MATERIAL SAFETY DATA SHEET

GENERAL INFORMATION

PRODUCT NAME OR NUMBER (as it appears on label)
Twister® Wet Location Wire Connectors

CATALOG NUMBER
30-x61, 30-x62, 30-x63

MANUFACTURER’S NAME
IDEAL INDUSTRIES, INC.

EMERGENCY TELEPHONE NO.
(815) 895-5181

ADDRESS (Number, Street, City, State, Zip Code)
Becker Place, Sycamore, IL 60178

HAZARDOUS MATERIAL DESCRIPTION, PROPER SHIPPING NAME, HAZARD CLASS, HAZARD CLASS, HAZARD ID NO. (49 CFR 172.101)
None

CHEMICAL DESCRIPTION
PBT, Zinc Plated Steel, Silicone Grease, Polypropylene

FORMULA
Proprietary

SECTION I - INGREDIENTS

<table>
<thead>
<tr>
<th>CAS REGISTRY NO.</th>
<th>%W</th>
<th>CHEMICAL NAME(S)*</th>
<th>Listed as a carcinogen in NTP, IARC or OSHA 1910(z) (specify)</th>
</tr>
</thead>
<tbody>
<tr>
<td>26062-94-2</td>
<td>&lt;55</td>
<td>Polybutylene Terephthalate</td>
<td>No</td>
</tr>
<tr>
<td>63148-62-9</td>
<td>&lt;30</td>
<td>Silicone Compound</td>
<td>No</td>
</tr>
<tr>
<td>7439-89-6</td>
<td>&lt;15</td>
<td>Steel</td>
<td>No</td>
</tr>
<tr>
<td>9003-07-0</td>
<td>&lt;5</td>
<td>Polypropylene</td>
<td>No</td>
</tr>
<tr>
<td>7440-66-6</td>
<td>&lt;0.2</td>
<td>Zinc</td>
<td>No</td>
</tr>
</tbody>
</table>

SECTION II - PHYSICAL DATA

<table>
<thead>
<tr>
<th>BOILING POINT</th>
<th>SPECIFIC GRAVITY (H2O=1)</th>
<th>PERCENT VOLATILE BY VOLUME (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A °F</td>
<td>N/A</td>
<td>&lt;1%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SOLUBILITY IN WATER</th>
<th>pH</th>
<th>PERCENT SOLID BY WEIGHT (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Insoluble</td>
<td>N/A</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>APPEARANCE AND ODOR</th>
<th>IS MATERIAL:</th>
<th>LIQUID</th>
<th>SOLID</th>
<th>GEL</th>
<th>PASTE</th>
</tr>
</thead>
</table>

SECTION III - FIRE AND EXPLOSION HAZARD DATA

<table>
<thead>
<tr>
<th>FLAMMABLE LIMITS</th>
<th>LEL</th>
<th>UEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
</tbody>
</table>

EXTINGUISHING MEDIA
None normally required

SPECIAL FIRE FIGHTING PROCEDURES
Use extinguishing media suitable for surrounding materials

UNUSUAL FIRE AND EXPLOSION HAZARDS
Use self-contained breathing apparatus with full face shield. Polybutylene Terephthalate material is a UL listed 94 V-0 flame rated product.

* None of the chemical raw materials contained in this formulation are considered hazardous under the Federal Hazards Communication Standard 29 C. F. R 1910.1200
### SECTION IV - HEALTH HAZARD INFORMATION

**EFFECTS OF OVEREXPOSURE - Conditions to Avoid**  
Prolonged repeated skin contact with grease may slight skin discomfort

**THRESHOLD LIMIT VALUE**  
N/E

**PRIMARY ROUTES OF ENTRY**  
Inhalation [ ] Skin Contact [ ] Other (specify) Ingestion

**EMERGENCY FIRST AID PROCEDURES**  
SKIN CONTACT: See other precautions at bottom of page

**EYE CONTACT:**  
None

**INGESTION:**  
Consult physician

### SECTION V - REACTIVITY DATA

<table>
<thead>
<tr>
<th>STABILITY</th>
<th>UNSTABLE</th>
<th>CONDITIONS TO AVOID</th>
<th>Direct exposure to flame or excessive heat.</th>
</tr>
</thead>
<tbody>
<tr>
<td>STABLE</td>
<td>X</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**INCOMPATIBILITY (materials to avoid)**  
Strong oxidizing agents

**HAZARDOUS DECOMPOSITION PRODUCTS:**  
Oxides of carbon

<table>
<thead>
<tr>
<th>HAZARDOUS POLYMERIZATION</th>
<th>UNSTABLE</th>
<th>CONDITIONS TO AVOID</th>
<th>None</th>
</tr>
</thead>
<tbody>
<tr>
<td>WILL NOT OCCUR</td>
<td>X</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### SECTION VI - SPILL AND LEAK PROCEDURES

**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED**  
Sweep up to prevent triching

**WASTE DISPOSAL METHOD**  
Landfill or incinerate in accordance with local state and federal guidelines

**CERCLA (Superfund) REPORTABLE QUANTITY (in lbs)**  
N/A

**RCRA HAZARDOUS WASTE NO. (40CFR 261.33)**  
N/A

**VOLATILE ORGANIC COMPOUND (VOC) (as packaged, minus water)**  
N/A

\[ \text{Theoretical} \quad \text{lb/gal} \quad \text{N/A} \quad \text{Analytical} \quad \text{lb/gal} \quad \text{N/A} \]

### SECTION VII - PERSONAL PROTECTION INFORMATION

**RESPIRATORY PROTECTION (specify type)**  
None normally required

**VENTILATION**  
LOCAL EXHAUST (Specify Rate) None normally required SPECIAL N/A

**MECHANICAL (General) (Specify Rate)**  
Recommended in closed areas

**PROTECTIVE GLOVES (specify type)**  
Other N/A

**EYE PROTECTION (specify type)**  
Per company policy

**OTHER PROTECTIVE EQUIPMENT**  
None

### SECTION VIII - SPECIAL PRECAUTIONS

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING**  
Avoid excessive heat or open flames

**OTHER PRECAUTIONS**  
None

### SECTION IX - ADDITIONAL INFORMATION

None

N/A = Not Applicable, N.E. = None Established

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**THIS MATERIAL SAFETY DATA SHEET PREPARED BY:**

<table>
<thead>
<tr>
<th>NAME</th>
<th>SIGNATURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>James R. MacMurdo</td>
<td>[Signature]</td>
</tr>
</tbody>
</table>

**TITLE**  
Director, Corporate Quality Assurance

**DATE**  
06/22/2005

**Twister® Wet Location Wire Connectors**