

Creation date 16-Jul-2014

Revision date 25-Jul-2018

Version 4

1. Identification of the Substance/Preparation and of the Company/Undertaking

Product name DOUBLE-COATED ADHESIVE TAPE

Product identifier NO.5680E

Product Code P020-00067366-0000

Supplier Address Nitto Denko Corporation Toyohashi Plant
18, Hirayama, Nakahara-cho, Toyohashi, Aichi, 441-3194, Japan
TEL.+81-532-41-8461, FAX. +81-532-41-8064

Department responsible Quality Management Dept. Administration Div

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

Recommended Use For bonding various components of LCD

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 No.	Weight-%
		Polyester film	-	55-65
		Acrylic adhesive	-	35-45
		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 Peel slowly, then rinse in water
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 (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 material for containment and cleaning up Will not occur. Not specified

7. Handling and Storage

Handling

Technical measures:	Do not give excessive impact and do not pile up one on another
Local and general exhaust ventilation	Not required for use in normal temperature
Precautions for safe handling	Provide adequate ventilation when performing high-temperature processing
Remarks	None in particular 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
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9. Physical and Chemical Properties

Physical state	Roll type Solid
Color	Black white
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 1.2
Solubility	Insoluble in water
Partition Coefficient (n-octanol/water)	No data available
decomposition temperature	No data available

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

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

14. Transport Information

<u>International regulations</u>	
<u>Transport hazard class</u>	Not Applicable
<u>UN number</u>	Not Applicable
<u>Japanese regulation</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>REACH 7 Article 33 Article SVHC notification (> 0.1 wt. %)</u>	Not Applicable

16. Other information

<u>Creation date</u>	16-Jul-2014
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<u>Version</u>	4
<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
<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

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