

EURO TOOL, Inc.
14101 Botts Rd.
Grandview, MO 64030

*Estimated
N/A-Not Applicable
N/R-Not Restricted
N/E-Not Established

MATERIAL SAFETY DATA SHEET

NOTE: BLANK SPACES ARE NOT PERMITTED. IF ANY ITEM IS NOT APPLICABLE, THE SPACE MUST BE MARKED TO INDICATE THAT.					
IDENTITY (As shown on Label or package) Jewelry Shield			PART NO. IF APPLICABLE JWL-180.00/JWL-182.00		
SECTION I					
EURO TOOL, Inc. 14101 Botts Rd. Grandview, MO 64030			ChemTel Emergency #: US/Canada toll free: 1-800-255-3924 All other locales: + 1 813-248-0585 Collect calls are accepted.		
			REVISION # 0001		
			DATE MSDS WAS PREPARED November 12, 2013		
SECTION II - HAZARDOUS INGREDIENTS INFORMATION. All Health Hazards which comprise 1% or greater of the composition and all carcinogens if 0.1% of the composition or greater.					
HAZARDOUS COMPONENTS CHEMICAL and IDENTITY AND COMMON NAME (S)	% Wt. (OPTIONAL)	CAS NO.	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMEND
Methyl Ethyl Ketone	50-60	78-93-3	200 ppm	200 ppm	None
Xylene	20-25	1330-20-7	100 ppm	100 ppm	None
Ethylbenzene	5 - 10	100-41-4	100 ppm	100 ppm	None
SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS					
BOILING POINT 175°F	SPECIFIC GRAVITY (H ₂ O =1) 0.86		APPROXIMATE WEIGHT PER GALLON (LBS) 7.19		
VAPOR PRESSURE 78 mmHg @ 20°C	VAPOR DENSITY (AIR = 1) Heavier than air		EVAPORATION RATE (BUTYL ACETATE =1) > 1.0		
SOLUBILITY IN WATER Insoluble	% VOLATILE 85 VOC LBS/GAL 6.1		OTHER (IF ANY) None		
APPEARANCE AND ODOR Clear Liquid, Characteristic Solvent Odor.					
SECTION IV-FIRE AND EXPLOSION HAZARD DATA					
FLASH POINT 23°F (METHOD USED) TCC		FLAMMABLE LIMITS	LEL 1.0	UEL 11.5	
EXTINGUISHING MEDIA Carbon Dioxide, Dry Chemical, or Foam					
SPECIAL FIRE FIGHTING PROCEDURES Self contained breathing apparatus with a full face piece, operated in pressure demand or other positive pressure mode.					
UNUSUAL FIRE AND EXPLOSION HAZARDS This material is flammable and may be ignited by heat, sparks, flame or static electricity.					
HAZARDOUS PRODUCTS FORMED BY FIRE OR THERMAL DECOMPOSITION Carbon Dioxide and/or Carbon Monoxide, Hydrogen Chloride and organic hydrocarbons.					
EXPLOSIVE LIMITS (% BY VOLUME IN AIR) 1.0 – 11.5					
SECTION V - OPTIONAL HAZARD RATINGS IDENTIFICATION					
HAZARD RATING 4-EXTREME 3-HIGH 2-MODERATE 1-SLIGHT 0-INSIGNIFICANT **SEE SECTION IV		National Fire Protection Association (NFPA) FIRE <u> 3 </u> REACTIVITY <u> 0 </u> . HEALTH <u> 2 </u> SPECIAL HAZARDS <u> None </u> .			

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SECTION VI - REACTIVITY AND STABILITY DATA			
STABILITY	UNSTABLE	STABLE	X
INCOMPATIBILITY (Materials to Avoid) Strong acids, bases, oxidizing agents, selected amines and with alkali metals and halogens.			
HAZARDOUS DECOMPOSITION OR BY PRODUCTS Carbon Monoxide, Carbon Dioxide			
HAZARDOUS POLYMERIZATION	MAY OCCUR	WILL NOT OCCUR	X
		CONDITIONS TO AVOID None	
SECTION VII - HEALTH HAZARD DATA			
ROUTES OF ENTRY	INHALATION?	Yes	SKIN? Yes
			INGESTION? Yes
			EYES? Yes
HEALTH HAZARDS	ACUTE	X	See Signs and Symptoms of Exposure below.
	CHRONIC	X	Brain and Nervous System Damage (Referred to as solvents or painters syndrome). Drying or Cracking skin.
CARCINOGENICITY: IARC 2B			
SIGNS AND SYMPTOMS OF EXPOSURE			
Headache, Dizziness, Drowsiness, Fatigue, Irregular Heartbeat, Skin and Eye Irritation.			
Target Organs: CNS, CVS, PNS, Liver, Kidneys, Lungs, Respiratory System, Skin.			
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE Pre-existing Heart, Liver, Kidney and Lung disorders.			
EMERGENCY AND FIRST AID PROCEDURES			
Ingestion: Contact Physician or Poison Control Immediately.			
Inhalation: Remove to fresh air. Administer Oxygen or Artificial Respiration if Necessary.			
Eye Contact: Flush with large amounts of water. If irritation persists, contact Physician.			
Skin: Wash with soap and water.			
SECTION VIII - PRECAUTIONS FOR SAFE HANDLING AND USE			
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED			
Wipe up with floor absorbent. Transfer to hood. Prevent run-off to sewers.			
Eliminate all sources of ignition. Ventilate to maintain exposure below PEL's. Use sand or other material to dam or contain spills. If large spill, notify appropriate state or local agencies.			
WASTE DISPOSAL METHODS Dispose of product in accordance with local, county, state and federal regulations.			
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE			
Keep away from sparks, flame and heat sources. Do not store above 120°F. Store this product with adequate ventilation. Avoid inhalation of vapors and personal contact with liquid product. Use good personal hygiene practices.			
OTHER PRECAUTIONS			
Keep Container Closed When Not In Use. All containers should be disposed of in an environmentally safe manner accordance with governmental regulations.			
SECTION IX - CONTROL MEASURES			
RESPIRATORY PROTECTION (SPECIFY TYPE) Depending on the Airborne concentration, use a Respirator with appropriate NIOSH approved cartridge or supplied air equipment.		PROTECTIVE GLOVES Impervious Gloves	
VENTILATION	LOCAL EXHAUST Supplemental (if needed)	SPECIAL None	
	MECHANICAL (GENERAL) To maintain exposure below PEL's.	OTHER None	
EYE PROTECTION Chemical splash goggles or approved eye protection.		OTHER PROTECTIVE CLOTHING OR EQUIPMENT Chemical Apron/Eye bath/Safety shower	
WORK HYGIENIC PRACTICES Wash thoroughly after handling.			
SECTION X - TRANSPORTATION INFORMATION (Optional)			
DOT PROPER SHIPPING NAME Coating Solution		DOT HAZARD CLASS 3	
DOT UN NUMBER UN 1139		DOT PACKING GROUP II	
IATA PROPER SHIPPING NAME Coating Solution		IATA HAZARD CLASS 3	
IATA UN NUMBER UN 1139		IATA PACKING GROUP II	
SECTION XI - 313 SUPPLIER NOTIFICATION			
THIS PRODUCT CONTAINS THE FOLLOWING CHEMICALS SUBJECT TO REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT -TO-KNOW ACT OF 1986, 40 CFR 372, (see table on page 1 for CAS # and percent by weight). Methyl Ethyl Ketone, Xylene and Ethylbenzene			
WARNING: THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS, OR OTHER REPRODUCTIVE HARM.			

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Prepared By: Michael N Hindin

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