

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

Product Name: Adhesive Tape
Product Identifier NO.5
Product code P071-00041301-0029
Supplier Address NITTO SHINKO CORPORATION
 110-1-1, Funayose, Maruoka, Sakai, Fukui, 910-0381, JAPAN
 TEL.+81-776-67-8084 FAX.+81-776-67-8091
Department responsible QUALITY ASSURANCE DEPT
Recommended Use Adhesive Tape

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture Not applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

Single Substance or Mixture article

Chemical Name	CAS No	Concentration or concentration ranges
Cellulose, acetate	9004-35-7	51-55
Acrylic adhesive	-	45-49

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

4. FIRST AID MEASURES

IF INHALED No information available
skin Peel off slowly and wash thoroughly with water and soap.
 Consult a doctor immediately if the skin is irritated.
Eyes Immediately flush with large amounts of water for at least 15 minutes. Examination and treatment by a physician if necessary.
Ingestion Get immediate medical advice/attention
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 CO2 (except for Cyanides), dry chemical, dry sand, alcohol-resistant foam
Prohibited media No information available
Special exposure hazards in a fire Fire may produce dense black smoke.
Specific extinguishing methods Extinguish fire toward the leeward after removing the cause of fire.
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 P280 - Wear protective gloves and eye/face protection
Protective equipment and emergency procedures No information available
Environmental Precautions No information available
Methods and materials for containment and cleaning up No information available

7. HANDLING AND STORAGE

Handling
Technical measures: P280 - Wear protective gloves and eye/face protection

<u>Local and general exhaust ventilation</u>	Ventilate the room well.
<u>Comments</u>	No information available
<u>Precautions for safe handling</u>	Remove all sources of ignition

Storage

<u>Technical measures:</u>	No information available
<u>Storage Conditions</u>	Cool, dark place at temperatures 20 °C or below, humidity 60%RH or below.
<u>Storage conditions to avoid</u>	Keep it away from places of high temperature / humidity and direct sunlight.
<u>Incompatible Materials:</u>	No information available
<u>Conditions for safe storage, including any incompatibilities</u>	No information available

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<u>Control parameters</u>	No information available
<u>Permissible concentration</u>	No information available
<u>Appropriate engineering controls</u>	Local and general exhaust ventilation

Personal protective equipment [PPE]

<u>Respiratory Protection</u>	In case of inadequate ventilation wear respiratory protection
<u>Hand Protection:</u>	Wear protective gloves
<u>Eye protection</u>	Wear protective glasses with side guards if necessary.
<u>Skin protection</u>	Wear long sleeve clothes if necessary.

<u>Hygiene considerations:</u>	No information available
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9. PHYSICAL AND CHEMICAL PROPERTIES

<u>Physical State</u>	Tape
<u>Color</u>	black white
<u>Odor</u>	No data available
<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/lower flammability or explosive limits</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>	0.7-0.9
<u>solubility</u>	No data available
<u>Partition coefficient:</u>	No data available
<u>Decomposition temperature</u>	No data available
<u>Other Data</u>	Flammable

10. STABILITY AND REACTIVITY

<u>Reactivity</u>	No information available
<u>Possibility of hazardous reactions</u>	No information available
<u>Conditions to avoid:</u>	Avoid storage in high temperatures and high humidity. Protect from direct sunlight
<u>Incompatible Materials:</u>	No information 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
<u>Other adverse effects</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 Contact an authorized industrial waste treatment company for off-site disposal
<u>Contaminated packaging</u>	No information available

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>	Japanese regulation : 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.
<u>(g) Special precautions in connection with transport or conveyance</u>	Make sure of no damage on each container and no leakage from each container, load appropriately so that there is no damage of the containers by overturns and fall, and take measures thoroughly for preventing collapse of cargo. Keep them away from direct sunlight during transportation.

15. REGULATORY INFORMATION

<u>California Proposition 65</u>	Not applicable
<u>REACH SVHC information</u>	Not applicable

16. OTHER INFORMATION

<u>Issue Date:</u>	01-Oct-2004
<u>Date prepared</u>	12-Sep-2014
<u>Version</u>	6
<u>Key literature references and sources for data</u>	Raw material SDS

Disclaimer

The regulatory information presented here should not necessarily be considered as all-inclusive. Other local and international regulations may also apply.

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. Also precautions are subject to ordinary handling, so please take safety measures as usage in special cases.

End of Safety Data Sheet