

B.I.G.

Date:
Revision of:
7. Handling and storage

Handling:

1. Wear protective clothing and equipment when handling the ink.
2. Avoid possible inhalation of vapours and/or ink mist when using on press.
3. Be sure of an adequate ventilation.
4. Do not smoke or eat, when using the product
5. Separate from possible sources of ignition.
6. Always keep used cleaning cloths with ink in a closed container. Selfignition by oxidation in certain circumstances could occur although the chance is very small.

Storage: Store fire safe the product in a cool, dry place. Keep the product in it's original packaging and tightly closed.

8. Exposure controls/personal protection

Exposure limit values: DNEL: ND
PNEC: ND

Measurements to control exposure

Additional Information:

1. Maintain general body hygiene. Take care of adequate (natural) ventilation.
2. Use appropriate equipment to handle the ink (e.g. pump, spatula)

Occupational exposure controls

Respiratory protection: No special attention, when adequate (natural) ventilation.
Hand protection:

1. Synthetic Handgloves.
2. Do not use non-fitting handgloves or latex handgloves.

3. Nitrilite® 93-401 made by **Ansell Occupational Healthcare** is tested acc. method EN374:3-2003 on use with Kerosene and Diesel fuel. These products can act as guidance.

Kerosene: Protection Index: 3
Diesel fuel: Protection Index: 6
See table in chapter 16.

Eyes Protection: Use of splash proof goggles is preferable.
Body Protection: Wear protective clothing

Environment exposure controls: See data provided in chapter 2, 3, 5, 7

9. Physical and chemical properties

			<u>Method</u>
	pH-Value	(20 °C)	neutral
	Viscosity	(20 °C)	200 - 1000 DPa.s
Appearance:	Paste	Boiling Point/Range	(°C) > 250
Colour:	Red or Black	Melting Point/Range	(°C) ND
Odour:	Mild	Flash Point	(°C) > 125
	Autoignition Temperature	(°C)	ND
	Explosion Limits in Air	Lower	ND Vol.%
		Upper	ND Vol%
	Vapour Pressure	(20 °C)	< 0.001 mbar
	Density	(20 °C)	900 - 1100 kg/m ³
	Solubility in Water	(20 °C)	not g/l

10. Stability and Reactivity

Circumstances to avoid: Do not smoke or eat, when using the product. Separate from possible sources of ignition.

Materials to avoid: None known.

Dangerous Reactions: None known.

Hazardous Decomposition

Products: Carbon oxides, metal and halogen components may be released on thermal decomposition.