



MATERIAL SAFETY DATA SHEET

FOR PRINTING INK AND RELATED MATERIALS

800 ESTES AVE.
ELK GROVE VILLAGE, IL 60007
(847) 593-5200

HMIS® RATING
 MINIMAL 0
SLIGHT 1
 MODERATE 2
 SERIOUS 3
 SEVERE 4
 CHRONIC *

HEALTH	1
FLAMMABILITY	1
PHYSICAL HAZARD	1
PERSONAL PROTECTION	B

INFORMATION ON THIS FORM IS PROPRIETARY INFORMATION AND FURNISHED SOLELY FOR THE USE OF OUR CUSTOMERS.

DATE OF PREPARATION: 11/08/2012 BY D. DELEGGE

SECTION 1 - PRODUCT INFORMATION

PRODUCT NAME
TUNG OIL GLOSS VARNISH

PRODUCT CODE
SV 1030

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

CHEMICAL NAME	CAS NUMBER	% WEIGHT	OSHA PEL / ACGIH TLV -TWA (mg/m3)
(THIS PRODUCT IS NOT HAZARDOUS AS DEFINED IN 29 CFR 1910.1200)			

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

APPEARANCE	ODOR	EVAPORATION RATE (VS. BUTYL ACETATE)	LIQUID DENSITY (VS. WATER)	VAPOR DENSITY (VS. AIR)
_____ LIQUID		_____ EQUAL OR FASTER	X _____ EQUAL OR HEAVIER	X _____ EQUAL OR HEAVIER
X _____ PASTE	SLIGHT	X _____ SLOWER	_____ LIGHTER	_____ LIGHTER
BOILING RANGE (°F) 500-600	VOC % WEIGHT (LESS W&EC) 0.19	VOLATILE ORGANIC COMPOUND PER GALLON (LB.) 0.02	POUNDS PER GALLON CONVERSION 8.67	SPECIFIC GRAVITY 1.04

SECTION 4 - FIRE AND EXPLOSION DATA

COMMODITY CLASSIFICATION
III-B

FLASH POINT (°F)
> 373

LEL - UEL
(% BY VOLUME IN AIR)
(N/I)

EXTINGUISHING MEDIA: WATER SPRAY OR FOG, FOAM, CARBON DIOXIDE (CO₂), OR DRY CHEMICAL.

UNUSUAL FIRE AND EXPLOSION HAZARDS: (N/I)

SPECIAL FIREFIGHTING PROCEDURES: (N/I)

SECTION 5 - REACTIVITY DATA

PRODUCT STABILITY: STABLE UNSTABLE

INCOMPATIBILITY (MATERIALS TO AVOID): (N/I)

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: (N/I)

HAZARDOUS POLYMERIZATION: MAY OCCUR NOT EXPECTED TO OCCUR

CONDITIONS TO AVOID: EXCESSIVE HEAT, SOURCES OF IGNITION AND STRONG OXIDIZING AGENTS.

SECTION 6 - HEALTH HAZARD DATA

PRIMARY ROUTE(S) OF ENTRY DERMAL INHALATION INGESTION

HEALTH HAZARDS: (N/I)

EMERGENCY AND FIRST AID PROCEDURES:

DERMAL: WASH WITH SOAP AND WATER. GET MEDICAL ATTENTION IF SYMPTOMS OCCUR.

INHALATION: IF SYMPTOMATIC, MOVE TO FRESH AIR. TREAT SYMPTOMATICALLY. GET MEDICAL ATTENTION IF SYMPTOMS PERSIST.

INGESTION: ONLY INDUCE VOMITING AT THE INSTRUCTION OF MEDICAL PERSONNEL. CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY.

EYE: ANY MATERIAL THAT COMES IN CONTACT WITH EYES SHOULD BE WASHED OUT IMMEDIATELY WITH PLENTY OF WATER. GET MEDICAL ATTENTION IF SYMPTOMS OCCUR.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

ABSORB SPILL WITH VERMICULITE OR OTHER INERT MATERIAL, THEN PLACE IN A CONTAINER FOR CHEMICAL WASTE. CLEAN SURFACE THOROUGHLY TO REMOVE RESIDUAL CONTAMINATION.

WASTE DISPOSAL METHOD:

DISCHARGE, TREATMENT, OR DISPOSAL MAY BE SUBJECT TO NATIONAL, STATE, OR LOCAL LAWS. CONSULT FEDERAL, STATE, AND CITY REGULATORY AUTHORITIES BEFORE DISPOSAL. INCINERATION RECOMMENDED.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: STORE IN CLOSED CONTAINERS IN A COOL, WELL VENTILATED AREA.

OTHER PRECAUTIONS: (N/I)

SECTION 8 - CONTROL MEASURES

VENTILATION: GOOD GENERAL VENTILATION (TYPICALLY 10 AIR CHANGES PER HOUR) SHOULD BE USED. VENTILATION RATES SHOULD BE MATCHED TO CONDITIONS.

RESPIRATORY PROTECTION: NONE SHOULD BE NEEDED UNDER NORMAL CONDITIONS OF USE. HOWEVER, UNDER EXCEPTIONAL CIRCUMSTANCES WHEN EXCESSIVE AIR CONTAMINATION EXISTS, AN ATMOSPHERE-PURIFYING OR FILTERING RESPIRATOR MAY BE REQUIRED.

PROTECTIVE GLOVES: FOR OPERATIONS WHERE PROLONGED OR REPEATED SKIN CONTACT MAY OCCUR, IMPERVIOUS GLOVES SHOULD BE WORN.

EYE PROTECTION: IF RISK OF SPLASHING, WEAR SAFETY GOGGLES OR FACE SHIELDS.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: (N/I)

WORK/HYGIENIC PRACTICE: IT IS GOOD INDUSTRIAL HYGIENE PRACTICE TO AVOID PROLONGED OR REPEATED BREATHING OF MIST OR VAPOR, OR CONTACT WITH SKIN. AVOID CONTACT WITH EYES.

THE INFORMATION CONTAINED HEREIN IS BELIEVED TO BE CORRECT BASED ON CURRENT DATA AND IS FURNISHED WITHOUT WARRANTY OF ANY KIND. USERS SHOULD CONSIDER THESE DATA ONLY AS A SUPPLEMENT TO OTHER INFORMATION GATHERED BY THEM AND MUST MAKE INDEPENDENT DETERMINATIONS OF SUITABILITY AND COMPLETENESS OF THE INFORMATION FROM ALL SOURCES TO ASSURE PROPER USE AND HEALTH AND SAFETY OF EMPLOYEES AND CUSTOMERS, AS WELL AS DISPOSAL OF THESE MATERIALS AND THE PROTECTION OF THE ENVIRONMENT.