

MATERIAL SAFETY DATA SHEET – TAPIT ALL Lubricants Tapping Paste

MSDS DATE: 01/12/2013

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Bio-Based Lubricant (Tapping paste)
SYNONYMS: Seed oil-based Lubricants
PRODUCT CODES: Vegetable oil/Molybdenum/Fumed Silica

MANUFACTURER: **TAPIT ALL Lubricants[®], LLC**
ADDRESS: 3595 E. Fountain Blvd, Ste M-2
Colorado Springs, CO 80910

EMERGENCY PHONE: 719-200-9141
BUSINESS PHONE: 719-200-9141
FAX PHONE: 719-685-7878

PRODUCT NAME: **TAPIT ALL TAPPING AND GENERAL PURPOSE PASTE**
CHEMICAL FAMILY: Proprietary non-toxic, non-carcinogenic paste

PRODUCT USE: Any metal, alloy, or super alloy tapping to include: anodized aluminum, K-Monel 500, nitronic 50, Inconel, titanium, etc.)

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT:
Proprietary mixture of natural elements and food grade ingredients.

CAS NO. 800-122-7

SECTION 3: HAZARDS IDENTIFICATION

HAZAROUS MATERIAL RATING:
Health 0
Flammability 1
Reactivity 0
Special 0

EMERGENCY OVERVIEW: This oil is non-hazardous, non-toxic, non-corrosive, and BioBased

POTENTIAL HEALTH EFFECTS

EYES: Contact may cause mild eye irritation
SKIN: Contact may cause mild skin irritation
INGESTION: May cause Gastrointestinal Distress and/or Diarrhea
INHALATION: Vapors (not generally present) may irritate the mucus membranes

ACUTE HEALTH HAZARDS: Not Available. This product does not contain any chemicals listed by IARC, NTP or OSHA as carcinogens

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None

SECTION 4: FIRST AID MEASURES

EYES: Immediately flush with water for 15 minutes and call a physician if irritation persists
SKIN: Wash with soap and water
INGESTION: Call a physician. Do Not Induce Vomiting
INHALATION: Move away from the source of exposure

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SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER: Less than 500 Degrees F

FLASH POINT: ASTM – 92 in excess of 597 F

AUTOIGNITION TEMPERATURE: Not Available

EXTINGUISHING MEDIA: Use, sand, dry chemical or chemical foam

SPECIAL FIRE FIGHTING PROCEDURES: The use of NIOSH/MSHA approved self-contained breathing apparatus is Recommended for fire fighters

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide and aldehydes

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: STEPS TO BE TAKEN IN CASE MATERIAL SPILLED:

Evacuate all non-essential personnel. Use non-sparking tools to shovel spilled material into plastic or metal containers. Remove containers to a safe area and seal. Wash hard surfaces with copious amounts of water to remove remaining material

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Avoid direct eye contact or ingestion. Use with eye protectors with side guards when applying to tool. Store upright in a well-ventilated area out of direct sunlight. This product should be handled and stored per label instructions to ensure product integrity. Do not reuse containers. Store away from strong oxidizers. Keep away from heat, sparks, and flame. Keep out of the reach of children.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: None

VENTILATION: Mechanical ventilation is recommended

RESPIRATORY PROTECTION: None required in normal usage. ANOH approved respirator is advised in the absence of proper ventilation.

EYE PROTECTION: Wear safety glasses with side shields or goggles.

SKIN PROTECTION: Chemical resistant or neoprene gloves for those with allergies to Soybean Oil
– Or for employees who prefer to use such gloves

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Eye wash and safety shower

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Black/Silver gray paste

ODOR: mild vegetable oil odor

PHYSICAL STATE: Semi-solid with a petroleum jelly like consistency

BOILING POINT: Not Applicable

VAPOR DENSITY (AIR = 1): Less than 1

SPECIFIC GRAVITY (H₂O = 1): 0.9

SOLUBILITY IN WATER: Negligible/none; Psste is extremely hydrophobic

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SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable

INCOMPATIBILITY/Materials/CONDITIONS TO AVOID (STABILITY): Strong oxidizers; Do Not Mix with Water

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: None

HAZARDOUS POLYMERIZATION: Has not been reported

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION:
MEDICAL CONDITIONS MAY BE AGGRAVATED BY EXPOSURE: Repeated or prolonged exposure to this compound is not known to aggravate existing medical conditions

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION:
No definitive information is available on the environmental impact if product is released to the environment. Prevent contamination of ground and surface water

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of in accordance with local, state and federal regulations.

The condition of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expenses arising out of or in any way connected with the handling, storage, use or disposal of the product.

SECTION 14: TRANSPORT INFORMATION

D.O.T. I.D No: None/Not Applicable
D.O.T. LABEL REQUIRED: None/Not Applicable
HAZARD CLASS: None/Not Applicable
PACKING GROUP: None/Not Applicable

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS
TSCA (TOXIC SUBSTANCE CONTROL ACT): No substance listed on the TSCA inventory at levels considered toxic is present in the paste.

SECTION 16: OTHER INFORMATION

Do NOT Attempt to Mix With water or other water based substances

Wiping off is usually sufficient. Clean off with warm soapy water and rinse with cool water or alternatively. Depending on intensity of tapping/cutting there may not be a residue.