

Health	0
Flammability	1
Reactivity	0
Personal Protection	

HMIS Ratings

# BOWMAN DISTRIBUTION MATERIAL SAFETY DATA SHEET

Health	1
Flammability	1
Reactivity	0
Specific Hazard	

NFPA Ratings

## SECTION I

<b>PRODUCT NAME</b> <b>ANTI-SEIZE HIGH TEMPERATURE THREAD COMPOUND</b>	<b>BOWMAN PART NO.</b> <b>21961, 21962 (page 1 of 2)</b>
<b>SUPPLIER</b> <b>Bowman Distribution, Barnes Group Inc.</b>	<b>EMERGENCY TELEPHONE NO.</b> <b>(216) 391-7200</b>
<b>ADDRESS</b> <b>850 East 72nd Street, Cleveland, OH 44103</b>	<b>DATE</b> <b>7/27/90</b>
<b>HAZARDOUS MATERIAL DESCRIPTION, PROPER SHIPPING NAME, HAZARD CLASS, HAZARD ID NO. (49 CFR 172.101)</b> <b>Dot proper shipping name: Lubricant    Dot hazard class: None    Dot ID number: None required</b>	
<b>ADDITIONAL HAZARD CLASSES (as applicable)</b> <b>Not applicable</b>	
<b>CHEMICAL FAMILY</b> <b>Mixture - not applicable</b>	<b>FORMULA</b> <b>Mixture - not applicable</b>

## SECTION II - HAZARDOUS INGREDIENTS

CAS REGISTRY NUMBER	%W	%V	CHEMICAL NAME(S)	OSHA PEL	ACGIH TLV	STEL Other Limits	Listed as Carcinogen NTP, IARC or OSHA 1910(z) (specify)	
			This product consists of copper and graphite flakes suspended in a heavy petroleum carrier, and is not a hazardous material according to current U.S. Department of Labor OSHA criteria re: 29 CFR 1940.1200 Hazard Communications Law.					
			Copper, present at 22% by weight, is subject to the reporting requirements of Section 313, Title III of SARA, 40 CFR Part 372.					

\*ALL CHEMICAL COMPOUNDS MARKED WITH AN ASTERISK (\*) ARE TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT (SARA) OF 1986 AND 40 CFR PART 372.

## SECTION III - PHYSICAL DATA

<b>BOILING POINT</b> -500 °F    260 °C	<b>SPECIFIC GRAVITY (H<sub>2</sub>O = 1)</b> 1.26	
<b>VAPOR PRESSURE</b> Negligible @ 68 °F 20 °C <input checked="" type="checkbox"/> mm Hg <input type="checkbox"/> psi	<b>PERCENT VOLATILE BY VOLUME (%)</b> Nil	<b>PERCENT SOLID BY WEIGHT (%)</b> 40
<b>VAPOR DENSITY (AIR = 1)</b> N.A.	<b>EVAPORATION RATE ( ) = 1)</b> N.A.	
<b>SOLUBILITY IN WATER</b> Insoluble	<b>PH =</b> 7.0	
<b>APPEARANCE AND ODOR</b> Copper colored paste, slight petrolatum odor..		<b>MATERIAL IS: PASTE</b>

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

<b>FLASH POINT</b> 310 °F    154 °C    method used C.O.C.	<b>FLAMMABLE LIMITS</b>	<b>LEL</b> N.A.	<b>UEL</b> N.A.
<b>EXTINGUISHING MEDIA</b> Use CO <sub>2</sub> , foam, dry chemical or water fog.			
<b>SPECIAL FIRE FIGHTING PROCEDURES</b> Use eye protection. Use self-contained breathing apparatus when fire fighting in confined areas.			
<b>UNUSUAL FIRE AND EXPLOSION HAZARDS</b> None except as for petroleum grease fires.			

## SECTION V - HEALTH HAZARD DATA

HEALTH HAZARDS (ACUTE AND CHRONIC - INCLUDE TARGET ORGAN EFFECTS) <b>None known or expected.</b>
CONDITIONS TO AVOID <b>None known.</b>
SIGNS AND SYMPTOMS OF OVEREXPOSURE <b>None known or expected.</b>
PRIMARY ROUTES OF ENTRY Inhalation <input type="checkbox"/> Skin Contact <input type="checkbox"/> Other (specify) _____ <b>Not applicable.</b>
EMERGENCY AND FIRST AID PROCEDURES <b>Eyes: flush with tepid water 15 minutes holding eyelids apart. Get medical attention. Skin: wash with soap and water. Ingestion: large amounts may result in diarrhea. Get medical attention; treat symptomatically.</b>
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE <b>None known.</b>

## SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE <input type="checkbox"/>	STABLE <input checked="" type="checkbox"/>	CONDITIONS TO AVOID <b>None.</b>
INCOMPATIBILITY (materials to avoid) <b>Strong oxidizing agents (peroxides, permanganates, nitric acid).</b>			
HAZARDOUS DECOMPOSITION PRODUCTS <b>CO, CO<sub>2</sub>, and incompletely burned hydrocarbons may result from pyrolysis.</b>			
HAZARDOUS POLYMERIZATION	MAY OCCUR <input type="checkbox"/>	WILL NOT OCCUR <input checked="" type="checkbox"/>	CONDITIONS TO AVOID <b>None.</b>

## SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED <b>Wipe up with rags or absorbent material. Complete clean up using detergent and water or chlorinated solvent with adequate ventilation.</b>	
WASTE DISPOSAL METHOD <b>Use controlled incineration or bury in a posted landfill in accordance with federal, state and local regulations.</b>	
CERCLA (Superfund) REPORTABLE QUANTITY (in lbs.) <b>N.A.</b>	
RCRA HAZARDOUS WASTE NO. (40 CFR 261.33) <b>N.A.</b>	
VOLATILE ORGANIC COMPOUND (VOC) as packaged, minus water <b>N.A. - Product is essentially nonvolatile.</b>	<input type="checkbox"/> Theoretical _____ lb/gal <input type="checkbox"/> Analytical _____ lb/gal

## SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (specify above type) <b>None necessary in normal use.</b>		
VENTILATION	LOCAL EXHAUST (specify rate) <b>Acceptable (50 f.p.m.)</b>	SPECIAL <b>None</b>
	MECHANICAL (general) (specify rate) <b>Acceptable (50 f.p.m.)</b>	OTHER <b>None</b>
PROTECTIVE GLOVES (specify type) <b>None required.</b>	EYE PROTECTION (specify type) <b>Sufficient to prevent contact.</b>	
OTHER PROTECTIVE EQUIPMENT <b>None required.</b>		

## SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING <b>Use normal storage and handling. Do not expose to high heat, open flames or strong oxidizers.</b>
OTHER PRECAUTIONS <b>Contains hydrocarbons - do not use in oxygen service. Keep out of reach of children.</b>