1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Name: Polyethylene adhesive sheet
Product Identifier: SPV-M-6030 Light Blue
Product code: P020-00038134-0041
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

<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>
</tbody>
</table>

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

4. FIRST AID MEASURES

Inhalation: Will not occur
Skin: Wash with plenty of water and soap
In the case of skin irritation or allergic reactions see a physician
Eyes: 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 firefighters: 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 materials 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

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

Hygiene considerations:
  None under normal use conditions

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: solid
  Roll type
Color:
  light blue
Odor:
  None in particular
pH
  No data available
melting/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
  approx 0.9
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 or Skin 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):** | No information available |
| **Aspiration toxicity:** | No information available |

### 12. ECOLOGICAL INFORMATION

| **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, 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

| **National regulations:** | Not applicable |
| **Transport hazard class:** | Not applicable |
| **UN Number:** | Not applicable |
| **Japanese regulations:** | 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** | 28-Sep-2015 |
| **Version:** | 2 |
| **Key literature references and sources for data:** |
| JIS Z7253 : 2012 Safety data sheet for chemical products -Content and order of sections |
| JIS Z 7252 : 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 Safety Data Sheet