Boiling Point</b>	No data available
<b>Boiling point / boiling range</b>	No data available
<b>Flash point:</b>	No data available
<b>Autoignition Temperature:</b>	No data available
<b>Upper</b>	No data available
<b>Lower</b>	No data available
<b>Vapor Pressure</b>	No data available
<b>Vapor density:</b>	No data available
<b>specific gravity</b>	approx 1.0
<b>solubility</b>	Insoluble in water.
<b>Partition coefficient:</b>	No data available
<b>Decomposition temperature</b>	No data available

## 10. STABILITY AND REACTIVITY

<b>Reactivity</b>	Stable under normal conditions of use and storage
<b>Possibility of hazardous reactions</b>	No data available
<b>Conditions to avoid</b>	None in particular
<b>Incompatible Materials:</b>	No information available
<b>Hazardous decomposition products:</b>	No information available

## 11. TOXICOLOGICAL INFORMATION

<b>Acute toxicity</b>	No information available
<b>Skin corrosion/irritation</b>	No information available
<b>Serious eye damage/eye irritation</b>	No information available
<b>Respiratory or Skin sensitization</b>	No information available
<b>Germ Cell Mutagenicity</b>	No information available
<b>Carcinogenicity</b>	No information available

<u>Reproductive Toxicity</u>	No information available
<u>Specification target internal organs/systemic toxicity (single exposure)</u>	No information available
<u>Specification target internal organs/systemic toxicity (repeat exposure)</u>	No information available
<u>Aspiration toxicity</u>	No information available

## 12. ECOLOGICAL INFORMATION

<u>Persistence and degradability</u>	No information available
<u>Bioaccumulation</u>	No information available
<u>Mobility in soil</u>	No information available
<u>Ozone depletion potential (ODP):</u>	No information available

## 13. DISPOSAL CONSIDERATIONS

<u>Waste treatment methods</u>	Do not incinerate Incinerating the product may produce fumes or odors Disposal should be in accordance with applicable regional, national and local laws and regulations Contact an authorized industrial waste treatment company for off-site disposal
<u>Contaminated packaging</u>	Package: Contact a recycling manufacture

## 14. TRANSPORT INFORMATION

<u>National regulations</u>	
<u>Transport hazard class</u>	Not applicable
<u>UN Number</u>	Not applicable
<u>Japanese regulations</u>	Not applicable
<u>Special precautions in connection with transport or conveyance</u>	Do not store in long term under high temperature or leave outdoors

## 15. REGULATORY INFORMATION

<u>Local regulation :</u>	Japanese regulation Fire Service Act : Designated flammable material (Synthetic resins : Other)
<u>Foreign regulation</u>	Contact NITTO for more information
<u>California Proposition 65</u>	This product contains the following Proposition 65 chemicals

Chemical Name	California Proposition 65
Antimony trioxide	Carcinogen

<u>REACH 7 Article 33 Article SVHC notification (&gt; 0.1wt%)</u>	Not applicable
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## 16. OTHER INFORMATION

<u>Issue Date:</u>	17-Sep-2014
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<u>Version</u>	3
<u>Key literature references and sources for data</u>	JIS Z7253 : 2012 Safety data sheet for chemical products -Content and order of sections JIS Z 7252 : 2009 Classification of chemicals based on "Globally Harmonized System of Classification and Labelling of Chemicals (GHS)"

### 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**