



# Safety Data Sheet

## BOSS® 503 Nickel Anti-Seize Compound

### Section 1. Identification

Product Identifier	BOSS® 503 Nickel Anti-Seize Compound		
Synonyms	50308; 02070NK10		
Manufacturer Stock Numbers	02070NK10		
Recommended use	Refer to Technical Information		
Uses advised against	Refer to Technical Information		
Manufacturer Contact Address	Soudal Accumetric 350 Ring Road Elizabethtown, KY, 42701 USA		
	Phone	Emergency Phone	Fax
	(270) 769-3385	(800) 424-9300 CHEMTREC	(270) 765-2412

### 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	A red diamond-shaped pictogram containing a black silhouette of a tree and a fish, representing a hazard to the aquatic environment.

**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

**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.

### 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 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.

## 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



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

New Jersey  
Pennsylvania

None known  
Copper powder 7440-50-8  
Graphite Powder (7782-42-5)  
Copper Powder (7440-50-8)

## Section 16. Other Information

Revision Date

12/28/2015

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.