SECTION 1. IDENTIFICATION

Product name : Nichigo G-Tape 2010AL

Manufacturer or supplier’s details
Company name of supplier : NIPPON GOHSEI USA Co., Ltd.
Address : 3930 Ventura Drive Suite 355
Arlington Heights IL, USA 60004
Telephone : +1-847-255-1211
Emergency telephone : +1-847-255-1211 (9:00-17:00 CST)
E-Mail address : nusinfo@nichigo-usa.com

Recommended use of the chemical and restrictions on use
Recommended use : Adhesives

SECTION 2. HAZARDS IDENTIFICATION

Classification of the substance or mixture : Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)
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SECTION 3. Composition/information on Ingredients

Substance / Mixture: Article

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS No.</th>
<th>Concentration (% w/w)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polyethylene</td>
<td>9002-88-4</td>
<td>50-60</td>
</tr>
<tr>
<td>Aluminum</td>
<td>7429-90-5</td>
<td>10-20</td>
</tr>
<tr>
<td>Acrylic Co-Polymer</td>
<td>-</td>
<td>20-30</td>
</tr>
<tr>
<td>Additives</td>
<td>-</td>
<td>&lt;1</td>
</tr>
</tbody>
</table>

SECTION 4. FIRST AID MEASURES

General advice: In the case of accident or if you feel unwell, seek medical advice immediately. When symptoms persist or in all cases of doubt seek medical advice.

If inhaled: Will not occur

In case of skin contact: Wash with plenty of water and soap. In the case of skin irritation or allergic reactions see a physician

In case of eye contact: Immediately flush with large amounts of water for at least 15 minutes. Get medical attention if irritation develops and persists.

If swallowed: If swallowed, DO NOT induce vomiting. Get medical attention. Rinse mouth thoroughly with water.

Most important symptoms and effects, both acute and delayed: No information available

Protection of first-aiders: No information available

Notes to physician: No information available
SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Water spray
Alcohol-resistant foam
Carbon dioxide (CO2)
Dry chemical

Unsuitable extinguishing media: No information available

Specific hazards during fire fighting: No information available

Hazardous combustion products: Carbon oxides

Specific extinguishing methods: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Use water spray to cool unopened containers.
Remove undamaged containers from fire area if it is safe to do so.
Evacuate area.

Special protective equipment for fire-fighters: In the event of fire, wear self-contained breathing apparatus.
Use personal protective equipment.
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SECTION 7. HANDLING AND STORAGE

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

Remarks: Use caution and protective gloves to avoid cuts with edges of tape

Precautions for safe handling: None in particular

Storage
Technical measures: None in particular
Storage Conditions: Store in a dark, cool (below 107F) and normal humidity place
Storage conditions to avoid: Avoid high temperature and high humidity
Incompatible materials: No information available
Conditions for safe storage, including any incompatibilities: Shipping package

SECTION 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: None under normal use conditions
Considerations

NIPPON GOHSEI USA.
SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td>Solid</td>
</tr>
<tr>
<td>Roll type</td>
<td></td>
</tr>
<tr>
<td>Color</td>
<td>sliver</td>
</tr>
<tr>
<td>Odor</td>
<td>None in particular</td>
</tr>
<tr>
<td>pH</td>
<td>No data available</td>
</tr>
<tr>
<td>Melting point / Freezing point</td>
<td>No data available</td>
</tr>
<tr>
<td>Boiling point / boiling range</td>
<td>No data available</td>
</tr>
<tr>
<td>Flash Point</td>
<td>No data available</td>
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<tr>
<td>Autoignition temperature</td>
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</tr>
<tr>
<td>Upper</td>
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<tr>
<td>Lower</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapor pressure</td>
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<tr>
<td>Vapor density</td>
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<tr>
<td>Specific gravity</td>
<td>approx 0.5</td>
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<tr>
<td>Solubility</td>
<td>Insoluble in water</td>
</tr>
<tr>
<td>Partition coefficient</td>
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</tr>
<tr>
<td>Decomposition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Other Data</td>
<td>Flammability</td>
</tr>
</tbody>
</table>

SECTION 10. STABILITY AND REACTIVITY

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reactivity</td>
<td>Stable under normal conditions of use and storage</td>
</tr>
<tr>
<td>Possibility of Hazardous reactions</td>
<td>No data available</td>
</tr>
<tr>
<td>Conditions to avoid</td>
<td>None in particular</td>
</tr>
<tr>
<td>Incompatible materials</td>
<td>No information available</td>
</tr>
<tr>
<td>Hazardous decomposition products</td>
<td>No information available</td>
</tr>
</tbody>
</table>
SECTION 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 organs/systemic toxicity (repeat exposure) : No information available
Aspiration hazard : No information available

SECTION 12. ECOLOGICAL INFORMATION

Persistence and degradability : No information available
Bioaccumulation potential : No information available
Mobility in soil : No information available
Ozone depletion potential : No information available
Other adverse effects : No information available

SECTION 13. DISPOSAL CONSIDERATIONS

Waste treatment methods : Disposal should be in accordance with applicable regional, national and local laws and regulations
Contact an authorized industrial waste treatment
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Contaminated packaging:
- Empty containers should be taken to an approved waste handling site for recycling or disposal.
- If not otherwise specified: Dispose of as unused product.

SECTION 14. TRANSPORT INFORMATION

National regulations
- Transport hazard class: Not Applicable
- UNRTDG: Not regulated as a dangerous good
- IATA-DGR: Not regulated as a dangerous good
- IMDG-Code: Not regulated as a dangerous good
- Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not Applicable

Japanese regulation: Not Applicable
Domestic regulation
- 49 CFR: Not regulated as a dangerous good
- Special precautions in connection with transport or conveyance:
  - Do not store in long term under high temperature or leave outdoors

SECTION 15. REGULATORY INFORMATION

EPCRA - Emergency Planning and Community Right-to-Know
- CERCLA Reportable Quantity
  - This material does not contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity
- This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards: Not applicable
SARA 302: No chemicals in this material are subject to the
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<td>11/01/2016</td>
</tr>
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</table>

reporting requirements of SARA Title III, Section 302.

SARA 313 : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

US State Regulations : Please contact NIPPON GOHSEI USA for more information

The ingredients of this product are reported in the following inventories:
AICS : All ingredients listed or exempt.

SECTION 16. OTHER INFORMATION

Further information

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health</th>
<th>Flammability</th>
<th>Instability</th>
<th>Special hazard</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0</td>
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</table>

HMIS III:

<table>
<thead>
<tr>
<th></th>
<th>HEALTH</th>
<th>FLAMMABILITY</th>
<th>PHYSICAL HAZARD</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0*</td>
<td>1</td>
<td>0</td>
</tr>
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</table>

0 = not significant, 1 = Slight, 2 = Moderate, 3 = High, 4 = Extreme, * = Chronic
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Sources of key data used to compile the Material Safety Data Sheet:
- Internal technical data, data from raw material SDSs, OECD eChem Portal search results and European Chemicals Agency,

Revision Date : 10/26/2016

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and shall not be considered a warranty or quality specification of any type. The information provided relates only to the specific material identified at the top of this SDS and may not be valid when the SDS material is used in combination with any other materials or in any process, unless specified in the text. Material users should review the information and recommendations in the specific context of their intended manner of handling, use, processing and storage, including an assessment of the appropriateness of the SDS material in the user’s end product, if applicable.

End of Safety Data Sheet