

**Safety Data Sheet**  
MicroKote Copper Anti-Seize

**SECTION I - IDENTIFICATION**

**PRODUCT IDENTIFIER:** MicroKote Copper Anti-Seize  
**PRODUCT CODE:** 9550, 9544, 9555, 9595, 9599, 9594  
**RECOMMENDED USE:** Lubricant  
**RESTRICTIONS ON USE:** None known.  
**COMPANY NAME:** Tifco Industries  
**COMPANY ADDRESS:** PO Box 40277 Houston, TX 77240  
**COMPANY PHONE:** 800-868-4326  
**EMERGENCY PHONE:** 800-255-3924

**SECTION II – HAZARDS IDENTIFICATION**

**CLASSIFICATION:** Does not present a hazard according to OSHA (29CFR 1910.1200)  
**HAZARD STATEMENT(S):** N/A  
This product contains the following percentage of chemicals of unknown toxicity: N/A  
**PRECAUTIONARY STATEMENTS:** N/A  
**SYMBOL:** N/A  
**HAZARDS NOT OTHERWISE CLASSIFIED:** N/A

**SECTION III – COMPOSITION/INFORMATION ON INGREDIENTS**

HAZARDOUS INGREDIENT	CAS NUMBER	PERCENT
Does not contain any hazardous ingredients at or above reportable levels as defined by OSHA (29CFR 1910.1200)	N/A	N/A

**SECTION IV - FIRST AID MEASURES**

**EYES:** Immediately flush with water for 15 minutes while holding eyelids open. Seek medical attention if irritation persists.  
**INGESTION:** Rinse mouth with water. Do not induce vomiting unless directed by medical authority. Seek medical attention if irritation develops. Never give anything by mouth to an unconscious person.  
**INHALATION:** Move to fresh air. If breathing is difficult or unconscious, administer oxygen. If not breathing administer artificial respiration. Seek medical attention if irritation persists.  
**SKIN:** Immediately wash with soap and water for 15 minutes. Seek medical attention if irritation develops.  
**ACUTE HEALTH HAZARDS:** None known.  
**CHRONIC HEALTH HAZARDS:** None known.  
**NOTE TO PHYSICIAN:** Treatment of overexposure should be directed at the control of symptoms and the clinical condition.

**SECTION V – FIRE-FIGHTING MEASURES**

**EXTINGUISHING MEDIA:** Dry chemical, carbon dioxide, foam, and water spray or fog.  
**UNSUITABLE EXTINGUISHING MEDIA:** Water spray/stream.  
**SPECIAL FIRE FIGHTING PROCEDURES:** Wear full protective clothing and NIOSH approved SCBA with full facepiece operated in positive pressure or pressure demand. Use water mist to keep material cool in fire situations.  
**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Keep away from oxygen generating materials.  
**HAZARDOUS COMBUSTION PRODUCTS:** Oxides of carbon, sulfur, and various hydrocarbons.

**SECTION VI – ACCIDENTAL RELEASE MEASURES**

**PERSONAL PROTECTIVE EQUIPMENT:** Refer to section VIII for proper Personal Protective Equipment.  
**SPILL:** Clean up using cloth or absorbent material. Dispose of product-containing wiping cloth or absorbent paper in suitable manner. Place waste in proper containers for disposal. U.S. regulations (CERCLA) require reporting spills and releases to soil, water and air in excess of reportable quantities. The toll-free number for the U.S. Coast Guard National Response Center is 800-424-8802.  
**WASTE DISPOSAL:** Dispose of contents in accordance with federal, state, and local regulations. Do not dump in sewers. Wrap container and place in trash collection. Do not puncture, incinerate, or reuse container.  
**RCRA STATUS:** Not listed as hazardous waste under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

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**SECTION VII – HANDLING AND STORAGE**

**HANDLING AND STORAGE:** Store in a cool, dry area. Do not use or store near heat, open flame, or other sources of ignition. Keep container tightly closed when not in use. Do not use or store with strong oxidizers.

**OTHER PRECAUTIONS:** Keep out of the reach of children. Read and follow the directions on the product label. They are the best guide to using the product in the most effective manner. The label also gives you the necessary safety precautions to protect your health.

**INCOMPATIBILITY:** Strong acids and bases, oxidizing agents.

**SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION**

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
Does not contain any hazardous ingredients at or above reportable levels as defined by OSHA (29CFR 1910.1200)	Not Established	Not Established

**ENGINEERING CONTROLS / VENTILATION:** Ambient ventilation adequate.

**RESPIRATORY PROTECTION:** Not required with normal use.

**PERSONAL PROTECTIVE EQUIPMENT:** Safety glasses/goggles.

**ADDITIONAL MEASURES:** Wash hands thoroughly with soap and water after use.

**SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES**

**APPEARANCE:** Thick Copper Paste

**ODOR:** Bland odor

**ODOR THRESHOLD:** N/D

**pH:** N/A

**MELTING POINT/FREEZING POINT:** N/D

**INITIAL BOILING POINT AND BOILING RANGE:** N/D

**FLASH POINT:** N/D

**EVAPORATION RATE:** N/D

**FLAMMABILITY(solid/gas):** Not considered a flammable liquid by OSHA (29CFR 1910.1200)

**UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS:**

**LOWER FLAMMABILITY LIMIT:** N/D

**UPPER FLAMMABILITY LIMIT:** N/D

**EXPLOSIVE LIMIT LOWER (%):** N/D

**EXPLOISVE LIMIT UPPER (%):** N/D

**VAPOR PRESSURE (mm Hg):** N/D

**VAPOR DENSITY (AIR=1):** N/A

**RELATIVE DENSITY (H2O=1):** 0.96 - 1.00 @ 77°F (25 °C)

**SOLUBILITY(IES):** 0% in water

**PARTITION COEFFICIENT: n-OCTANOL/WATER (Kow):** N/D

**AUTOIGNITION TEMPERATURE:** N/D

**DECOMPOSITION TEMPERATURE:** N/D

**VISCOSITY:** N/D

**SECTION X – STABILITY AND REACTIVITY**

**REACTIVITY:** None known.

**CHEMICAL STABILITY:** Stable.

**POSSIBLE HAZARDOUS REACTIONS:** None known.

**CONDITIONS TO AVOID:** Excessive heat. Sources of ignition. Avoid incompatibles.

**INCOMPATIBLE MATERIALS:** Strong acids and bases, oxidizing agents.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Oxides of carbon, nitrogen, sulfur, and various hydrocarbons.

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**SECTION XI – TOXICOLOGICAL INFORMATION**

**TOXICOLOGICAL INFORMATION:** Not established.

**ROUTES OF ENTRY:** Eyes, Ingestion, Skin

**EYES:** May cause irritation.

**INGESTION:** May cause gastrointestinal irritation, nausea, diarrhea, vomiting.

**INHALATION:** May cause respiratory tract irritation.

**SKIN:** May cause irritation with prolonged or repeated contact.

**MEDICAL CONDITION AGGRAVATED:** None known.

**ACUTE HEALTH HAZARDS:** None known.

**CHRONIC HEALTH HAZARDS:** None known.

**CARCINOGENICITY:** OSHA: No ACGIH: No NTP: No IARC: 3 - Not classifiable OTHER: CA Prop 65

**SECTION XII – ECOLOGICAL INFORMATION**

**ECOTOXICITY:** Not established.

**PERSISTENCE AND DEGRADABILITY:** Component or components of this product are not biodegradable.

**BIOACCUMULATIVE POTENTIAL:** No additional information available.

**MOBILITY IN SOIL:** N/D

**OTHER ADVERSE EFFECTS:** None known.

**SECTION XIII – DISPOSAL CONSIDERATIONS**

**WASTE DISPOSAL:** Dispose of contents in accordance with federal, state, and local regulations. Do not dump in sewers. Wrap container and place in trash collection. Do not puncture, incinerate, or reuse container.

**RCRA STATUS:** Not listed as hazardous waste under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

**SECTION XIV - TRANSPORT INFORMATION**

**PROPER SHIPPING NAME:** Lubricating Oil Petroleum Base

**HAZARD CLASS/DIVISION:** Not Regulated

**UN/NA NUMBER:** N/A

**PACKING GROUP:** N/A

**AIR SHIPMENT**

**PROPER SHIPPING NAME:** Lubricating Oil Petroleum Base

**HAZARD CLASS/DIVISION:** Not Regulated

**UN/NA NUMBER:** N/A

**PACKING GROUP:** N/A

**SHIPPING BY WATER:**

**VESSEL (IMO/IMDG)**

**PROPER SHIPPING NAME:** Lubricating Oil Petroleum Base

**HAZARD CLASS/DIVISION:** Not Regulated

**UN/NA NUMBER:** N/A

**PACKING GROUP:** N/A

**ENVIRONMENTAL HAZARDS WATER:** N/A

**SECTION XV - REGULATORY INFORMATION**

**TSCA STATUS:** All chemicals are listed or exempt.

**CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):** Copper (7440-50-8) Reportable  
Quantity = 5000 pounds.

**SARA 311/312 HAZARD CATEGORIES:** None

**SARA 313 REPORTABLE INGREDIENTS:** Copper (7440-50-8).

# Safety Data Sheet

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**STATE REGULATIONS: California Proposition 65: WARNING:** This product can expose you to chemicals including Ethylene Oxide, which is known to the State of California to cause cancer, birth defects and other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov). **Copper (7440-50-8):** Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states: NJ, PA, RI. **Acetone (67-64-1):** Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states: CA, DE, ID, ME, MA, MN, NJ, PA, RI, WA.

**INTERNATIONAL REGULATIONS:** No information available.

**VOLATILE ORGANIC COMPOUNDS (VOC):** 0%

<b>NFPA HEALTH:</b>	1	<b>HMIS HEALTH:</b>	1
<b>NFPA FLAMMABILITY:</b>	1	<b>HMIS FLAMMABILITY:</b>	1
<b>NFPA REACTIVITY:</b>	0	<b>HMIS REACTIVITY:</b>	0
<b>NFPA OTHER:</b>	None	<b>HMIS PROTECTION:</b>	A

## SECTION XVI - OTHER INFORMATION

**PREPARATION BY:** Roberto Cerón

**DATE PREPARED:** 12/04/2012

**REVISION DATE:** 10/26/2021

N/A = Not Applicable; N/D = Not Determined

**DISCLAIMER:** To the best of our knowledge, information contained herein is accurate. However there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product which may not be covered by this SDS. The user is responsible for full compliance.