

Safety Data Sheet

Dynatex™ 49582 Copper Anti-Seize & Lubricating Compound

Section 1. Identification

Product Identifier Dynatex™ 49582 Copper Anti-Seize & Lubricating Compound
Synonyms 49582CP10
Manufacture Stock Numbers 49582CP10

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

Manufacturer Contact

Address Dynatex Inc.
350 Ring Road
Elizabethtown, KY, 42701
USA

Phone	Emergency Phone	Fax
(270) 769-3385	(800) 424-9300 Chemtrec	N/A

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 Classified Otherwise 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

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

Section 5. Fire Fighting Measures

Suitable Extinguishing Media	N/A
Unsuitable Extinguishing Media	N/A
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

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.
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Section 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.

Section 8. Exposure Controls/Personal Protection

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

Personal Protective Equipment	N/A
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.

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
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

NoteThe above information is not intended for use in preparing product specifications. Contact Accumetric LLC 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.
Teratogenicidad	No se tiene conocimiento de que este producto sea terat—geno.
Reproductive Toxin	This product is not known to be a reproductive toxin.

Section 12. Ecological Information

Environmental Effects	Complete information is not yet available.
Environmental Fate and Distribution	Complete information is not yet available.
Fate and Effects in Waste Water Treatment Plants	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	N/A
UN Proper Shipping Name	N/A
DOT Classification	N/A
Packing Group	N/A

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	2/12/2015
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.