



**ZEP MANUFACTURING COMPANY**  
 Acuity Specialty Products Group, Inc.  
 P.O. BOX 2015  
 ATLANTA, GA 30301  
 1-877-1-BUY-ZEP

**Material Safety Data Sheet  
 and Safe Handling and Disposal Information**

Issue Date 02/26/01  
 Supersedes 10/30/00  
 Product Name **ZEP COOPRI-LUBE PASTE**  
 Product No. **F071**  
 Anti-Seize Agent

PYRRO EQUIPMENT SERVICE  
 42 KNOX TRAIL  
 ACTON MA 01720

Printing date: 08/08/08

**SECTION I - EMERGENCY CONTACTS**

**For MSDS Information:**  
 Acuity Specialty Products Group, Inc.  
 Compliance Services 1-877-4-BUY-ZEP

**For Medical Emergency:**  
 INFOTRAC  
 (877) 541-2016 Toll Free - All Calls Recorded

**For a Transportation Emergency:**  
 CHEMTREC  
 (800) 424-9300 - All Calls Recorded  
 In the District of Columbia (202) 483-7616

**SECTION II - HAZARDOUS INGREDIENTS**

@ \*\* COPPER \*\* copper metal; CAS# 7440-50-8; RTECS# GL5325000; OSHA PEL : TWA (dust,mist)- 1 mg/m3; ACGIH TLV (dust, mist)- 1 mg/m3; TLV - N/D; EFFECTS - TOX; % IN PROD - 20-30  
 \*\* CRYSTALLINE SILICA - QUARTZ \*\* silicon dioxide, flint, chalcedony; CAS# 14808-60-7; RTECS# VV7330000; OSHA PEL- [10mg/m3]/%SiO2 + 2; ACGIH TLV - 0.05mg/m3; TLV - N/D; EFFECTS - IRR CAR; % IN PROD - < 5  
 \*\* PARAFFIN OIL \*\* blend of heavy and light naph\_ thenic petroleum distillate; CAS# 64742-52-5; RTECS# NONE; OSHA PEL - N/D; ACGIH OIL MIST LIMIT= 5mg/m3 ; TLV - N/D; EFFECTS - IRR; % IN PROD - 50-60  
 \*\* GRAPHITE \*\* CAS# 7782-42-5; RTECS# MD9659600; OSHA PEL - 5 mg/m3 (respirable); ACGIH TLV - 2 mg/m3 (respirable); TLV - N/D; EFFECTS - IRR; % IN PROD - 10-20  
 @ -Reportable under the SARA 313 Toxic Release Inventory

**SECTION III - HEALTH HAZARD DATA**

SPECIAL NOTE: MSDS data pertains to the product as dispensed from the container. Adverse health effects would not be expected under recommended conditions of use (diluted) so long as prescribed safety precautions are practiced.

**ACUTE EFFECTS OF OVEREXPOSURE:**  
 Contact with this product may irritate eyes and skin. Inflammation of the eye is characterized by redness, watering, and itching. Skin inflammation is characterized by itching, scaling, or reddening. Ingestion of large quantities may cause systemic toxicity including gastrointestinal bleeding, anemia, and/or damage to the liver and kidneys. One of the ingredients in this product has caused sensitization reactions in a small percentage of the general population.

**CHRONIC EFFECTS OF OVEREXPOSURE:**  
 Long term exposure to silicon dioxide has been known to cause silicosis, a lung disease indicated by a dry cough and gradual decrease in breathing ability. Respirable crystalline silica has been shown to have carcinogenic effects when overexposure occurs via the route of inhalation. However, due to the nature of this product, no such effects are possible.

EST'D PEL/TLV: Not established  
 PRIMARY ROUTES OF ENTRY: Skin, Ing.  
 HMIS CODES: HEALTH 1; FLAM 1; REACT 0; PERS. PROTECT B; CHRONIC HAZ NO  
**FIRST AID PROCEDURES:**  
 SKIN: Wash contaminated skin with soap or a mild detergent. Get medical attention if irritation develops.  
 EYES: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting upper and lower lids. Get medical attention at once.  
 INHALE: This route of exposure is not likely due to product nature.  
 INGEST: If this product is swallowed, do not induce vomiting. If individual is alert, give plenty of water to drink. Get medical attention at once.

**SECTION IV - SPECIAL PRECAUTION INFORMATION**

**PROTECTIVE CLOTHING:** The use of natural rubber, neoprene, or nitrile gloves is recommended if prolonged skin contact is expected.  
**EYE PROTECTION:** As with all chemical products, eye contact should be avoided. Implement protective measures based on conditions of use and potential for exposure.  
**RESPIRATORY PROTECTION:** No special measures are required.  
**VENTILATION:** No special measures are required.

**SECTION V - PHYSICAL DATA**

BOILING POINT (F) - 550 INITIAL  
VAPOR PRESSURE(mmHg) - N/A  
VAPOR DENSITY(AIR-1) - N/A  
SOLUBILITY IN WATER - INSOLUBLE  
pH(USE DILUTION OF) - N/D  
VOC CONTENT (CONCENTRATE) - 0.0%  
APPEARANCE AND ODOR - A COPPER-COLORED PASTE WITH A SLIGHT PETROLEUM ODOR.

SPECIFIC GRAVITY - 1.302  
EVAPORATION RATE (N/D=1) - N/D  
pH(CONCENTRATE) - N/D

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#### SECTION VI - FIRE AND EXPLOSION DATA

FLASH POINT(F) (METHOD USED): 300 PMCC  
FLAMMABLE LIMITS:LEL: N/A UEL: N/A  
EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, water, and foam  
SPECIAL FIRE FIGHTING: Wear self-contained positive pres. breathing apparatus.  
UNUSUAL FIRE HAZARDS: May decompose to form toxic/corrosive gases.

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#### SECTION VII - REACTIVITY DATA

STABILITY: Stable  
INCOMPATIBILITY(AVOID): Strong acids, alkalis, and oxidizers.  
POLYMERIZATION: Will not occur.  
HAZARDOUS DECOMPOSITION: Carbon dioxide, carbon monoxide, and other unidentified organic compounds.

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#### SECTION VIII - SPILL AND DISPOSAL PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIALS IS RELEASED OR SPILLED:  
Observe safety precautions in sections 4 & 9 during clean-up. Spills are not expected due to the nature of the product. If material is dropped or contaminated, pick up and place in a suitable waste container. Wash area with a detergent solution and rinse well with water.  
WASTE DISPOSAL METHOD:  
Product is consumed in use. Product is not considered a hazardous waste by RCRA. Small quantities of unusable material should be placed in the trash.  
RCRA HAZ WASTE NOS: N/A

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#### SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN WHEN HANDLING AND STORING  
Close container tightly when not in use. Store away from sun and heat. AVOID CONTACT WITH SKIN AND EYES. Keep product out of eyes. Keep away from food and food products. Clothing or shoes which become contaminated with substance should be removed promptly and not reworn until thoroughly cleaned. Keep out of the reach of children.

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#### SECTION X - REGULATORY INFORMATION

DOT PROPER SHIPPING NAME: PAINT, NOI  
NOTE: DOT information applies to larger package sizes of affected products. For some products, DOT may require alternate names and labeling in accordance with packaging group requirements.  
DOT HAZARD CLASS: NA DOT PACKING GROUP:  
DOT I.D. NUMBER: DOT LABEL/PLACARD:  
EPA TSCA CHEMICAL INVENTORY - ALL INGREDIENTS ARE LISTED  
EPA CWA 40CFR PART 117 SUBSTANCE(RQ IN A SINGLE CONTAINER): NONE  
EPA CAA: N/A  
FOR OUR CALIFORNIA CUSTOMERS :  
PROPOSITION 65 CHEMICAL(S) IN THIS PRODUCT IS/ARE:  
WARNING: This product contains the following chemical(s) known to the State of California to cause cancer: CRYSTALLINE SILICA