

# MATERIAL SAFETY DATA SHEET

## SHEETFED OFFSET INKS

CLASSIFIED AS NOT HAZARDOUS

Issue date: May 2020

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### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

COMEX GRAPHICS

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**Product Name:** SHEETFED OFFSET PRINTING INKS & VARNISHES

**Synonyms:** None

**Manufacturer's Product Code(s):** Quadrex Process Series

**Use:** Printing Ink

**UN Number:** No UN number allocated

**Proper Shipping Name:** Not applicable

**Dangerous Goods Class:** None allocated

**Subsidiary Risk:** Not applicable

**Poison Schedule:** Not applicable

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

Substance Name	%	CAS Number
Pigment Red C.I. PR 57:1	12	5281-04-9
Pigment Yellow C.I. PY 13	12	5102-33-0
Pigment Blue C.I. PB15:3	12	147-14-8
Carbon Black Pigment	12	Proprietary
Specialty Pigments	12	Various
Aliphatic Petroleum Distillates	10-30	64771-72-8
Petroleum Resin	5-15	Proprietary
Phenolic Resin	5-20	Proprietary
Linseed Oil	1-10	67700-51-0
Waxes	1-10	Various

### 3. HAZARD IDENTIFICATION

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**Hazard Category:** Not Harmful

**Flammability:** Not flammable under conditions of use.

**Health Effects**

**Swallowed:**

Harmful if swallowed.

Vomiting, may cause this product to be aspirated into the lungs, which may lead to chemical pneumonitis.

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**Inhaled:**

Mists from the product may cause irritation to the nose, throat and respiratory system.

**Eye:**

May cause irritation to the eyes.

**Skin:**

May cause irritation to the skin and sensitization.

#### 4. FIRST AID MEASURES

**Swallowed:**

If swallowed, DO NOT induce vomiting. Drink plenty of water and seek medical attention at once.

**Inhaled:**

Remove victim to fresh air. Do not use mouth-to-mouth method if victim inhaled the substance; induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Administer oxygen if breathing is difficult.

**Eye:**

If splashed into eyes, flush with plenty of water for at least 15 minutes ensuring eye lids are held open. Transport immediately to hospital or doctor.

**Skin:**

If splashed onto skin, remove any contaminated clothing and wash skin thoroughly with water and soap.

**First Aid Facilities:**

Eye wash fountain, safety shower and normal washroom facilities.

#### 5. FIRE FIGHTING MEASURES

**Extinguishing Media:**

Foam, CO<sub>2</sub> blanket, dry powder and water spray.

**Special Fire Fighting Procedure:**

Use water spray to cool closed containers to prevent pressure build-up when exposed to extreme heat.

**Protective equipment:**

Fire extinguisher readily available and personnel trained to its proper use.

Wear self contained breathing apparatus.

**Fire/Explosion Hazard:**

Not considered an explosion or fire hazard. Dense smoke may be generated when burning.

#### 6. ACCIDENTAL RELEASE MEASURES

**Emergency Action:** Keep unnecessary people away, isolate hazard area and do not walk or touch spilt material unless wearing personal protection as outlined in this MSDS.

**Spill Removal:** Wipe-up. Dispose of wipers in containers approved for oily wastes.

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**Waste Disposal:** Dispose of in accordance with local, state and federal/country regulations.

### 7. HANDLING AND STORAGE

Store in a cool dry place out of direct sunlight in ventilated area and away from excessive moisture.

Avoid contact with strong acids, alkalis and oxidizing agents.

No special measures are necessary for transport, however, comply with governmental regulations.

As a general practice, do not eat, smoke or drink during use.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure standards:** No exposure standards are available for this product.

#### **Personal Protection equipment:**

Wear proper clothing and gloves; eye protection is required. Respiratory protection is not needed where general and local exhaust ventilation is used. If ventilation is impaired, the use of a half-face respirator with acid vapor cartridge is recommended.

**Clothing:** PVC, Nitrile, Neoprene, Natural rubber or any other type recommended by the manufacturer.

**Gloves:** PVC, Nitrile, Neoprene, Natural rubber or any other type recommended by the manufacturer.

**Eyes:** Chemical goggles or faceshield.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance** : Colored paste with oily odor.

**Boiling/Melting Point** : 150-160 °C (302-320 °F)

**Vapor Pressure** : Not applicable.

**Specific Gravity** : 0.9-1.1 @ 20°C (68°F)

**Flash Point** : >100°C (212°F)

**Flammability Limits** : Not Flammable

**Solubility in Water** : Insoluble

**Other properties** : None significant

### 10. STABILITY AND REACTIVITY

**Stability:** Stable under recommended storage and handling conditions.

**Hazardous Polymerization:** Will not occur.

**Hazardous Decomposition Products:** Emits choking and toxic fumes when heated to decomposition.

**Conditions to avoid:** Heat, flames, ignition sources and incompatibles.

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### 11. TOXICOLOGICAL INFORMATION

There is no toxicological information available for this product.

### 12. ECOLOGICAL INFORMATION

There are no reported ecological effects for this material.

### 13. DISPOSAL CONSIDERATIONS

Waste disposal of material and container should be in accordance with local, state and federal/country regulations. However, the use of an ink recovery system is strongly recommended.

### 14. TRANSPORTATION INFORMATION

**UN Number:** No UN number allocated

**Proper Shipping Name:** No special storage or shipping requirements

**Dangerous Goods Class:** Not applicable

**Subsidiary Risk:** Not applicable

**CLASSIFIED AS NOT HAZARDOUS** according to national and international transport regulations.

### 15. REGULATORY INFORMATION

**Poison Schedule:** Not applicable

### 16. OTHER INFORMATION

No further information

**Disclaimer:**

This information only concerns the above mentioned products and does not need to be valid if used with other product(s) or in any process.

The information given is to our best knowledge correct and complete and is given in good faith but without warranty. Since methods and conditions are beyond our control we do not accept liability for any damages resulting from the use of, or reliance on, this information in inappropriate contexts.