

# MATERIAL SAFETY DATA SHEET

HMIS CODES: 

|   |   |   |   |
|---|---|---|---|
| H | F | R | P |
| 2 | 1 | 1 | B |

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

U.S. Department of Labor  
Occupational Safety and Health Administrator  
(Non-Mandatory Form)  
Form Approved OMB No. 1218-0072

IDENTITY (AS USED ON LABEL AND LIST):

**"NO-SEIZE" ANTI-SEIZE  
LUBRICANT AND THREAD SEALANT CU**

NOTE: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

**Section I**Manufacturer's Name:  
J.C. WHITLAM MANUFACTURING COMPANYEmergency Telephone Number:  
(330) 334 - 2524Address (Number, Street, City, State, and ZIP Code):  
200 WEST WALNUT STREETTelephone Number for Information:  
(330) 334 - 2524

P.O. BOX 380

Date Prepared: December 15, 2010

WADSWORTH, OHIO 44282-0380

Signature of Preparer (optional):

**Section II - Hazardous Ingredients/Identity Information**

| HAZARDOUS COMPONENTS<br>(SPECIFIC CHEMICAL IDENTITY: COMMON NAME(S)) | OSHA PEL              | ACGIH TLV             | OTHER LIMITS<br>Recommended | %<br>(optional) |
|--|-----------------------|-----------------------|-----------------------------|-----------------|
| GREASE [CAS#64742-53-5, #7620-77-1, #1338-24-5 MIXTURE]              | 5 mg/m <sup>3</sup>   | 5 mg/m <sup>3</sup>   | N/A                         |                 |
| OIL [CAS#64742-52-5]   | 5 mg/m <sup>3</sup>   | 5 mg/m <sup>3</sup>   | N/A                         |                 |
| TALC [CAS#14807-96-6]  | 2 mg/m <sup>3</sup>   | 2 mg/m <sup>3</sup>   | N/A                         |                 |
| COPPER [CAS#7440-50-8, 57-11-4]                                      | 0.1 mg/m <sup>3</sup> | 0.2 mg/m <sup>3</sup> | N/A                         |                 |
| LIME [CAS#1305-78-8]   | 5 mg/m <sup>3</sup>   | 2 mg/m <sup>3</sup>   | N/A                         |                 |
| PROPRIETARY BLEND [CAS# PROPRIETARY]                                 |                       |                       |                             |                 |

**Section III - Physical/Chemical Characteristics**

|                          |     |  |            |
|--------------------------|-----|--|------------|
| Boiling Point:           | N/A | Specific Gravity (H <sub>2</sub> O = 1): | 1.2        |
| Vapor Pressure (mm Hg):  | N/A | Melting Point:                           | N/A        |
| Vapor Density (AIR = 1): | > 1 | Evaporation Rate (Butyl Acetate = 1):    | NEGLIGIBLE |

Solubility in Water: NEGLIGIBLE

Appearance and Odor: COPPER COLORED SEMI-SOLID: OIL/GREASE ODOR

VOC Statement: VOC AS MANUFACTURED; 0 GRAMS/LITER (G/L)

**Section IV - Fire and Explosion Hazard Data**

|  |                   |             |             |
|--|-------------------|-------------|-------------|
| Flash Point (Method Used):<br>MINIMUM 385°F (PMCC) | Flammable Limits: | LEL:<br>N/A | UEL:<br>N/A |
|--|-------------------|-------------|-------------|

Extinguishing Media: DRY CHEMICAL, CARBON DIOXIDE, WATER FOG, FOAM OR ALCOHOL FOAM.

Special Fire Fighting Procedures: USE FULL BODY PROTECTIVE CLOTHING AND FULL FACE PIECE, SELF-CONTAINED BREATHING APPARATUS OPERATED IN A POSITIVE PRESSURE MODE.

Unusual Fire and Explosion Hazards: PRODUCT FUME, VAPOR, AND/OR DUST MAY BE TOXIC AND/OR RESPIRATORY IRRITANTS.

|                                    |           |  |                          |
|------------------------------------|-----------|--|--------------------------|
| <b>Section V - Reactivity Data</b> |           | <b>“NO-SEIZE” ANTI-SEIZE LUBRICANT AND THREAD SEALANT CU</b> |                          |
| Stability:                         | Unstable: |  | Conditions to Avoid: N/A |
|                                    | Stable:   | X  |                          |

Incompatibility (Materials to Avoid): STRONG OXIDIZERS AND THIS PRODUCT MAY LIBERATE HYDROGEN GAS

Hazardous Decomposition or Byproducts: CO, CO2, AND OXYGENATES MAY BE FORMED DURING COMBUSTION. HIGH TEMPERATURES MAY CAUSE METAL-FUME.

|                           |                 |   |                          |
|---------------------------|-----------------|---|--------------------------|
| Hazardous Polymerization: | May Occur:      |   | Conditions to Avoid: N/A |
|                           | Will Not Occur: | X |                          |

**Section VI - Health Hazard Data**

|                    |                 |           |                |
|--------------------|-----------------|-----------|----------------|
| Route(s) of Entry: | Inhalation? YES | Skin? YES | Ingestion? YES |
|--------------------|-----------------|-----------|----------------|

Health Hazards (Acute and Chronic): ACUTE: IF LEFT UNTREATED: WEAKNESS, VOMITING, LOSS OF APPETITE, UNCOORDINATED BODY MOVEMENTS, CONVULSIONS, STUPOR AND POSSIBLE COMA. PRODUCT MIST: MAY CAUSE IRRITATION OF RESPIRATORY TRACT. CHRONIC: WEAKNESS, INSOMNIA, SLIGHT IRRITATION TO SKIN AND EYES. METALLIC TASTE IN MOUTH, ANEMIA, CONSTIPATION, HEADACHE, MUSCLE AND JOINT PAINS. NEUROMUSCULAR DYSFUNCTION. POSSIBLE PARALYSIS, AND ENCEPHALOPATHY. PROLONGED AND REPEATED CONTACT WITH THE PRODUCT MAY CAUSE A DEFATTING ACTION OF THE SKIN. DERMATITIS AND/OR ACNE.

|                  |         |                     |                    |
|------------------|---------|---------------------|--------------------|
| Carcinogenicity: | NTP? NO | IARC Monographs? NO | OSHA Regulated? NO |
|------------------|---------|---------------------|--------------------|

Signs and Symptoms of Exposure: SKIN CONTACT: GREASE, DUST, VAPOR, AND/OR FUME MAY CAUSE IRRITATION. INHALATION: MIST, DUST, VAPOR, AND/OR FUME MAY BE IRRITATING TO RESPIRATORY SYSTEM AND CAN CAUSE IRRITATION. INGESTION: CAN BE ABSORBED BY THE DIGESTIVE SYSTEM AND RESULT IN ACUTE AND CHRONIC OVEREXPOSURE.

Medical Conditions Generally Aggravated by Exposure: RESPIRATORY DISEASES, DERMATITIS, LIVER RELATED DISEASES OR CONDITIONS, KIDNEY AND CENTRAL NERVOUS SYSTEM RELATED.

Emergency and First Aid Procedures: EYES: FLUSH WITH COPIOUS QUANTITIES OF WATER. GET MEDICAL ATTENTION IMMEDIATELY. SKIN: PROMPTLY WIPE OFF MATERIAL AND WASH THOROUGHLY WITH SOAP AND WATER. INHALATION: REMOVE FROM EXPOSURE. GET MEDICAL ATTENTION IF EXPERIENCING EFFECTS OF OVEREXPOSURE. INGESTION: GET MEDICAL ATTENTION IMMEDIATELY. DO NOT INDUCE VOMITING.

**Section VII - Precautions for Safe Handling and Use**

Steps to Be Taken in Case Material is Released or Spilled: SCOOP UP EXCESS. CLEANSE AREA WITH APPROPRIATE CLEANER. MATTER SHOULD BE STORED IN DRY CONTAINERS FOR LATER DISPOSAL. DO NOT USE COMPRESSED AIR OR DRY SWEEPING AS A MEANS OF CLEANING.

Waste Disposal Method: DISPOSE OF TOXIC SUBSTANCES AND HAZARDOUS WASTE IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.

Precautions to Be Taken in Handling and Storing: STORE IN COOL, DRY PLACE. CLOSE CONTAINER WHEN NOT IN USE. AVOID REPEATED CONTACT WITH SKIN. KEEP OUT OF REACH OF CHILDREN.

Other Precautions: THIS PRODUCT IS INTENDED FOR INDUSTRIAL USE ONLY.

**Section VIII - Control Measures**

Respiratory Protection (Specify Type): AS SPECIFIED BY 29CFR1910.1025 (f) AND 29CFR1910.134 OF OSHA STANDARDS.

|              |                                 |              |
|--------------|---------------------------------|--------------|
| Ventilation: | Local Exhaust: SEE ABOVE        | Special: N/A |
|              | Mechanical (General): SEE ABOVE | Other: N/A   |

Protective Gloves: RUBBER GLOVES      Eye Protection: FACE SHIELD OR VENTED GOGGLES.

Other Protective Clothing or Equipment: COVERALLS SHOULD BE WORN WHEN USING THIS PRODUCT.

Work/Hygienic Practices: LAUNDRY CONTAMINATED CLOTHING. DISPOSE OF CONTAMINATED LEATHER CLOTHING.