

# Safety Data Sheet

## Dynatex® 49582 Copper Anti-Seize & Lubricating Compound

### Section 1. Identification

Product Identifier Dynatex® 49582 Copper Anti-Seize & Lubricating Compound  
Synonyms 49582CP10  
Manufacturer Stock Numbers 49582CP10

Recommended use Refer to Technical Information  
Uses advised against Refer to Technical Information

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

Phone	Emergency Phone	Fax
(270) 769-3385	(800) 424-9300 CHEMTREC	(270) 769-6418

### 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

Additional Information None known

**Section 3. Ingredients**

CAS	Ingredient Name	Weight %
7440-50-8	Copper powder	1% - 5%

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.

Unusual Fire or Explosion None known  
Hazards

## 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

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
	Copper powder	1 mg/m <sup>3</sup>	1 mg/m <sup>3</sup>	N/A
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

Physical State	Paste
Color	Copper (Dark)
Odor	Petroleum odor
Odor Threshold	Not available
Solubility	Insoluble in water
Partition coefficient Water/n-octanol	Not available
VOC%	N/A
Viscosity	Not available

Specific Gravity	1.27
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	215.5C 420F
FP Method	COC
Ph	Not available
Melting Point	Not available
Boiling Point	Not available
Boiling Range	N/A
LEL	N/A
UEL	N/A
Evaporation Rate	Not available
Flammability	Not available
Decomposition Temperature	Not available
Auto-ignition Temperature	Not available
Vapor Pressure	Not applicable
Vapor Density	Not applicable

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

## 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.

## 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.

## 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  $\leq 5$  L or  $\leq 5$  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

The contents of this MSDS comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200.

**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)

## 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.