

# **SAFETY DATA SHEET**

## *Small Offset Inks*

### **1. IDENTIFICATION OF THE PREPARATION AND THE COMPANY:**

**Product Name:** Small Offset Ink range - Master Kolor, Master Kote, Ultima.  
**Applications:** Printing Ink. For professional use only.  
**Supplier:** Manders Coatings and Inks Ireland Ltd.,  
 Dunsinea Works, Ashtown, Dublin 15.  
**Emergency Telephone:** (01) 8387300

### **2. COMPOSITION/INFORMATION ON INGREDIENTS:**

<b>Ingredient Name</b>	<b>CAS No.</b>	<b>Contents</b>	<b>Health (Class)</b>	<b>Risk (R No.)</b>
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Ink contains water insoluble pigments, synthetic resins, high boiling point petroleum distillates, wax compounds, antioxidants.

### **3. HAZARDS IDENTIFICATION:**

Non Hazardous.

### **4. FIRST AID MEASURES:**

**General :** In all cases of doubt, or wether symptoms persist, seek medical attention. Never give anything by mouth to an unconcious person. Place unconcious person in Recovery Position.

**Eye Contact:** Contact lenses should be removed. Irrigate copiously holding the eyelids open with clean, fresh water for 10 minutes.

**Skin Contact:** Remove contaminated clothing. Wash skin thoroughly with soap and water. Do not use solvents or thinners.

**Inhalation:** Remove to fresh air, keep patient warm and at rest. If breathing stops administer artificial respiration. If unconcious place in recovery position and seek medical advice.

**Ingestion:** If accidentally swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

### **5. FIRE FIGHTING MEASURES:**

**Suitable Extinguishing Media:** Alcohol Resistant Foam, CO<sub>2</sub>, Powder, Water spray/mist.

Fire may produce dense black smoke containing hazardous products of combustion ( see Section 10 ).Exposure to decomposition products may be a hazard to health. Appropriate self-contained breathing apparatus may be required. Cool closed containers exposed to fire with water spray. Do not allow run-off from fire fighting to enter drains or water courses.

## **6. ACCIDENTAL RELEASE MEASURES:**

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Avoid breathing vapours. Refer to protective measures listed in sections 7 and 8. Contain and collect spillages with non-combustible absorbent materials, eg: sand, earth, vermiculite, diatomaceous earth and place in a suitable container for disposal in accordance with the waste regulations ( see section 13 ). Do not allow to enter drains or water courses.

Clean preferably with a detergent, avoid the use of solvents.

If the product enters drains or sewers immediately contact the local water authority, in the case of contamination of streams, rivers or lakes, contact the relevant environment agency.

## **7. HANDLING AND STORAGE:**

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### **Handling**

Keep the container tightly closed. Exclude sources of heat, sparks or open flames. Avoid skin and eye contact. Avoid inhalation of vapour (and spray mist ). Smoking, eating and drinking should be prohibited in areas of storage and use. For occupational exposure controls see section 8. Never use pressure to empty; the container is not a pressure vessel. Always keep in containers amde of the same material as the supply container. The manual handling operations regulations may apply to the handling of containers of this product. Refer to the guide weight indicated on the container when carrying out assesments.

### **Storage**

Observe the label precautions. Store between 5 and 25 degreesC in a dry, well ventilated place away from sources of heat, ignition and direct sunlight. No smoking. Prevent unauthorised access. Containers which are opened should be properly resealed and kept upright to prevent leakage. Store separately from oxidising agents and strong alkaline and acidic materials.

## **8. EXPOSURE CONTROLS/ PERSONAL PROTECTION:**

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### **Exposure controls**

Provide adequate ventilation. Where reasonable practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

If these are not sufficient to maintain concentrations of particulates and/or solvent vapours below the relevant occupational exposure limit values, suitable respiratory equipment should be worn. ( See 'Occupational Exposure Limits' below )

### **Exposure Limit Values**

<b>Substance</b>	<b>TWA (1)</b>	<b>STEL (2)</b>
Respirable particulates	5 (OEL)	
Total inhalable particulates	10 (OEL)	

- (1) Long term exposure limit - 8 hour time weighted average
- (2) OELs are taken from the current version of EH40

If exposure to hazardous substances identified above cannot be controlled by the provision of local exhaust ventilation and good general extraction, suitable respiratory protective equipment must be worn.

#### **Hand protection**

When skin exposure may occur, advice should be sought from glove suppliers on appropriate types and usage times for this product. The instructions and information provided by the glove supplier on use, storage, maintenance and replacement must be followed.

#### **Eye protection**

Eye protection designed to protect against liquid splashes should be worn.

#### **Skin protection**

Cotton or cotton/synthetic overalls or coveralls are normally suitable. Grossly contaminated clothing should be removed and the skin washed with soap and water or a proprietary skin cleaner. Regular skin inspection of users of this product is recommended.

ALWAYS WASH YOUR HANDS BEFORE EATING, SMOKING OR USING THE TOILET

#### **Environmental exposure control**

See section 12 for detailed information

### **9. PHYSICAL AND CHEMICAL PROPERTIES:**

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<b>Appearance:</b>	Mobile, paste or liquid.
<b>Odour:</b>	Characteristic.
<b>Solubility Description:</b>	Insoluble or partially miscible with water.
<b>Specific Gravity:</b>	0.8 to 1.2 @ 20 C
<b>Boiling Point:</b>	>270 C
<b>Viscosity:</b>	15 - 70 poise.

### **10. STABILITY AND REACTIVITY:**

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Stable under the recommended storage conditions (see section 7). In a fire, hazardous decomposition products such as smoke, carbon monoxide, carbon dioxide and oxides of nitrogen may be produced. Keep away from oxidizing agents and strong alkaline and acidic materials to prevent the possibility of exothermic reaction.

### **11. TOXICOLOGICAL INFORMATION:**

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There is no data available on the product itself.

### **12. ECOLOGICAL INFORMATION:**

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There is no data available on the product itself.

The product should not be allowed enter drains or water courses or be deposited where it can affect ground or surface waters.

The air pollution control requirements of regulations made under the Environmental Protection Act may apply to the use of this product.

**13. DISPOSAL CONSIDERATIONS:**

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Do not allow to enter drains or water courses or dispose where ground or surface waters may be affected. Wastes, including emptied containers are controlled wastes and should be disposed of in accordance with statutory regulations.

**14. TRANSPORT INFORMATION:**

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This product is not classified as dangerous for transport.

**15. REGULATORY INFORMATION:**

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This product is determined as not being dangerous according to the CHIP Regulations.

The information contained in this data sheet does not constitute the users own assessment of workplace risks as required by other health and safety legislation. The provisions of the Health and Safety at Work Act and the Control of Substances Hazardous to Health Regulations apply to the use of this product at work.

**16. OTHER INFORMATION:**

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Text of the R phrases listed in section 2

R Phrase (non applicable)

The information contained in this safety data sheet is based on the present state of knowledge and the current national legislation. It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications. This product should not be used for purposes other than those shown in Section 1 without first referring to the supplier. As the specific conditions of use are outside the suppliers control the user is responsible for ensuring that the requirements of relevant legislation are complied with. If this material is redistributed details of its hazards and recommended methods of safe handling must be passed on to all users.

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