

# MATERIAL SAFETY DATA SHEET

## 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION, REVISION NUMBER AND DATE

Product Name : **Oil based ink - BLACK**  
Product Code : **TU-X-O-002B-0,5L**  
Revision No : F  
Date : 01/12

## 2. COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

<u>Chemical Name</u>	<u>%</u>	<u>CAS Number</u>	<u>EEC No</u>	<u>Hazard Symbol</u>	<u>Risk Phrases</u>
Petroleum Distillates	70 - 90	34451-19-9	265-148-2	St Andrews Cross	R38, 41
Dispersing Agent	< 5	-	-	St Andrews Cross	R36/38, 43

R36/38 = Irritating to the eyes and skin; R41 = May cause damage to eyes  
The remaining ingredients, including the dye, do not present a health hazard within the meaning of the EC/ CHIP regulations.

## 3. HAZARDOUS IDENTIFICATION

Classification (CHIP) : Harmful and Irritant

Main Health Hazards : May cause lung damage if swallowed.  
Not expected to present any hazards to health under normal conditions of expected use.

## 4. FIRST AID

Inhalation : Remove casualty to fresh air.

Skin Contact : Wash from skin using soap and water.

Eye Contact : Flush thoroughly with water. If soreness or redness persists, seek medical attention.

Ingestion : DO NOT induce vomiting; keep at rest. Seek prompt medical attention.

## 5. FIRE FIGHTING MEASURES

Flammability : Product is not classed as flammable.

Combustion products : Oxides of Carbon.

Extinguishing media : In the event of a fire use CO<sub>2</sub>, Foam, Dry Powder, or Vapourising Liquid.

Do not use :

## 6. ACCIDENTAL RELEASE MEASURE

Mop or soak up spillage's in absorbent material. Dispose of in accordance with Local Authority Regulations.

## 7. HANDLING AND STORAGE

Handling : Avoid prolonged skin contact. Wear gloves and safety glasses if splashing is likely.

Fire Prevention : Avoid heat and sources of ignition

Storage : Normal cool warehouse conditions. Keep in closed container.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory protection : Keep work area well ventilated.

Eye and Skin protection : Wear safety glasses and gloves if splashing is likely.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION (Continued)

#### OCCUPATIONAL EXPOSURE LIMITS :

Substance listed in EH40/--	Long term (8 Hrs)		Short term (10 min)	
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Iso Alkanes ( C13-16)		1000		
Petroleum Distillates (Middle)		1000		

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Dispersing Agent

5 (Oil Mist)

10 (Oil Mist)

### 9. PHYSICAL AND CHEMICAL PROPERTIES (n.d.a = No data available)

Form : Coloured liquid

Flashpoint : n/a

Vapour Pressure : ~0.01 mm Hg @ 20°C

Solubility in Water : Partially miscible in water

Autoignition Point : > 200 °C

pH : n/a

Melting Point : n.d.a

Vapour Density : > 1.0 (Air = 1)

Density : Approx. 1.0

Explosive Limits: Lower - n.d.a.

Boiling Point: n.d.a.

### 10. STABILITY AND REACTIVITY

Chemical reactivity : Stable under normal conditions

Decomposition products : Carbon Oxides

Materials / conditions to avoid : None

### 11. TOXICOLOGICAL INFORMATION

LD<sub>50</sub> : Acute / oral / rat: > 5000mg/kg

### 12. ECOLOGICAL INFORMATION

Iso Alkanes ( C13-16): Biodegrades slowly; No acute toxicity to aquatic organisms expected.

Petroleum Distillates (Middle): Readily biodegradable; No acute toxicity to aquatic organisms expected.

Dispersing Agent: No data available.

### 13. DISPOSAL CONSIDERATIONS

Consult Local Authority for regulations regarding waste disposal

### 14. TRANSPORT REGULATIONS

Proper shipping name : Not applicable

UN Number : Not applicable

IMDG code : Not applicable

ICAO/IATA class : Not applicable

Marine pollutant :

Packing group : Not applicable

IMDG class : Not applicable

RID/ADR : Not applicable

Hazard warning sign : Not applicable

### 15. REGULATORY INFORMATION

CHIP labelling - Symbol :  
St.Andrews Cross

Hazard : Harmful & Irritant  
Risk Phrases: R43, 65, 66  
Safety Phrases: S24, 46

Contains : Iso Alkanes & Petroleum Distillates

Other suggested labelling : R43 = May cause sensitisation by skin contact; R65 = Harmful: may cause lung damage if swallowed; R66 = repeated exposure may cause skin dryness or cracking  
24 = Avoid contact with skin; S 46 = if swallowed, seek medical advice immediately and show container or label.

### 16. OTHER INFORMATION

This safety data sheet has been updated to comply with CHIP regulations. The information is based solely on the data provided by the suppliers of the materials used and/or recognised technical sources, not on the mixture itself and is believed to be correct as of this date. No warranty is expressed or implied regarding the accuracy of the data.