

MATERIAL SAFETY DATA SHEET

According 91/155/EEC

Product Name : **Intaglio Printmaker - Cobalt Driers**

Revision Date : 16 June 2008

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5. FIRE FIGHTING MEASURES

Extinguishing Media : Dry chemical, carbon dioxide (CO₂), foam
Flash point : > 61° C.(ASTM D-93) Flammable limits: inferior 1,1% high 6,5%
Special risks of blaze : Not known.

6. ACCIDENTAL RELEASE MEASURES

Remove sources of ignition. Cover with inert, absorbent material and remove to disposal container.
Observe all applicable Federal, State and Local laws.
Do not contaminate any lakes, streams, ponds or underground water supply.

7. HANDLING AND STORAGE

General precautions:
Keep containers closed. Protect against physical damage. Avoid contact with skin, eyes and clothing. avoid breathing vapours. Used adequate ventilation.

Breathing protection : Use of masks.
Eyes protection : Use of closed glasses or protection screen.
Skin protection : Use of impermeable gloves.

Always use containers resistant to hydrocarbons. Non appropriate materials and coatings: natural and butylic rubber, polystyrene. The compatibility with plastic materials is variable; it's recommended test this compatibility before use.

Non-explosive electric installations. Always work with recipients connected to earth. Use all recommended measures for the manipulation of chemical products.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Threshold Limit Value : 100 ppm (mineral spirits)
Ventilation local exhaust : recommended
Respiratory protection :If exposure exceeds tlvs use appropriate niosh-approved respiratory protective equipment.
Protection gloves : Impermeable gloves to minimize skin contact
Eye protection : Chemical splash goggles or face shield.

9. PHYSICAL AND CHEMICAL PROPERTIES

Composition : Cobalt salts of organic acids.
Colour : Blue Violet
Metal content : 6% Co.
Solvent : Solvent hydrocarbon aliphatic.
Distillation range (solvent) : 180-240°C
Specific gravity at 25°C : 0,890 – 0.920
Solid matter : Max 40%
Vapour density : Greater than air
Evaporation rate : Slower than bu/ac.
Viscosity :50Cps. Max.
Miscibility (mineral spirit 1:10) :Ok
Cold Stability : Ok
Solid Matter :40% Max

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Flash Point :> 61°C

10. STABILITY AND REACTIVITY

Stability : Stable.
Incompatibility : Strong with energetic oxidants.
Hazardous decomposition : Burning may produce toxic fumes, dust or carbon monoxide.
Hazardous polymerisation : Does not exist.

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity LD₅₀ : Not available data (> 2000 mg/kg, estimated from similar products)
Acute inhalation toxicity study : not established
Contact effect : Skin irritant. Repeated contacts can cause dermatitis.

12. ECOLOGICAL INFORMATION

Avoiding its pouring on earth and especially in water flowing or conductions of any type.
Not miscible with water. Remove by decantation and cover with sand, etc.

13. DISPOSAL CONSIDERATIONS

Discharge, treatment , or removal may be subject to national, state, or local laws.

14. TRANSPORT INFORMATION

The product is not regulated by the regulations of transport.

15. REGULATORY INFORMATION

Classification , labelling and packing according to the CEE regulation:

CLASSIFICATION / SYMBOL: Xn (Harmful), R66; Xi (Irritant), R-38

Sentences R.- R-38 It irritates the skin.
R-43 In case of fire, use ... (*indicate in the space the precise type of fire-fighting equipment. If water increases the risk, add 'Never use water'.*)
R-65 Harmful: may cause lung damage if swallowed.
R-66 Repeated exposure may cause skin dryness or cracking.

Sentences S.- S-23 Do not breathe gas/fumes/vapour/spray (*appropriate wording to be specified by the manufacturer*).
S-24 Avoid contact with the skin.
S-28 In case of contact with the skin, flush immediately with plenty of water.
S-36/37 Use appropriate clothing and gloves
S-62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

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16. OTHER INFORMATION

Used Abbreviations : **n.a.** = *not applicable*
 n.d.a. = *no data available*

The information contained in this safety datasheet is provided in accordance with the requirements of the Chemicals (Hazard Information and Packaging) Regulations.

The product should not be used for purposes other than those shown in Section 1 without first referring to the supplier and obtaining written handling instructions. As the specific conditions of use of the product are outside the supplier's control, the user is responsible for ensuring that the requirements of relevant legislation are complied with.

The information contained in this safety data sheet is based on the present state of knowledge and 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 application

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