

MSDS Document

Product BOSS® 505 Copper Anti-Seize Compound

1. Chemical Product and Company Identification

Trade Name of this Product BOSS® 505 Copper Anti-Seize Compound

Synonyms: 02150CO25, 01968CP10, 02069CP10

MSDS ID BOSS505

Manufacturer

Accumetric, LLC
350 Ring Road
Elizabethtown, KY 42701

Phone Number

(270) 769-3385

Emergency Phone

CHEMTREC (800) 424-9300

Revision Date 2/20/2007



2. Composition and Information on Ingredients

Ingredient	CAS Number	Weight %	ACGIH TLV	PEL	STEL
Petroleum oil	64741-96-4	50% - 60%			
NJTSRN 80100362-5013P	Trade Secret	15% - 20%			
NJTSRN 80100362-5012P	Trade Secret	15% - 20%			
Nickel, as fume or dust	7440-02-0	5% - 10%	1.5 mg/m	1 mg/m	
NJTSRN 80100362-5004P	Trade Secret	1% - 5%			
Graphite (natural)	7782-42-5	1% - 5%	2.0 mg/m resp dust	5 mg/m	
NJTSRN 80100362-5018P	Trade Secret	0.5% - 1%			
NJTSRN 80100362-5014P	Trade Secret	0.5% - 1%			

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 laundry 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, nitrile, or 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

Physical State	Paste
Specific Gravity	1.27
Color/Appearance	Copper color
Odor	Petroleum odor
Boiling/Cond. Point	Not applicable
Melting/Freezing Point	Not applicable
Solubility	Insoluble in water
Evaporation Rate	Not applicable
Percent Volatile	None
Vapor Density	Not applicable
Vapor Pressure	Not applicable

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

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

TSCA Status

All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

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 to 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.