

PRODUCT IDENTIFIER: HIGH-GLOSS BRONZE			
SECTION 6 - TOXICOLOGICAL PROPERTIES			
ROUTE OF ENTRY:	SKIN CONTACT	X	SKIN ABSORPTION
			X
			EYE CONTACT
			X
			INHALATION
			INGESTION
			X
EFFECTS OF ACUTE EXPOSURE TO PRODUCT:			
INHALATION,EYE AND SKIN CONTACT MAY CAUSE IRRITATION			
EFFECTS OF CHRONIC EXPOSURE TO PRODUCT:			
PROLONGED OR REPEATED EXPOSURE CAN CAUSE SKIN DRYING.			
EXPOSURE LIMITS:	IRRITANCY OF PRODUCT:	SENSITIZATION TO PRODUCT:	CARCINOGENICITY:
N/AV	CONTACT WITH EYES / SKIN	N/AV	NO
TERATOGENICITY:	REPRODUCTIVE TOXICITY:	MUTAGENICITY:	SYNERGISTIC PRODUCTS:
N/AV	N/AV	N/AV	N/AV
SECTION 7 - PREVENTIVE MEASURES			
PERSONAL PROTECTIVE EQUIPMENT:			
GLOVES (SPECIFY):	RESPIRATOR (SPECIFY):	EYE (SPECIFY):	
NEOPRENE	MINIMUM - NIOSH APPROVED, ORGANIC VAPOUR CARTRIDGE FOR OVEREXPOSURES	CHEMICAL SPLASH GOGGLES	
FOOTWEAR (SPECIFY):	CLOTHING (SPECIFY):	OTHER (SPECIFY):	
IMPERVIOUS	NO	NO	
ENGINEERING CONTROLS (SPECIFY, VENTILATION, ENCLOSED PROCESS):			
GENERAL VENTILATION			
LEAK AND SPILL PROCEDURE:			
LARGE SPILL: DIKE WITH ABSORBENT, COLLECT IN DRUM. THEN DISPOSE, RINSE WITH WATER AND LET DRY.			
WASTE DISPOSAL:			
ACCORDING TO LOCAL, PROVINCIAL AND FEDERAL GOVERNMENT REQUIREMENTS.			
HANDLING PROCEDURES AND EQUIPMENT:			
NORMAL HANDLING PROCEDURES, AVOID SKIN AND EYE CONTACT.			
STORAGE REQUIREMENTS:			
STORE IN WELL VENTILATED AREAS, RECOMMENDED TEMPERATURE: 15°C (59°F)			
SPECIAL SHIPPING INFORMATION:			TDG. UN NUMBER
NORMAL PROCEDURES; KEEP FROM FREEZING.			NOT REGULATED BY TDG
SECTION 8 - FIRST AID MEASURES			
SPECIFIC MEASURES:			
INGESTION: DRINK 3-4 GLASSES OF MILK OR WATER; INDUCE VOMITING. SEEK MEDICAL ATTENTION IMMEDIATELY.			
CONTACT WITH EYES: FLUSH WITH COPIOUS AMOUNTS OF POTABLE WATER FOR 15 MINUTES. SEEK MEDICAL ATTENTION IMMEDIATELY.			
CONTACT WITH SKIN: WASH WITH SOAP AND WATER . IF IRRITATION PERSISTS SEEK MEDICAL ATTENTION.			
SECTION 9 - PREPARATION DATE OF MSDS			
PREPARED BY:	PHONE NUMBER:	DATE:	
ULTRA CHEM INDUSTRIES LTD. DIRECTOR TECHNICAL SERVICES	(604) 946-8357	JUNE 05	

MATERIAL SAFETY DATA SHEET

Abbreviations used on this Material Safety Data Sheet:

N/av. = Not available, N/ap. = Not applicable, ppm = parts per million, TLV = Threshold Limit Value.

NFPA Hazard Rating: 4 - Extreme, 3 - High, 2 - Moderate, 1- Slight, 0- None, X - Blank

WHMIS HAZARD: MINIMAL NFPA HAZARD RATING: NONE HEALTH - 1 , FLAMMABILITY - 0 , REACTIVITY - 0

SECTION 1 - PRODUCT IDENTIFICATION AND USE

PRODUCT IDENTIFIER: HIGH-GLOSS BRONZE	
PRODUCT USE: BURNISHING FINISH	
MANUFACTURER'S NAME: ULTRA CHEM INDUSTRIES LTD.	SUPPLIERS NAME:
STREET ADDRESS: #1-7107 VENTURE STREET	STREET ADDRESS:
CITY: DELTA	CITY:
PROVINC E/STATE: B.C.	PROVINCE:
POSTAL CODE: V4G 1H7	POSTAL CODE:
EMERGENCY TELEPHONE: 1-800-535-5053	EMERGENCY TELEPHONE:

SECTION 2 - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	%	CAS NUMBER	LETHAL DOSE (50%) OF INGREDIENT (SPECIFY SPECIES & ROUTE)	LETHAL CONCENTRATION (50%) OF INGREDIENT (SPECIFY SPECIES & ROUTE)
DIPROPYLENE GLYCOL PROPYL ETHER	5-7	1569-01-3	2920 MG/KG (ORAL, RAT)	N/AV
TRIBUTOXYETHYL PHOSPHATE PLASTICISER	1-2	78-51-3	3000 MG/KG (ORAL, RAT)	> 20 MG/L
ALIPHATIC ALKYD ACRYLIC POLYMER	25	NAV	NAV	NAV
WATER	66-69	7732-18		

SECTION 3 - PHYSICAL DATA

PHYSICAL STATE: EMULSION	ODOUR AND APPEARANCE: MILD ODOR; MILKY WHITE SOLUTION		THRESHOLD ODOUR (ppm): N/AV
VAPOUR PRESSURE: 17 mmHg (mm Hg)	VAPOUR DENSITY: <1 (Air = 1)	EVAPORATION RATE: >1 (WATER=1):	BOILING POINT: > 100°C
pH: 8.5±0.5	SPECIFIC GRAVITY: 1.035 (Water = 1)	COEFFICIENT OF WATER/OIL DISTRIBUTION: 100% WATER SOLUBLE	FREEZING POINT: < 0°C

SECTION 4 - FIRE AND EXPLOSION DATA

FLAMMABILITY IF YES, UNDER WHICH CONDITIONS? YES NO X			
MEANS OF EXTINCTION: AS FOR SURROUNDING FIRE			
SPECIAL PROCEDURES: NORMAL FIRE-FIGHTING PROCEDURES			
FLASHPOINT AND METHOD: NONE	UPPER FLAMMABILITY LIMIT: (% BY VOLUME) N/AP	LOWER FLAMMABILITY LIMIT: (% BY VOLUME) N/AP	
AUTOIGNITION TEMPERATURE: NONE	HAZARDOUS COMBUSTION PRODUCTS: OXIDES OF CARBON		
EXPLOSION DATA: NO		SENSITIVITY TO STATIC DISCHARGE: NO	

SECTION 5 - REACTIVITY DATA

CHEMICAL STABILITY IF NO, UNDER WHICH CONDITIONS? YES X NO			
INCOMPATIBILITY WITH OTHER SUBSTANCES IF YES, WHICH ONES? YES X NO STRONG OXIDIZING AGENTS			
REACTIVITY, AND UNDER WHAT CONDITIONS? NONE			
HAZARDOUS DECOMPOSITION PRODUCTS: NONE			