Material Safety Data Sheet

Product Name/Description: Magnetic Stand

Supplier: Solulink Inc
9853 Pacific Heights Blvd, Ste H.
San Diego, CA 92121

Manufacturer: Solulink Inc
9853 Pacific Heights Blvd, Ste H
San Diego, CA 92121

Product Number: # S-6001-0019001-006-16
Synonym: neodymium-iron permanent magnet

For Product Information/Emergency Phone Number:

Emergency Telephone ChemTrec:
1-800-424-9300 (North America)
+1-703-527-3887 (International)
Solulink-858.625.0670

II. Chemical Composition

This magnetic stand contains two small neodymium-boron-iron permanent magnets surrounded by high density polyethylene (HDPE) plastic stand.

<table>
<thead>
<tr>
<th>Ingredient Name</th>
<th>CAS Number</th>
<th>%</th>
<th>EC number</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Neodymium</td>
<td>7440-00-8</td>
<td>&lt; 2%</td>
<td>Not available</td>
<td>Unknown</td>
</tr>
<tr>
<td>Boron</td>
<td>7558-79-4</td>
<td>&lt;2%</td>
<td>Not available</td>
<td>Unknown</td>
</tr>
<tr>
<td>Iron</td>
<td>7647-14-5</td>
<td>&lt;2%</td>
<td>Not available</td>
<td>Unknown</td>
</tr>
</tbody>
</table>

III. Hazards Identification

Physical hazards:

Warning - this product contains strong permanent magnets. People wearing a pace maker or any other magnetizable medical implant should not use this product. Implants can be affected or damaged by a strong magnetic field. Keep magnetizable tools and objects away from the working area. Keep the magnet away from credit cards and electronic recording or other electronic devices such as computers and monitors.

A. Emergency Overview:

Physical Appearance: Small white high density polyethylene stand containing two small embedded magnets

B. Potential Health Effects:
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Routes of entry: Not applicable under recommended use conditions.

**Acute Eye:** not applicable
**Acute Skin:** not applicable
**Acute Inhalation:** not applicable
**Acute Ingestion:** not applicable

IV. First Aid Measures

First Aid Measures for Accidental Exposure:

**Eye Exposure:**
Keep magnetizable metal tools and objects away from the working area. A strong magnet can attract metal objects at high velocity towards itself. Always use eye protection when working with magnets.

**Skin Exposure:**
Not applicable

**Inhalation:**
Not applicable

**Ingestion:**
SEEK MEDICAL ATTENTION IMMEDIATELY.

V. Fire Fighting Measures

Fire Hazard Data:

**Fire:** Materials contained in this product are not considered to be a fire hazard.
**Autoignition:** Not applicable
**Flash Point:** Not applicable
**Flammability Limits (vol/vol%):** Not applicable  **Lower:** Not applicable  **Upper:** Not applicable

**Extinguishing Media:** Use extinguishing media appropriate for surrounding fire

**Special Fire Fighting Procedures:** Use extinguishing media appropriate for surrounding fire such as water spray, carbon dioxide, dry powder. Wear full protective clothing and NIOSH-approved self-contained breathing apparatus. Avoid inhalation of material or combustion by-products.

**Unusual Fire and Explosion Hazards:** In a fire dry powders of neodymium magnets will oxidize, smolder, and burn in the presence of air or oxygen. Maintain powders in water slurry or in inert atmosphere of nitrogen or argon to prevent spontaneous combustion. Magnets may spark on impact. Handle carefully in explosive atmospheres.

VI. Handling and Storage

Handling:

**Warning** - this product contains strong permanent magnets. People wearing a pace maker or any other magnetizable medical implant should not use this product. Implants can be affected or damaged by a strong magnetic field.

**Warning** - Keep magnetizable metal tools and objects away from the working area. A strong magnet can attract metal objects at high velocity towards itself.
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**Storage**: Keep the magnet away from credit cards and electronic recording or other electronic devices such as computers and monitors. Keep away from metal objects.

**VII. Exposure Controls / Personal Protection**

**Exposure Guidelines**:

<table>
<thead>
<tr>
<th>Ingredient Name</th>
<th>ACGIH TLV (mg/m$^3$)</th>
<th>NIOSH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Neodymium</td>
<td>Not established</td>
<td>Not listed</td>
</tr>
<tr>
<td>Boron</td>
<td>10 mg/m$^3$</td>
<td>Not listed</td>
</tr>
<tr>
<td>Iron</td>
<td>10 mg/m$^3$</td>
<td>Not listed</td>
</tr>
</tbody>
</table>

**Engineering Controls**: Ventilation must be adequate to maintain the ambient workplace atmosphere below the exposure limit(s) outlined in the MSDS. General room ventilation is satisfactory under anticipated use conditions.

**Respiratory Protection**: Not required under anticipated use conditions. In case of dust exposure use NIOSH approved respirator when TLV is exceeded.

**Eye / Face Protection**: Wear appropriate safety glasses with side shields or chemical goggles as described by OSHA’s eye and face protection regulations in 29CFR 1910.133 or European Standard EN166.

**Skin Protection**: Wear chemical resistant gloves (such as latex or neoprene) and protective clothing to prevent skin contact.

**VIII. Physical and Chemical Properties**

- **Component**: Magnetic Stand
- **Physical Appearance**: White plastic component
- **Percent Purity**: Unknown
- **Boiling Point**: Unknown
- **Melting Point**: Above 2500 (neodymium magnet)
- **Specific gravity**: 7.4 (neodymium magnet)
- **Freezing Point**: Not Available
- **pH**: Not applicable
- **Solubility in water**: Not soluble

**IX. Stability and Reactivity**

**Chemical Stability**: Stable.

**Conditions to Avoid**: Do not freeze.

**Materials / Chemicals to Be Avoided**: No information available

**Hazardous Decomposition Products**: Phosphorus oxides may form when heated to decomposition

**Hazardous Polymerization**: Not available.
Will not occur.

**X. Toxicological Information**

**Acute toxicity/Conclusion/Summary:** To the best of our knowledge, the toxicological properties of this product have not been thoroughly investigated.

**Chronic toxicity/Conclusion/Summary:** Not available.

**Carcinogenicity/Conclusion/Summary:** Not available.

**Mutagenicity/Conclusion/Summary:** Not available.

**Teratogenicity/Conclusion/Summary:** Not available.

**Reproductive toxicity**

**Chronic effects:** No known significant effects or critical hazards.

**Carcinogenicity:** No known significant effects or critical hazards.

**Mutagenicity:** No known significant effects or critical hazards.

**Teratogenicity:** No known significant effects or critical hazards.

**Fertility effects:** No known significant effects or critical hazards.

**XI. Ecological Information**

**Environmental effects:** No known significant effects or critical hazards.

**Aquatic ecotoxicity/Conclusion/Summary:** Not available.

**Other adverse effects:** No known significant effects or critical hazards.

**XII. Disposal Considerations**

**Waste disposal:** Generation of waste should be avoided or minimized wherever possible. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

**Hazardous waste:** Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 91/689/EEC. **Disposal should be in accordance with applicable regional, national and local laws and regulations.**

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSOANAL PROTECTION for additional handling information and protection of employees for additional handling information and protection of employees.

**XIII. Transportation Information**

**Regulatory Information**

**DOT Classification** - Not -regulated.

**IATA-DGR Class** – Not regulated.

**UN number:** Not regulated

**Proper shipping name:** Not regulated

**Packing group:** Not regulated

**HCS Classification** Not regulated.
XIV. Regulatory Information

U.S. Regulations: United States inventory (TSCA 8b): All components are listed or exempted.

Other Regulations:

European/International Regulations

EC Classification: This product is not classified according to EU legislation.

Risk Phrases: None

XV. Other Information

Key Legend Information:

N/A – Not Applicable
ND – Not Determined
ACGIH – American Conference of Governmental Industrial Hygienists
OSHA – Occupational Safety and Health Administration
TLV – Threshold Limit Value
PEL – Permissible Exposure Limit
TWA – Time Weighted Average
STEL – Short Term Exposure Limit
NTP – National Toxicology Program
IARC – International Agency for Research on Cancer

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