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

Product name
Surface Protection Film

Product identifier
SPV-M-6030

Product Code
P020-00038134-0025

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
Surface protection

2. Hazards Identification

GHS Classification
Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

3. Composition/information on Ingredients

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS No.</th>
<th>Weight-%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polyethylene film</td>
<td>-</td>
<td>85-95</td>
</tr>
<tr>
<td>Acrylic adhesive</td>
<td>-</td>
<td>5-15</td>
</tr>
</tbody>
</table>

* 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

Eye contact
In the case of skin irritation or allergic reactions see a physician

Ingestion
Immediately flush with large amounts of water for at least 15 minutes. Examination and treatment by a physician if necessary

Most important symptoms/effects, acute and delayed
Immediately induce vomiting and then consult a doctor

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

Prohibited media
No information available

Special exposure hazards in a fire
No information available

Specific extinguishing methods
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
8. Exposure Controls/Personal Protection

Control parameters
Permissible concentration
Appropriate engineering controls

Personal protective equipment (PPE)
Respiratory Protection
Hand protection
Eye protection
Skin protection

General hygiene considerations

9. Physical and Chemical Properties

Physical state
Solid
Roll type

Color
This product has the color of the following kind:
white
Transparent
light blue
light green

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 0.9
Solubility
Insoluble in water

Partition Coefficient (n-octanol/water)
No data available
Decomposition temperature
No data available
Other Data
Flammability

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
No information available
12. Ecological Information

- **organs/systemic toxicity (single exposure):** No information available
- **Specification target internal organs/systemic toxicity (repeat exposure):** No information available
- **Aspiration hazard:** 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 manufacturer.

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
- **REACH 7 Article 33 Article SVHC notification (> 0.1 wt. %):** Not Applicable

16. Other information

- **Creation date:** 06-Aug-2014
- **Revision date:** 20-Dec-2018
- **Version:** 4
- **Key literature references and sources for data:**
  - 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.
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**