

# MATERIAL SAFETY DATA SHEET


## SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Hazardous Ingredients (specific) <b>QUANTUM X</b>		WHMIS Classification: <b>MINIMAL</b>	
Product Use: <b>Floor Finish</b>			
Manufacturer's Name: <b>ULTRA CHEM INDUSTRIES LTD</b>		Supplies Name	
Street Address: <b>Unit 1 7107 Venture Street</b>		Street Address	
City: <b>DELTA</b>	Province:/ State <b>B.C.</b>	City	Province
Postal Code: <b>V4G 1H7</b>	Emergency Telephone: <b>1-800-535-5053</b>	Postal Code	Emergency Telephone
Date MSDS Prepared: <b>JANUARY 2008</b>	MSDS Prepared by: <b>ULTRA CHEM INDUSTRIES LTD</b>		Phone Number: <b>1-604-946-8357</b>

## SECTION 2 - COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Ingredients (specific)	%	CAS Number	LD <sub>50</sub> of Ingredient (specify species and route)	LC <sub>50</sub> of Ingredient (specify species)
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

## SECTION 3 - HAZARDS IDENTIFICATION

Route of Entry <input checked="" type="checkbox"/> Skin Contact <input type="checkbox"/> Skin Absorption <input type="checkbox"/> Eye Contact <input type="checkbox"/> inhalation <input type="checkbox"/> Ingestion
[Emergency Overview]
[WHMIS Symbols] 
[Potential Health Effects] prolonged or repeated exposure can cause skin drying.

## SECTION 4 - FIRST AID MEASURES

Skin Contact Wash with soap and water. If irritation persists seek medical attention
Eye Contact Flush with copious amounts of potable water. Seek medical attention immediately.
Inhalation
Ingestion Drink 3-4 glasses of MILK or WATE. NO NOT INDUCE vomiting. Seek Medical Attention

**SECTION 5 - FIRE FIGHTING MEASURES**

Flammable <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No		If yes, under which conditions?	
Means of Extinction As for surrounding Fire. Normal Fire - Fighting Procedures			
Flashpoint (°C) and Method None	Upper Flammable Limit (% by volume) N/AP	Lower Flammable Limit (% by volume) N/AP	
Autoignition Temperature (°C) None	Explosion Data - Sensivity to Impact NO	Explosion Data - Sensivity to Static Discharge NO	
Hazardous Combustion Products Oxides of Carbon			
[NFPA] NONE			

**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

Leak and Spill Procedures Large spill: dike with absorbent, collect in drum, then dispose. Rinse with water and let dry.
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**SECTION 7 - HANDLING AND STORAGE**

Handling Procedures and Equipment Normal handling procedures, avoid skin and eye contact.
Storage Requirements Store in well ventilated area. Recommended temperature 15°C

**SECTION 8 - EXPOSURE CONTROL / PERSONAL PRETECTION**

Exposure Limits <input checked="" type="checkbox"/> N/AV <input type="checkbox"/> ACGIH TLV <input type="checkbox"/> OSHA PEL <input type="checkbox"/> Other ( <i>specify</i> )
Specific Engineering Controls (such as ventilation enclosed process) Normal ventilation
Personal Protective Equipment <input checked="" type="checkbox"/> Gloves <input checked="" type="checkbox"/> Respirator <input checked="" type="checkbox"/> Eye <input checked="" type="checkbox"/> Footwear <input type="checkbox"/> Clothing <input type="checkbox"/> Other
If checked, please specify type Neoprene Minimum - NIOSH Approved, organic vapour cartridges for overexposures Chemical splash goggles. Impervious

### SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State <b>Emulsion</b>	Odour and Appearance <b>Mild Odor; Milk White Solution</b>	Odour Threshold (ppm) <b>N/AV</b>
Specific Gravity <b>1.035</b>	Vapour Density (air = 1) <b>&lt; 1</b>	Vapour Pressure (mmHg) <b>17 mmHg</b>
Evaporation Rate <b>&gt; 1</b>	Boiling Point (°C) <b>&gt;100°C</b>	Freezing Point (°C) <b>&lt;0°C</b>
pH <b>8.5 ± 0.5</b>	Coefficient of Water / Oil Distribution <b>100% water soluble</b>	[Solubility in Water] <b>100%</b>

### SECTION 10 - STABILITY AND REACTIVITY

Chemical Stability <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If no, under which conditions?
Incompatibility with Other Substances <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes, which ones? <b>Strong oxidizing agents</b>
Reactivity, and under what conditions? <b>None</b>	
Hazardous Decomposition Products <b>None</b>	

### SECTION 11 - TOXICOLOGICAL INFORMATION

Effects of Acute Exposure <b>Inhalation, eye, skin contact may cause irritation</b>	
Effects of Chronic Exposure <b>Prolonged or repeated exposue may cause skin drying.</b>	
Irritancy of Product <b>contact with eyes / skin</b>	
Skin Sensitization <b>N/AV</b>	Respiratory Sensitization
Carcinogenicity -IARC <b>No</b>	Carcinogenicity - ACGIH <b>No</b>
Reproductive Toxicity <b>N/A</b>	Teratogenicity <b>N/A</b>
Embryotoxicity	Mutagenicity <b>N/A</b>
Name of Synergistic Products / Effects <b>N/A</b>	

**SECTION 12 - ECOLOGICAL INFORMATION**

Aquatic Toxicity Molibity= N/A Persistence= N/A Bioaccumulative = N/A

Aquatic Toxicity: Low potential affect on Aquatic organism and secondary waste treatment microbial respiration. When diluted with a large amount of water, this material is released directly or indirectly into the environmnet is not expected a THOD (G Oxygen G)= -1.9 COD (G Oxygen (G) = 1.9 BOD5 (G Oxygen (ML) = 0.14

Acute Aquatic effects Data: 24 hrs LC<sub>50</sub> (Goldfish) mg/L 75,000 mg/L  
96 hrs LC<sub>50</sub> (Blue Gill Sunfish) mg/L 710,000 mg/L

**SECTION 13 - DISPOSAL CONSIDERATIONS**

Waste Disposal

According to local, provincial and federal government requirements

**SECTION 14 - TRANSPORT INFORMATION**

Special Shipping Information:

Normal procedures. Keep from freezing.

PIN

TDG: N/AP

[DOT]

[IMO]

[ICAO]

**SECTION 15 - REGULATORY INFORMATION**

[WHMIS Classification] Class D Div 2 Materials Causing Other Toxic Effects



[OSHA]

[SERA]

[TSCA]

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by CPR

**SECTION 16 - OTHER INFORMATION**

Notice to Reader:

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.