Safety Data Sheet
Dynatex® 49582 Copper Anti-Seize & Lubricating Compound

Section 1. Identification

<table>
<thead>
<tr>
<th>Product Identifier</th>
<th>Dynatex® 49582 Copper Anti-Seize &amp; Lubricating Compound</th>
</tr>
</thead>
<tbody>
<tr>
<td>Synonyms</td>
<td>49582CP10</td>
</tr>
<tr>
<td>Manufacturer Stock Numbers</td>
<td>49582CP10</td>
</tr>
<tr>
<td>Recommended use</td>
<td>Refer to Technical Information</td>
</tr>
<tr>
<td>Uses advised against</td>
<td>Refer to Technical Information</td>
</tr>
</tbody>
</table>

Manufacturer Contact
Address
Dynatex a division of Soudal Accumetric
350 Ring Road
Elizabethtown, KY, 42701
USA

<table>
<thead>
<tr>
<th>Phone</th>
<th>(270) 769-3385</th>
</tr>
</thead>
<tbody>
<tr>
<td>Emergency Phone</td>
<td>(800) 424-9300</td>
</tr>
<tr>
<td>Fax</td>
<td>(270) 769-6418</td>
</tr>
</tbody>
</table>

Section 2. Hazards Identification

Classification
HAZARDOUS TO THE AQUATIC ENVIRONMENT - ACUTE HAZARD - Category 1
HAZARDOUS TO THE AQUATIC ENVIRONMENT - LONG-TERM HAZARD - Category 2

Signal Word
Warning

Pictogram

Hazard Statements
Toxic to aquatic life with long lasting effects
Very toxic to aquatic life
Precautionary Statements

Response Collect spillage
Prevention Avoid release to the environment
Storage N/A
Disposal Dispose of contents and container in accordance with all local, regional, national, and international regulations.

Ingredients of unknown toxicity 0%

Hazards not Otherwise Classified None known

Section 3. Ingredients

<table>
<thead>
<tr>
<th>CAS</th>
<th>Ingredient Name</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>7440-50-8</td>
<td>Copper powder</td>
<td>1% - 5%</td>
</tr>
</tbody>
</table>

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First-Aid Measures

Ingestion Do not induce vomiting. Keep warm. Get medical attention.
Inhalation Remove to fresh air. If symptoms persist, obtain appropriate medical attention.
Skin Contact Wash with soap and water. If irritation occurs, seek medical attention.
Eye Contact Immediately flush eyes with water for at least 15 minutes. Get medical attention if irritation develops.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media Carbon Dioxide, Dry Chemical, Foam
Use water fog to cool material in vicinity of fire.

Unsuitable Extinguishing Media None known

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.
Section 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.

Section 7. Handling and Storage

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

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.

Section 8. Exposure Controls/Personal Protection

<table>
<thead>
<tr>
<th>Occupational Exposure Limits</th>
<th>Ingredient Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>STEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Copper powder</td>
<td>1 mg/m³</td>
<td>1 mg/m³</td>
<td>N/A</td>
<td></td>
</tr>
</tbody>
</table>

Personal Protective Equipment
Goggles, Gloves

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

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

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.

Section 9. Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Physical State</th>
<th>Paste</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>Copper (Dark)</td>
</tr>
<tr>
<td>Odor</td>
<td>Petroleum odor</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>Not available</td>
</tr>
<tr>
<td>Solubility</td>
<td>Insoluble in water</td>
</tr>
<tr>
<td>Partition coefficient Water/n-octanol</td>
<td>Not available</td>
</tr>
<tr>
<td>VOC%</td>
<td>N/A</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Not available</td>
</tr>
</tbody>
</table>
### Specific Gravity

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specific Gravity</td>
<td>1.27</td>
</tr>
<tr>
<td>Density lbs/Gal</td>
<td>N/A</td>
</tr>
<tr>
<td>Pounds per Cubic Foot</td>
<td>N/A</td>
</tr>
<tr>
<td>Flash Point</td>
<td>215.5°C 420°F</td>
</tr>
<tr>
<td>FP Method</td>
<td>COC</td>
</tr>
<tr>
<td>Ph</td>
<td>Not available</td>
</tr>
<tr>
<td>Melting Point</td>
<td>Not available</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>Not available</td>
</tr>
<tr>
<td>Boiling Range</td>
<td>N/A</td>
</tr>
<tr>
<td>LEL</td>
<td>N/A</td>
</tr>
<tr>
<td>UEL</td>
<td>N/A</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Not available</td>
</tr>
<tr>
<td>Flammability</td>
<td>Not available</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>Not available</td>
</tr>
<tr>
<td>Auto-ignition Temperature</td>
<td>Not available</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

**Note**

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

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### Section 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.

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### Section 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 teratogenic.
- **Reproductive Toxin**: This product is not known to be a reproductive toxin.

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### Section 12. Ecological Information

- **Fate and Effects in Waste Water Treatment Plants**: Complete information is not yet available.
- **Environmental Effects**: Complete information is not yet available.
- **Environmental Fate and Distribution**: Complete information is not yet available.
Section 13. Disposal

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.

Section 14. Transport Information

UN Number 3082
UN Proper Shipping Name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Copper)
DOT Classification Transport Hazard Class: 9
Packing Group III
Additional information Non-bulk packages of this product are not regulated as hazardous materials unless transported by inland waterway. The marine pollutant mark is not required when transported on inland waterways in sizes of <=5 L or <=5 kg.
AERG Not applicable
Special precautions for user Transport within user’s premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not available

Section 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 None
Extremely Hazardous Substances
SARA Title III Section 304 Copper Powder (7440-50-8)
CERCLA Hazardous Substances
SARA Title III Section 313 Copper Powder (7440-50-8)
Toxic Chemicals
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)

Section 16. Other Information

Revision Date 12/18/2015

Disclaimer The data contained herein is based upon information that Soudal Accumetric 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.