

<b>PRODUCT IDENTIFIER: QUANTUM</b>			
<b>SECTION 6 - TOXICOLOGICAL PROPERTIES</b>			
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
<b>SECTION 7 - PREVENTIVE MEASURES</b>			
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			
SPECIAL SHIPPING INFORMATION:			TDG. UN NUMBER
NORMAL PROCEDURES; KEEP FROM FREEZING.			NOT REGULATED BY TDG
<b>SECTION 8 - FIRST AID MEASURES</b>			
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.			
<b>SECTION 9 - PREPARATION DATE OF MSDS</b>			
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:	<b>QUANTUM</b>			
PRODUCT USE:	FLOOR FINISH			
MANUFACTURER'S NAME:	ULTRA CHEM INDUSTRIES LTD.	SUPPLIERS NAME:		
STREET ADDRESS:	#1-7107 VENTURE STREET		STREET ADDRESS	
CITY:	DELTA	PROVINC E/STATE:	B.C.	CITY: PROVINCE:
POSTAL CODE:	V4G 1H7	EMERGENCY TELEPHONE:	1-800-535-5053	POSTAL CODE: 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; MILK WHITE SOLUTION		THRESHOLD ODOUR (ppm):	N/AV	
VAPOUR PRESSURE: (mm Hg)	17 mmHg	VAPOUR DENSITY: (Air = 1)	<1	EVAPORATION RATE: (WATER=1):	>1	BOILING POINT: > 100°C	FREEZING POINT: < 0°C
pH:	8.5±0.5	SPECIFIC GRAVITY: (Water = 1)	1.035	COEFFICIENT OF WATER/OIL DISTRIBUTION:	100% WATER SOLUBLE		

## 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			