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

Product name: Polyethylene adhesive sheet
Product identifier: SPV-M-6030 White
Product Code: P020-00038134-0025
Supplier Address: Nitto Denko Corporation Toyohashi Plant
18, Hirayama, Nakahara-cho, Toyohashi, Aichi, 441-3194, Japan
TEL.+81-532-41-7242, FAX. +81-532-41-7284
Department responsible: Quality Management Dept. Administration Div
Emergency telephone number: +81-532-41-1121(TOYOHASHI PLANT)
Recommended Use: Surface protection

2. Hazards Identification

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

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS No</th>
<th>Concentration or concentration ranges</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polyethylene</td>
<td>9002-88-4</td>
<td>85-95</td>
</tr>
<tr>
<td>Acrylic resin</td>
<td>-</td>
<td>5-15</td>
</tr>
<tr>
<td>Titanium dioxide</td>
<td>13463-67-7</td>
<td>1-3</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: Wash with plenty of water and soap
Eyes: 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
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 (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
Treatment
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

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
paint: 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
Vapor density: No data available
Specific gravity: approx 0.9
Solubility: Insoluble in water
Partition coefficient: 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
Carcinogenicity: No information available
Reproductive Toxicity: No information available
Specification target internal organs/systemic toxicity (single exposure): No information available
Specification target internal: No information available
organs/systemic toxicity (repeat exposure)  
Aspiration hazard  No information available

12. Ecological Information

Persistence and degradability  No information available
Bioaccumulation  No information available
Mobility  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
Package: Contact a recycling manufacture

14. Transport Information

National regulations  Not Applicable
Transport hazard class  Not Applicable
UN/ID-Nr.  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 (> 0.1wt%):  Not Applicable

16. Other information

Issue date: 06-Aug-2014
Date prepared 09-Jun-2016
Version 3
Key literature references and sources for data  JIS Z7253 : 2012 Safety data sheet for chemical products -Content and order of sections
JIS Z7252 : 2009 Classification of chemicals based on “Globally Harmonized System of Classification and Labelling of Chemicals (GHS)”

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 Material Safety Data Sheet