1. Chemical Product and Company Identification

Trade Name of this Product Dynatex® 49582 Copper Anti-Seize & Lubricating Compound
MSDS ID DYN49582
Manufacturer
Dynatex Inc.
350 Ring Road
Elizabethtown, KY 42701
Phone Number
(270) 769-3385
Emergency Phone
CHEMTREC (800) 424-9300
Revision Date 7/20/2011

2. Composition and Information on Ingredients

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS Number</th>
<th>Weight %</th>
<th>ACGIH TLV</th>
<th>PEL</th>
<th>STEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petroleum oil</td>
<td>64741-96-4</td>
<td>50% - 60%</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Graphite powder</td>
<td>7782-42-5</td>
<td>1% - 5%</td>
<td>2.0 mg/m3</td>
<td>2.5 mg/m3</td>
<td></td>
</tr>
<tr>
<td>Copper powder</td>
<td>7440-50-8</td>
<td>5% - 10%</td>
<td>1 mg/m≈</td>
<td>1 mg/m≈</td>
<td></td>
</tr>
<tr>
<td>NJTSRN 80100362-5004P</td>
<td>Trade Secret</td>
<td>1% - 5%</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NJTSRN 80100362-5012P</td>
<td>Trade Secret</td>
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<tr>
<td>NJTSRN 80100362-5013P</td>
<td>Trade Secret</td>
<td>15% - 20%</td>
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<td></td>
<td></td>
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<tr>
<td>NJTSRN 80100362-5014P</td>
<td>Trade Secret</td>
<td>0.5% - 1%</td>
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<td></td>
<td></td>
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<tr>
<td>NJTSRN 80100362-5018P</td>
<td>Trade Secret</td>
<td>0.5% - 1%</td>
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</tr>
</tbody>
</table>

3. Hazard Identification

Symptoms of Overexposure
May cause irritation to eyes and skin on sensitive individuals.
Existing Conditions Aggravated by Exposure
Prolonged or repeated contact may produce mild skin irritation and inflammation. Personnel with pre-existing skin disorder should avoid contact.

4. First Aid Information

Eye Contact
Immediately flush eyes with water for at least 15 minutes. Get medical attention if irritation develops.

Skin Contact
Wash with soap and water. If irritation occurs, seek medical attention.

Inhalation
Remove to fresh air. If symptoms persist, obtain appropriate medical attention.

Ingestion
Do not induce vomiting. Keep warm. Get medical attention.

5. Fire Fighting Measures

Flash Point 420F
FP Method COC

Extinguishing Media
Carbon Dioxide, Dry Chemical, Foam

Hazardous Decomposition Products
Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products:
Carbon Dioxide
Carbon Monoxide
Trace metal oxides

Special Fire Fighting Procedures
Fight like a fuel oil fire. Cool fire exposed containers with water spray. Use water to keep fire exposed containers cool to prevent pressure build-up. Fire fighter should wear OSHA/NIOSH approved self-contained breathing apparatus.

Unusual Fire or Explosion Hazards
None known

6. Accidental Release Measures

Steps to be taken in case of spill or release
Stop flow, scrape, wipe, mop up or absorb with diatomaceous earth or other inert material. Disposal should be in accordance with local, state, and federal regulations.
7. Handling and Storage

Handling
Spills may cause slippery floors. Proper footwear required. Remove contaminated clothing and launder before reuse. Wash hands with soap and water before eating, drinking or smoking. Discard contaminated leather gloves and shoes.

Storage
Avoid storage near open flame or other sources of ignition.

8. Exposure Controls and Personal Protection

Eye Protection
Safety goggles or glasses with side shields are recommended.

Skin Protection
Use neoprene or nitrile rubber gloves to prevent skin contact.

Respiratory Protection
No special requirements under ordinary conditions of use and with adequate ventilation.

Other Protective Clothing or Equipment
None under normal use; however, use of solvent resistant aprons or other clothing is recommended. Use of chemically resistant boots is recommended.

Other Precautions
Have emergency shower and eye wash available.

9. Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td>Paste</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.27</td>
</tr>
<tr>
<td>Color/Appearance</td>
<td>Copper color</td>
</tr>
<tr>
<td>Odor</td>
<td>Petroleum odor</td>
</tr>
<tr>
<td>Boiling/Cond. Point</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Melting/Freezing Point</td>
<td>None</td>
</tr>
<tr>
<td>Solubility</td>
<td>Insoluble in water</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Percent Volatile</td>
<td>None</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

Note
The above information is not intended for use in preparing product specifications. Contact Accumetric LLC before writing specifications.

10. Stability and Reactivity

Chemical Stability
Stable
**Hazardous Polymerization**
Will not occur

**Materials to Avoid / Incompatibilities**
Keep away from strong oxidizing agents.

**Conditions to Avoid**
Do not heat above flash point. Do not weld.

**11. Toxicological Information**

**Carcinogenicity**
This product is not known to be a carcinogen.

**Sensitizer**
This product is not known to be a sensitizer.

**Mutagenicity**
This product is not known to be a mutagen.

**Teratogenicity**
This product is not known to be a teratogen.

**Reproductive Toxin**
This product is not known to be a reproductive toxin.

**12. Ecological Information**

**Environmental Fate and Distribution**
Complete information is not yet available.

**Environmental Effects**
Complete information is not yet available.

**Fate and Effects in Waste Water Treatment Plants**
Complete information is not yet available.

**13. Disposal Considerations**

**Waste Disposal Method**
We make no guarantee or warranty of any kind that the use or disposal of this product complies with all local, state, or federal laws. It is also the obligation of each user of the product mentioned herein to determine and comply with the requirements of all applicable statutes.

This product is not known to be regulated under RCRA regulations, but contains SARA regulated substances. Disposal of unused portions of this product and process waste
containing this product should be done only after a careful evaluation and in compliance with all federal, local and state laws.

14. Transportation Information

15. Regulatory Information


TSCA Status
All chemical substances found in this product comply with the Toxic Substances Control Act inventory reporting requirements.

SARA Title III Section 302 Extremely Hazardous Substances
None

SARA Title III Section 304 CERCLA Hazardous Substances
Copper Powder (7440-50-8)

SARA Title III Section 313 Toxic Chemicals
Copper Powder (7440-50-8)

California Proposition 65
This product contains the following chemical(s) listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer, birth defects or other reproductive harm:
None known

New Jersey
Copper Powder (7440-50-8)

Pennsylvania
Graphite Powder (7782-42-5)
Copper Powder (7440-50-8)

16. Other Information

Disclaimer
The data contained herein is based upon information that Accumetric LLC believes to be reliable. Users of this product have the responsibility to determine that suitability of use and to adopt all necessary precautions to ensure the safety and protection of property and persons involved in said use. All statements or suggestions are made without warranty, expressed or implied, regarding the accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof.