

Metal Etching Pen



Suitable for permanent etching identification references on
The following metal surfaces
Alloy and stainless steel
Iron
Copper
Gun metal
It will not mark aluminium surfaces

Instructions

The surface for marking should be clean and free from oil
For light marking make only a single pass with the pen
For darker marking make repeated passes with the pen to achieve the legibility required
Lightly wipe the surface following etching with light oil
If the etching agent is splashed on the skin, wash with soap and water

Material Safety Data

Contains etching ink NIGRIT "VA"
For durable inscription or marking of heavy metals

Hazardous material description and proper shipping name (IATA/RAR)
Etching Ink – Acids, liquid, n.o.s.

Hazard class: Corrosive material (IATA/RAR)
Chemical family: Acid – Formula: see section 2

Ingredients: The cartridge of the Metal Etching Pen, Code 52-730-005 contains the following
1.0ml etching ink maximum
The acid contained in the cartridge is composed of 50% hydrochloric acid (HCl), plus Salt of Copper, plus Selenious Acid (H₂SeO₃)
It is a mineral acid solution of salts and heavy metals plus Selenious acid

Physical Data:

Boiling Point: Starting at 100°C
Solubility in water: unlimited mixable
Appearance: liquid
pH: below zero

Fire and Explosion Hazard Data: N.A non flammable liquid

Health and Hazard Data:
Effects of over exposure: Toxic, corrosive – non absorbing
First Aid: Skin Irritations – Eye Irritations: consult a doctor

Spill Procedure: Wash with water