

ITEM: 12U075 - Buffing Compound Green 4 oz.

MSDS: C1540

ORDER: 0107910025

LP NUMBER: U552240092

MATERIAL SAFETY DATA SHEET (MSDS)

This MSDS should be attached or kept with the respective product with which it is associated.

SAFETY DATA SHEET - C1540

Associated Grainger Items
12U075, 12U096

COMMON NAME: GREEN BUFFING COMPOUND

MANUFACTURER: BEILUN FUTUO MECHANICAL TOOLS CO., LTD

MSDS REVISION DATE: 7/25/2011

GRAINGER ITEM NUMBER: 12U075, 12U096

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: POLISHING COMPOUND

SYNONYMS: NOT AVAILABLE

PRODUCT USE: BUFFING AND / OR POLISHING

IF THIS PRODUCT IS USED IN COMBINATION WITH OTHER PRODUCTS, REFER TO THE MATERIAL SAFETY DATA SHEET FOR THOSE PRODUCTS.

MANUFACTURER: BEILUN FUTUO MECHANICAL TOOLS CO., LTD

ADDRESS:
DAQI INDUSTRIAL ZONE
NINGBO ZHEJIANG

EMERGENCY TELEPHONE: (574) 86108314

TELEPHONE FOR INFORMATION: (574) 86108314

DATE PREPARED: JULY 16, 2011

PREPARED BY: SUSAN MENG

CHEMICAL FAMILY: ORGANIC/INORGANIC MIXTURE

REPORTABLE QUANTITIES: NONE

FORMULA: PROPRIETARY FORMULA - ABRASIVE/GREASE MIXTURE

SECTION 2 - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

HAZARDOUS COMPONENT	%	OSHA PEL	CAS NO.	ACGIH TLV
TRIPOLI CERISE	10-13	NA	61789-97-7	NA
T.	5-7	NA	67701-27-3	NA
PLANT OIL	17-20	NA	8002-9-3	NA
CHROMIUM TRIOXIDE	60-65	NA	1333-82-0	NA

APPEARANCE: WHITE PASTE, SOLVENT ODOR.

POTENTIAL IMPACT ON HEALTH:

INHALATION (BEARING): DUST MAY CAUSE RESPIRATORY IRRITATION.

INGESTION:
NONE EXPECTED UNDER NORMAL USE CONDITIONS. SWALLOWING LARGE PIECES MAY CAUSE OBSTRUCTION OF THE GASTROINTESTINAL TRACT.

EYE:
DUST MAY CAUSE EYE IRRITATION. DUST PARTICLES OR FILLINGS MAY CAUSE INJURY TO THE EYES

ALLERGY: NOT EXPECTED TO CAUSE ANY ALLERGY.

CHRONIC:
OVEREXPOSURE TO DUST MAY CAUSE DAMAGES TO LUNGS (FIBROSIS) WITH SYMPTOMS OF COUGHING, SHORTNESS OF BREATH AND DIMINISHED BREATHING CAPACITY. CHRONIC EFFECTS MAY BE AGGRAVATED BY SMOKING. PROLONGED EXPOSURE TO ELEVATED NOISE LEVELS DURING OPERATIONS MAY AFFECT HEARING. A GREATER HAZARD, IN MOST CASES, IS THE EXPOSURE TO THE DUST/FUMES FROM THE MATERIAL OR PAINT/COATINGS BEING MACHINED. MOST OF THE DUST GENERATED DURING PROCESSING IF FROM THE BASE MATERIAL BEING PROCESSED AND THE POTENTIAL HAZARD FROM THIS EXPOSURE MUST BE EVALUATED.

CARCINOGENICITY:
NONE OF THE INGREDIENT IS LISTED AS A CARCINOGEN OR POTENTIAL CARCINOGEN BY OSHA, NTP, ACGIH, OR IARC.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:
OPERATOR/MANIPULATOR WITH PRE-EXISTING RESPIRATORY DISEASE MAY BE AT RISK DUE TO EXPOSURE.

ACUTE TOXICITY VALUES. THIS PRODUCT AND ITS INGREDIENTS ARE NOT ACUTELY TOXIC.

WARNING:
EXPOSURE TO DUST PARTICLES SHOULD NOT EXCEED THE LIMIT OF ACGIH, TLV-TWA RECOMMENDED CEILINGS FOR RESPIRABLE SILICA AND/OR TRIPOLI DUST AT 0.1 MG/M3. AVOID BREATHING IN AIR CONTAINING ABRASIVE MATERIALS, FOLLOWING OSHA SAFETY AND HEALTH STANDARDS FOR DUST ACCUMULATION COLLECTION.

SECTION 3 - FIRST AID MEASURES

INHALATION (BEARING): EVACUATE TO WHERE FRESH AIR IS AVAILABLE.

EYES:
IF IRRITATION OR REDNESS OCCUR, EVACUATE TO WHERE FRESH AIR IS AVAILABLE. UPON CONTACT, IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER, HOLDING EYELIDS APART, FOR 15 MINUTES.

SKIN:
WASH WITH SOAP AND WATER. OBTAIN FIRST AID AND/OR MEDICAL ASSISTANCE IF SYMPTOMS PERSIST

INGESTION: OBTAIN FIRST AID OR MEDICAL ASSISTANCE WHEN NEEDED.

OTHER POTENTIAL HEALTH RISKS:
(PROLONGED INHALATION OF DUST PARTICLES MAY RESULT IN PULMONARY FIBROSIS.

CARCINOGENICITY:
NTP: NOT REQUIRED
IARC: NOT REPORTED
OSHA: NOT REPORTED

REGULAR CONSTANT VIGILANCE IN SAFETY AND MAINTENANCE CHECK-UP PROGRAMS ARE ADVISED TO REDUCE RISKS ASSOCIATED WITH BUFFING AND POLISHING OPERATIONS.

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): >300 DEGREES F C.O.C.

FLAMMABLE LIMITS: NOT ESTABLISHED

LEL:
UEL:

EXTINGUISHING MEDIA: CO2 - DRY CHEMICAL, FOAM, WATER FOG.

SPECIAL FIRE FIGHTING PROCEDURES:
DRY POLISHING COMPOUND AND BUFFING WHEEL LINT AND DEBRIS MAY MAKE THE MIX COMBUSTIBLE. TREAT AS AN OIL FIRE.

UNUSUAL FIRE AND EXPLOSION HAZARDS:
NONE FOR NEW AND UNUSED STORED MATERIAL.

SECTION 5 - STABILITY AND REACTIVITY

STABILITY: STABLE

INCOMPATIBILITY (MATERIALS TO AVOID): STRONG OXIDIZERS OR REDUCING AGENTS

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:
DUST FROM MACHINING COULD CONTAIN INGREDIENTS LISTED IN SECTION 2 AND OTHER, POTENTIALLY MORE HAZARDOUS COMPONENTS OF THE BASE MATERIAL BEING MACHINED OR COATINGS APPLIED TO THE BASE MATERIAL. COMBUSTION WILL FORM OXIDES OF CARBON AND SMOKE.

HAZARDOUS POLYMERIZATION: NONE

SECTION 6 - HANDLING AND STORAGE

KEEP AWAY FROM HEAT, SPARKS, OR FLAME. WHERE FLAMMABLE MIXTURES MAYBE PRESENT, EQUIPMENT SAFETY FOR SUCH LOCATIONS SHOULD BE USED. USE CLEAN, SPARK PROOF TOOLS AND EXPLOSION-PROOF EQUIPMENT. WHEN TRANSFERRING PRODUCT, METAL CONTAINERS, INCLUDING TRUCKS AND TANK CARS, SHOULD BE GROUNDED AND BONDED. DO NOT BREATHE VAPOR OR DUST. USE IN A WELL VENTILATED AREA. AVOID CONTACT WITH EYES, SKIN, CLOTHING, AND SHOES. DO NOT SMOKE WHILE USING THIS PRODUCT.

KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE AND DURING TRANSPORT. STORE CONTAINERS IN A COOL, DRY PLACE. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, OR GRIND CONTAINERS. KEEP CONTAINERS AWAY FROM HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION. EMPTY PRODUCT CONTAINERS MAY RETAIN PRODUCT RESIDUE AND CAN BE DANGEROUS.

SECTION 7 - CONTROL MEASURES

RESPIRATORY PROTECTION (SPECIFY TYPE):
OSHA 24 CFR/134 NIOSH/MSHA APPROVED RESPIRATORS FOR PARTICULATES FROM BUFFING DEBRIS.

VENTILATION:
LOCAL EXHAUST: GENERAL ROOM VENTILATION.
MECHANICAL (GENERAL): RECOMMEND VENTING TO DUST COLLECTORS.

PROTECTIVE GLOVES: WEAR HEAVY-DUTY WORK-TYPE GLOVES FOR HAND PROTECTION.

EYE PROTECTION:
WEAR SAFETY GLASSES AND/OR FACE SHIELD HELMETS (SEE OSHA 29 CFR 1910.122 (SAFETY GLASSES)).

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:
PROTECTIVE WORK CLOTHING, BODY APRON OR BELLY PADS, SAFETY SHOES, AS NEEDED.

HEARING PROTECTION:

AVOID PROLONGED EXCESSIVE NOISE LEVELS CREATED BY BUFFING AND POLISHING OPERATIONS (SEE OSHA 29 CFR 1910.215 (HEARING PROTECTION)).

THE INFORMATION AND RECOMMENDATIONS SET FORTH HEREIN ARE TAKEN FROM SOURCES BELIEVED TO BE ACCURATE AS OF THE DATE HEREOF; HOWEVER, BEILUN FUTUO MAKES NO WARRANTY WITH RESPECT TO THE ACCURACY OF THE INFORMATION OR THE SUITABILITY OF THE RECOMMENDATION, AND ASSUMES NO LIABILITY TO ANY USER THEREOF.

NAIF = NO APPLICABLE INFORMATION FOUND
N/A = NOT APPLICABLE

SECTION 8 - PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: GREEN PASTE, SOLVENT ODOR.

APPEARANCE, AND ODOR: 0.09 PPM (BASED ON KEROSENE)

MOLECULAR WEIGHT: NOT AVAILABLE.

SPECIFIC GRAVITY: 1.2 (WATER=1) (APPROXIMATELY)
DENSITY: 10 LB/US GAL (1200 G/L) (APPROXIMATELY)
VAPOR DENSITY: GREATER THAN 1 (AIR = 1)
VAPOR PRESSURES: 5 MMHg AT 100 DEG. F (38 DEG. C) (MAXIMUM)
BOILING POINT: GREATER THAN 212 DEG. F (100 DEG. C)
FREEZING/MELTING POINT: NOT AVAILABLE
pH: NOT AVAILABLE
EVAPORATION RATE: LESS THAN 1 (BUTYL ACETATE=1)
SOLUBILITY IN WATER: SLIGHT
FLASH POINT: 195 DEG. F (91 DEG. C) PENSKEY-MARTENS CLOSED CUP
FLAMMABLE LIMITS IN AIR:
LOWER: 0.7 VOL% (MINIMUM)
UPPER: 5.0 VOL% (MAXIMUM)
AUTOIGNITION TEMPERATURE: 410 DEG. F (210 DEG. C) (APPROXIMATELY)