Safety Data Sheet

Creation date 24-Feb-2016 **Revision date** 10-Jun-2025 **Version** 5

1. Identification

Product name Surface Protection Film

Product identifier SPV-224R

Product Code P020-00022578-0033

Supplier Address Nitto Denko Corporation Toyohashi Plant
18, Hirayama, Nakahara-cho, Toyohashi, Aichi, 441-3194, Japan
TEL.+81-532-41-8461, FAX. +81-532-43-1879

Department responsible Quality Management Dept. Administration Div

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

Recommended Use Surface protection

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-%
Polyvinyl Chloride Film	-	65-75
Plasticizer	-	15-25
Acrylic adhesive	-	4-8
Silicone base release coating agent	-	0.1-1
Nonylphenols	25154-52-3	0.05-0.3

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

4. First aid measures

If inhaled Will not occur
Skin contact Wash with plenty of water and soap
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 Carbon dioxide (CO2)
Extinguishing powder
Water
ABC-powder
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 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 Will not occur. Not specified

and cleaning up

7. Handling and Storage

Handling

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

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 information 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

9. Physical and Chemical Properties

Physical state	Solid Roll type
Color	This product has the color of the following kind; Transparent light blue
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
Vapor density	No data available
Specific gravity	approx 1.3
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	None in particular
Incompatible materials	No information 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
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
Bioaccumulation	No information available
Hazardous to the Ozone Layer	No information available

13. Disposal Considerations

Waste treatment methods

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).
Contact an authorized industrial waste treatment company for off-site disposal

Contaminated packaging

Package: Contact a recycling manufacture

14. Transport Information

International regulations

Transport hazard class	Not Applicable
UN Number	Not Applicable

Japanese regulation Not Applicable

Special precautions in connection with transport or conveyance Do not store in long term under high temperature or leave outdoors

15. Regulatory information

Local regulation Japanese regulation Fire Service Act : Designated flammable material (Synthetic resins : Other)

Foreign regulation Contact NITTO for more information

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

Other information The content of REACH SVHC is different by the color of the product

16. Other information

Creation date	24-Feb-2016
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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

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