

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

<b><u>Product Name:</u></b>	PVC adhesive tape
<b><u>Product Identifier</u></b>	PVC 21A
<b><u>Product code</u></b>	-
<b><u>Supplier Address</u></b>	Nitto Denko (Shanghai Songjiang) CO.,LTD. 716, Lianyang Road, Songjiang Industrial Zone, Shanghai, 201613, China TEL.(+86) 021-5774-2184, FAX. (+86) 021-5774-2185
<b><u>Department responsible</u></b>	Quality Assurance Dept.
<b><u>Emergency Telephone Number</u></b>	(+86) 021-5774-2184
<b><u>Recommended Use</u></b>	For electric insulation; For unity, identification;

## 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

<u>Chemical Name</u>	<u>CAS No</u>	<u>Concentration or concentration ranges</u>
Polyvinyl chloride Film	-	57-67
Di-isononyl phthalate	28553-12-0	23-33
Rubber based adhesive	-	7-13

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

## 4. FIRST AID MEASURES

<b><u>IF INHALED</u></b>	Will not occur
<b><u>skin</u></b>	Wash with plenty of water and soap. If irritation occurs, seek medical attention.
<b><u>Eyes</u></b>	In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
<b><u>Ingestion</u></b>	Immediately induce vomiting and then consult a doctor.
<b><u>Most important symptoms/effects, acute and delayed:</u></b>	No information available
<b><u>Self-protection of the first aider</u></b>	No information available
<b><u>Note to physicians</u></b>	No information available

## 5. FIRE-FIGHTING MEASURES

<b><u>Fire extinguishing agent</u></b>	Bags of water ABC-powder Extinguishing powder Carbon dioxide (CO <sub>2</sub> )
<b><u>Prohibited media</u></b>	No information available
<b><u>Special exposure hazards in a fire</u></b>	Burning produces poisonous gases
<b><u>Specific extinguishing methods</u></b>	No information available
<b><u>Advice for firefighters</u></b>	Due to poisonous gas (chlorine gas and so on) may be occurred, if needed, use Gas mask and Goggles.

## 6. ACCIDENTAL RELEASE MEASURES

<b><u>Personal Precautions</u></b>	Will not occur. Not specified.
<b><u>Protective equipment and emergency procedures</u></b>	Will not occur. Not specified.
<b><u>Environmental Precautions</u></b>	Will not occur. Not specified.
<b><u>Methods and materials for containment and cleaning up</u></b>	Will not occur. Not specified.

## 7. HANDLING AND STORAGE

### Handling

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

### Storage

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

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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

### Personal protective equipment [PPE]

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

<u>Hygiene considerations:</u>	Normally not required
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## 9. PHYSICAL AND CHEMICAL PROPERTIES

<u>Physical State</u>	Roll type solid
<u>Color</u>	Red, Yellow, Blue, Green, White, Black, Gray, Brown, Transparent, Green/Yellow, Orange
<u>Odor</u>	None in particular
<u>pH</u>	No data available
<u>melting/freezing point</u>	No data available
<u>Boiling Point</u>	No data available
<u>Boiling point / boiling range</u>	No data available
<u>Flash point:</u>	No data available
<u>Autoignition Temperature:</u>	No data available
<u>Upper</u>	No data available
<u>Lower</u>	No data available
<u>Vapor Pressure</u>	No data available
<u>specific gravity</u>	approximately 1.3
<u>solubility</u>	Insoluble in water
<u>Partition coefficient:</u>	No data available
<u>Decomposition temperature</u>	No data available
<u>Other Data</u>	Flammability

## 10. STABILITY AND REACTIVITY

<u>Reactivity</u>	Stable under normal conditions of use and storage
<u>Possibility of hazardous reactions</u>	No data available
<u>Conditions to avoid (e.g. static discharge, shock or vibration)</u>	None in particular
<u>Incompatible Materials:</u>	No data available
<u>Hazardous decomposition products:</u>	No information available

## 11. TOXICOLOGICAL INFORMATION

<u>Acute toxicity</u>	No information available
<u>Skin corrosion/irritation</u>	No information available
<u>Serious eye damage/eye irritation</u>	No information available
<u>Respiratory or Skin sensitization</u>	No information available
<u>Germ Cell Mutagenicity</u>	No information available
<u>Carcinogenicity</u>	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>Mobile</u>	No information available
<u>Persistence and degradability</u>	No information available
<u>Bioaccumulation</u>	No information available
<u>Ozone depletion potential (ODP):</u>	No information available

## 13. DISPOSAL CONSIDERATIONS

<u>Waste treatment methods</u>	Disposal should be in accordance with applicable regional, national and local laws and regulations
<u>Contaminated packaging</u>	Contact an authorized industrial waste treatment company for off-site disposal. Package: Contact a recycling manufacture.

## 14. TRANSPORT INFORMATION

<u>National regulations</u>	
<u>(c) Transport hazard class</u>	Not applicable
<u>(a) UN Number</u>	Not applicable
<u>Japanese regulations</u>	Not applicable
<u>(g) Special precautions in connection with transport or conveyance</u>	Do not store in long term under high temperature and leave out field

## 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
Di-isononyl phthalate	Carcinogen

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

<u>Creation Date:</u>	19-Nov.-2018
<u>Date prepared:</u>	19-Nov.-2018
<u>Version</u>	1
<u>OTHER INFORMATION</u>	The regulatory information presented here should not necessarily be considered as all-inclusive. Other local and international regulations may also apply. The above information is based on the latest information, and it is possible to be renewed without notice.
<u>Key literature references and sources for data</u>	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
<u>Disclaimer</u>	1. Evaluation of hazard and toxicity may not be adequate. Use extra caution in handling. 2. 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. Precautions are subject to ordinary handling; take safety measures as usage in special cases 3. Also precautions are subject to ordinary handling, so please take safety measures as usage in special cases.

**End of Safety Data Sheet**