

Revised
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MATERIAL SAFETY DATA SHEETS

AS 202 COPPER ANTI-SEIZE

1. GENERAL INFORMATION

PRODUCT NAME:
CHEMICAL FAMILY:

AS 202
Anti-Seize Lubricating Compounds

2. COMPOSITION

	CAS #	OSHA/PEL	TLV	SARA III	PROP65	PERCENT
COPPER AS FUME OR DUST	7440-50-8	1mg/m3	SAME	YES	NO	10 - 50
PETROLEUM GREASE/OIL	64742-62-7	5mg/m3	SAME	NO	NO	30 - 70
GRAPHITE	7782-42-5	25mg/m3	SAME	NO	NO	10 - 40
SILICA, CRYSTALLINE QUARTZ	14808-60-7	0.1 mg/m3	SAME	NO	NO	<1

3. PHYSICAL PROPERTIES

BOILING POINT: DOES NOT APPLY
MELTING POINT: DOES NOT APPLY
VAPOR PRESSURE: NO DATA
EVAPORATION RATE: DOES NOT APPLY
APPEARANCE AND ODOR:

SOLUBILITY IN WATER: NIL
REACTIVITY IN WATER: NONE
SPECIFIC GRAVITY: 1.2
PERCENT VOLATILE: 0
COPPER COLORED PASTE, GREASE LIKE ODOR

4. FIRE AND EXPLOSION DATA

FLASH POINT AND METHOD USED:
FLAMMABLE LIMITS:
EXTINGUISHING MEDIA:
SPECIAL FIRE FIGHTING PROCEDURES:

> 350F, C.O.C
LEL, NO DATA UEL: NO DATA
FOAM, CO2, DRY CHEMICAL
THIS COMPOUND WILL NOT BURN UNLESS IT IS PRE-HEATED WATER FOG MAY BE USED TO COOL THE CONTAINERS BUT DO NOT SPRAY DIRECTLY INTO LARGE CONTAINERS OF BURNING LIQUIDS AS FROTHING MAY OCCUR
WEAR A N.I.O.S.H. APPROVED ORGANIC VAPOR RESPIRATOR
DENSE SMOKE AND NOXIOUS OR TOXIC FUMES MAY BE GENERATED IN A FIRE, FIRE FIGHTERS SHOULD WEAR A SELF CONTAINED BREATHING APPARATUS

UNUSUAL FIRE AND EXPLOSION HAZARDS:

5. PHYSICAL HAZARDS

STABILITY:
CONDITIONS TO AVOID:
INCOMPARABILITY:

HAZARDOUS DECOMPOSITION PRODUCTS:

STABLE
NONE REASONABLY FORSEEN
STRONG OXIDIZING DIZING AGENTS, BROMATES, CHLORATES, IODATES.
THE THERMAL DECOMPOSITION BY-PRODUCTS ARE HIGHLY DEPENDENT UPON THE COMBUSTION CONDITIONS A COMPLEX MIXTURE OF AIRBORNE SOLIDS AND FUMES WILL BE GENERATED; SOME OF WHICH MAY BE NOXIOUS OR TOXIC GASES
WILL NOT OCCUR

HAZARDOUS POLYMERIZATION:

6. HEALTH HAZARDS AND FIRST AID

HEALTH HAZARDS:

THIS PRODUCT IS NOT PARTICULARLY TOXIC AS WITH ANY PETROLEUM BASED PRODUCT SKIN IRRITATION CAN OCCUR IF PROLONGED OR REPEATED SKIN CONTACT OCCURS KEEP OUT OF OPEN WOUNDS AVOID BREATHING LARGE QUANTITIES OF THE THERMAL DECOMPOSITION FUMES.



MATERIAL SAFETY DATA SHEETS

AS 202 COPPER



SKIN:	WASH WITH SOAP AND WATER, USING A NAIL BRUSH PAY PARTICULAR ATTENTION TO FINGER NAILS AND OFEN WOUNDS
EYES:	THIS PRODUCT COULD CAUSE SOME MECHANICAL IRRITATION IF GOTTEN INTO THE EYES AND RUBBED FLUSH EYE WITH WATER FOR 15 MINUTES, LIFTING THE EYELIDS IF IRRITATION PERSISTS CONSULT A PHYSICIAN
INGESTION:	IF INGESTED THIS PRODUCT IS NDT EXPECTED TO CAUSE AN ACUTE REACTION THIS PRODUCT CONTAINS A PETROLEUM OIL, DO NOT INDUCE VOMITING, BECAUSE THE OIL MAY BE ASPIRATED INTO THE LUNGS USE A GASTRIC LAVAGE, AND CALL A POISON CONTROL CENTER OR A PHYSICIAN NOT LIKELY UNDER NORMAL CONDITIONS OF USE IF USING IN HIGH TEMPERATURE APPLICATIONS WHERE THERMAL DECOMPOSITION IS LIKELY, USE A LOCAL EXHAUST TO REMOVE FUMES IF DIZZINESS OR IRRITATION OCCURS, SEEK FRESH AIR
INHALATION:	

7. SPECIAL PRECAUTIONS AND SPILL PROCEDURES

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: KEEP CONTAINER CLOSED STORE AWAY FROM HIGH HEAT OPEN FLAMES

OTHER PRECAUTIONS: DO NOT ALLOW THIS MATERIAL TO ENTER SEWERS OR WATERWAYS.

SPILL/LEAKAGE PROCEPURES: BECAUSE OF THE GREASE LIKE NATURE OF THIS PRODUCT LEAKS ARE NOT EXPECTED. SCOOP BACK INTO THE CONTAINER. THE CONTAINER COPPER is LISTED AS A HAZARDOUS WATER POLLUTANT

WASTE DISPOSAL: FOLLOW LOCAL,STATE, AND FEDERAL GUIDELINES DISPOSE OF AT AN APPROVED FACILITY. DO NOTDISPOSE OF INTO WATERWAYS OR SEWERS. THE PREFERRED METHOD OF DISPOSAL ININCINERATION.

8. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: NORMALLY NOT REQUIRED, IF THIS PRODUCT IS BEING USED IN HIGH TEMPERATURE APPLICATION WHERE THE PRODUCT "SMOKES" USE A LOCAL EXHAUST OR VENTILATE THE AREA TO MAINTAIN THE AIR OUALITY, OR USE A "NIOSH" APPROVED ORGANIC VAPOR RESPIRATOR IF AN INDIVIDUAL IS REMOVING, DRY, FLAKY MATERIAL! USE A DUST RESPIRATOR

PROTECTIVE GLOVES: NORMALLY NOT REQUIRED IF PROLONGED OR REPEATED SKIN CONTACT IS EXPECTED USE A LATEX GLOVE

EYE PROTECTION: SAFETY GLASSES ARE RECOMMENDED

WORK/HYGIENIC PRACTICES: USE GOOD STANDARD PRACTICES WHEN USING THIS MATERIAL DO NOT EAT OR SMOKE WHILE USING, AND THOROUGHLY WASH WITH SOAP AND WATER, USING A NAIL BRUSH AFTER USING

9. REGULATORY INFORMATION

CALIFORNUA PROPOSITION 85:NO
OZONE DEPLETING SUBSTANCES: NONE
SARA TITLE III: COPPER
CERCLA:COPPER

RCRA: NO
DOT SHIPPING CLASS: NOT HAZARDOUS
TASCA INVENTORY: ALL INGREGOJANTS LISTED
NFPA RATING: H-1,F-0,R-0

Engineering Excellence

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