

MATERIAL SAFETY DATA SHEET

QCM TEXTILE INKS

FILE NO.: QCMINK16

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: OCM Phthalate-Free Plastisol Screen Printing Inks
PRODUCT CODES: AP, ATP, GL, LF, LFP, MF, MTL, PER, PTC, QMX, QS, TSP, XOLB, UK, WOW

MANUFACTURER: QCM Company, Inc.
ADDRESS: 10021 Rodney Street
Pineville, NC 28134



PHONE: 704-553-0046
IN CASE OF EMERGENCY CONTACT: 704-553-0046

Chemical Name: PVC Plastisol, Non-Phthalate
Chemical family: Polyvinyl Chloride Dispersion

PREPARED BY: Kimberly C. Leitch
DATE REVISED: 5/30/2013
SUPERSEDES: 4/18/2013

HMIS® III

Health:	1
Flammability:	1
Reactivity:	0
Personal Protection:	B

SECTION 2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Low hazard for normal industrial use.

ROUTES OF ENTRY: Eye, Skin, Inhalation (during processing)

EYE CONTACT: May irritate and burn

SKIN CONTACT: Minor skin irritation may occur

INGESTION: May cause nausea, diarrhea, and gastrointestinal disturbances.

INHALATION: Not a problem at room temperature, but fumes formed at elevated temperatures may cause respiratory irritation, breathing difficulties, dizziness, or light-headedness.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>CAS NO.</u>	<u>% WT</u>	<u>% VOL</u>	<u>SARA 313 REPORTABLE</u>
No hazardous components as defined by OSHA 29 CFR 1910.1200.			
	<u>ppm</u>	<u>mg/m³</u>	
OSHA PEL:	Not established		
ACGIH TLV:	Not established		

SECTION 4. FIRST AID MEASURES

EYES: Flush with water for 15 minutes. If irritation develops, get medical attention.

SKIN: Wash with soap and water.

SECTION 4. FIRST AID MEASURES

INHALATION: Remove to fresh air for relief. If breathing difficulties develop or persist, get medical attention.

INGESTION: None necessary for small quantities.

SECTION 5. FIRE FIGHTING MEASURES

FLASH POINT (° F): >200° F (COC)

OSHA FLAMMABILITY CLASSIFICATION: None

EXTINGUISHING MEDIA: Foam, CO₂, Dry Chemical, or water mist.

SPECIAL FIRE FIGHTING PROCEDURES: Wear self contained breathing apparatus.

EXPLOSION LIMITS IN AIR - LOWER (%): Not Determined **UPPER (%):** Not Determined

AUTO IGNITION TEMP (° F): Not Determined

UNUSUAL FIRE AND EXPLOSION HAZARDS: None Known

SECTION 6. ACCIDENTAL RELEASE MEASURES

ACTION TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Dike to contain spill. Recover free product. Collect remaining product with absorbent materials.

SECTION 7. HANDLING AND STORAGE

HANDLING: Wash thoroughly after handling.

STORAGE: Do not store near heat or flame.
Do not store near phthalate containing products to avoid contamination.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Use with adequate ventilation.

RESPIRATORY PROTECTION EQUIPMENT: Not necessary at room temperature.

PROTECTIVE GLOVES: Recommended

EYE AND FACE PROTECTION: Safety glasses recommended.

OTHER PROTECTIVE EQUIPMENT: None required

VENTILATION: Local exhaust as needed near processing equipment.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Range/Point:	Solidifies before boiling.
Vapor Pressure:	Unknown
Vapor Density (AIR=1):	>1
Freezing Point:	Unknown
Melting Point:	Unknown
Physical State:	Thick Liquid
Color:	All colors
% Volatile by Volume:	<1%
VOC (g/l):	<40g/l
Evaporation Rate (Butyl Acetate=1):	Unknown
Specific Gravity @ 25° C:	Dependant on product
Weight per gallon:	Dependant on product

SECTION 10. STABILITY AND REACTIVITY

STABILITY:	Material is stable
HAZARDOUS POLYMERIZATION:	Will not occur.
HAZARDOUS THERMAL DECOMPOSITION/COMBUSTION PRODUCTS:	CO, CO ₂ , HCl
INCOMPATIBILITY (MATERIALS TO AVOID):	None
CONDITIONS TO AVOID:	Storage temperatures above 95° F.

SECTION 11. TOXICOLOGICAL INFORMATION

CARCINOGENICITY:	These products are not listed as carcinogens by NTP, IARC, EPA, or OSHA. These products are not listed as reproductive or developmental toxins by EPA.
ACUTE ORAL LD50:	Not available
ACUTE DERMAL LD50:	Not available
ACUTE INHALATION LC50:	Not available

SECTION 12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION:	Unknown
CHEMICAL FATE INFORMATION:	Unknown

SECTION 13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD:	Disposed material is not a listed RCRA Hazardous waste. Dispose of materials in accordance with the applicable Local, State, and Federal regulations.
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SECTION 14. TRANSPORT INFORMATION

DOT SHIPPING NAME: Not regulated
DOT HAZARD CLASS: None
UN/NA NUMBER: None
DOT PACKING GROUP: None
AIR FREIGHT TRANSPORTATION: Not regulated
OCEAN TRANSPORTATION: Not regulated

SECTION 15. REGULATORY INFORMATION

TSCA STATUS: All components of these products are on the US TSCA Inventory.

CALIFORNIA PROPOSITION 65: These products do not contain chemicals known to the state of California to cause cancer or birth defects except as follows:
MTL220 contains: 1-methyl-2-pyrrolidone CAS # 872-50-4

SARA 302 EXTREMELY HAZARDOUS SUBSTANCES LIST: None

SARA (311,312) HAZARD CLASS: None

SARA SECTION 313 TOXIC CHEMICALS:
ATP-401, WOW-4010, WOW-4102, WOW-4103, and XOLB-401 contain
<7% Barium Compound (<1.75% as Ba)

AUSTRALIAN INVENTORY CHEMICAL SUBSTANCES: Unknown at this time.

CANADIAN INVENTORY: None

EINECS REGULATIONS: Unknown at this time

JAPAN: Unknown at this time

KOREAN CHEMICAL INVENTORY: Unknown at this time

SECTION 16. OTHER INFORMATION

OTHER INFORMATION: OSHA Standard 29 CFR 1910.1200 requires that information be provided to employees regarding the hazards of chemicals by means of hazard communication program including labeling, material safety data sheets, training and access to written records. We request that you, and it is your legal duty to, make all information in this Material Safety Data Sheet available to all your employees.

PREPARATION INFORMATION: This product safety sheet was prepared in compliance with article 31 and Annex II of the EU REACH Regulation as well as its relevant amendments, on the approximation of laws, regulations and administrative provisions relative to the classification, packaging and labeling of dangerous substances and preparations.

SECTION 16. OTHER INFORMATION

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