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

Product name: Surface Protection Film
Product identifier: SPV-P-367K
Product Code: P020-00031337-0033
Supplier Address: Nitto Denko Corporation Toyohashi Plant
18, Hirayama, Nakahara-cho, Toyohashi, Aichi, 441-3194, Japan
TEL.+81-532-41-8461, FAX. +81-532-41-8064
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>70-80</td>
</tr>
<tr>
<td>EVA adhesive</td>
<td>-</td>
<td>20-30</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 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
ABC-powder
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
Advice for fire-fighters: No information available

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

Storage
Technical measures: None in particular
Storage conditions: Store 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
Color: Transparent
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
Autoignition temperature: No data available
Upper:
Lower:
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

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
12. Ecological Information

Aspiration hazard
No information available

Persistence and degradability
No information available
Bioaccumulation
No information available
Mobility in soil
No information available
Ozone depletion potential (ODP)
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

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

16. Other information

Creation date
30-Jul-2014
Revision date
20-Dec-2018
Version
3

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