

## MATERIAL SAFETY DATA SHEET

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURE'S NAME AND ADDRESS : **Brancher Printing Ink Company Ltd.**  
Add : Parc d'Activites du Saule  
28170 Tremblay les villages - FRANCE

Telephone: +33 2 3738 9125  
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SDS No. : SA181RZ  
PRODUCT NAME : UV 181-RZ OFFSET PRINTING INK

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT USE : OFFSET PRINTING INK

INGREDIENTS	%	CAS No
ACRYLIC ESTER OLIGOMER	30-40	94108-97-1
PHOTO INITIATOR	5-10	71868-10-5
PIGMENT	15-40	VARIOUS
ADDITIVE	0-5	VARIOUS

### 3. HAZARDS IDENTIFICATION

NO HAZARDS SUBSTANCE OR HAZARDOUS MIXTURE

INHALATION : No information available.

SKIN CONTACT : May cause skin irritation. Symptoms of irritation may include localized rash and swelling.

EYE CONTACT : May cause minor eye irritation. Symptoms of irritation may include excessive tearing, redness and blinking.

INGESTION : May cause cataracts, nerve damage and paralysis.

### 4. FIRST AID MEASURES

EYE : If this product comes in contact with the eye wash out immediately with fresh running water. If pain persists or recurs seek medical attention.

SKIN : If skin contact occurs flush skin and hair with running water( and soap if available). Seek medical attention in event of irritation.

INHALED : If fumes or combustion products are inhaled remove from contaminated area.

SWALLOWED : If swallowed do not induce vomiting  
Give water to rinse out mouth ,then provide liquid slowly and as much as casualty can comfortably drink. Seek medical advice.

### 5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA : FOAM. Dry chemical powder. Carbon dioxide.

FIRE FIGHTING : Use water delivered as a fine spray to control fire and cool adjacent area.

FIRE INCOMPATIBILITY : Avoid contamination with strong oxidizing agents as ignition may result.

## 6. ACCIDENTAL RELEASE MEASURES

**SPILLS** : Clean up all spills immediately.  
Avoid contact with skin and eyes. Place in suitable containers for disposal.  
Clear area of personnel and move upwind. Stop leak if safe to do so.  
Collect residues and seal in labeled drums for disposal.

## 7. HANDLING AND STORAGE

**PROCEDURE FOR HANDLING** : Avoid breathing vapors and contact with skin and eyes.  
: Avoid reaction with oxidizing agents. Avoid sources of heat.  
Wear personal protective equipment when handling.  
Wash hands with soap and water after handling.

**STORAGE REQUIREMENTS** : Store in a cool place lower than 25oC. Avoid Sun light.

## 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

**EXPOSURE CONTROLS** : No data available for this product.

**EMERGENCY** : Calcium Carbonate ACGIH 2010 (TWA) 10mg/m3

**EXPOSURE LIMITS**

**PERSONAL PROTECTION** : EYE Safety glasses with side shields; or as required.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE** : Slight acrylic odor/Pale yellow transparent liquid

**SPECIFIC GRAVITY** : 1.10~1.20 (25oC)

**FLASH POINT** : Non

**SOLUBILITY IN WATER** : Does not mix with water

**VOC PERCENT RANGE** : 0%

## 10. CHEMICAL STABILITY AND REACTIVITY INFORMATION

**CONDITIONS CONTRIBUTING TO INSTABILITY**  
: Presence of incompatible materials. Hazardous polymerization will not occur.

## 11. TOXICITY INFORMATION

**ACUTE TOXICITY** : No data

**IRRITATION** : No data

## 12. ECOLOGICAL INFORMATION

This product has not been evaluated, but there is no evidence to suggest it will cause any significant.

## 13. DISPOSAL CONSIDERATIONS

**WASTE TREATMENT METHODS** : It can be disposed of together with household waste in compliance with local regulations. Collect the product dry. Do not dispose of into drains

## 14. TRANSPORTATION INFORMATION

**UN No/Class** : None

**ICAO/IATA(AIR)** : Not Regulated

**IMO/IMDG(OCEAN)** : Not Regulated

: Not dangerous according to the above specifications.

#### **15. REGULATORY INFORMATION**

**SARA TITLE III SECTION 313:**

This material does not contain chemicals subject to the reporting requirements of the SARA Super fund Amendments and Reauthorization Act.

**SARA SECTION 302 - EXTREMELY HAZARDOUS (EHS):**

This products does not contain any components regulated under section 302 (40 CFR 355) as EHS.

**TSCA SECTION 8(b) INVENTORY STATUS:**

All component(s) of this product are either exempt or listed on the TSCA Inventory.

**TSCA 12(b) EXPORT NOTIFICATION:**

This product does not contain any component(s) that are subject to a section 12(b) export notification.

#### **16. OTHER INFORMATION**

This Safety Data Sheet is provides to put the Buyer on notice of various properties of the material being sold including safety hazards to property and human health. SAGAWA disclaim any responsibility for the use of the buyer. Buyer assumes all risk and liability for the use of the material. In addition, Buye is solely responsible to keep itself continually informed with respect to any hazards associated with the material toproperty or persons. Buyer also assumes full responsibility to advise its customers, employees, independent contractors, end uses and others who handle ande use the material of all suspected or proven hazards relating to the material.

**Certified with oath.**



**Magali RICHARD**  
R&D Director