



Impasse du Coquet. Z. I. du Coquet. 03260 Saint-Germain des Fossés.  
 Tél. : 33 (0)4 70 31 80 29. Fax : 33 (0) 4 70 31 93 38. E. Mail : [p.e.p@wanadoo.fr](mailto:p.e.p@wanadoo.fr)  
 (Siège Social et Usine - Head Office & Factory)  
 Anciennes Glacières de Vichy. 9, Allée Mesdames. 03200 Vichy  
 Tél. : 33 (0) 6 08 83 85 93. Tel : 33 (0) 6 09 26 97 63. Tel : 33 (0) 6 80 99 86 89  
 (Bureaux et dépôt / Offices & Warehouse)  
 S. A. R. L. au capital de 60550 € / RCS Cusset B 388 610 289 / APE : 4675Z  
 TVA : FR 04 388 610 289 / SIRET : 388 610 289 000 34  
<http://www.pepfrance.com>

## T E C H N I C A L   D A T A   S H E E T

# ENNELOX M

**MAIN USE :** Anti-oxidant additive made with a synergistic combination of various anti-oxidant substances.  
 Its main use is to avoid **the R52/53\* classification on the ink's M.S.D.S., for the inks formulator.**  
\*According to Directive 67/548/EEC or Directive 1999/45/EC

It is dedicated to the formulation of fresh or semi-fresh offset inks.

### CHARACTERISTICS (ENNELOX M is only available with Vegetable vehicle)

Name of product	Active product	Physical form	Colour	Odour	Viscosity	Dryer used by the ink formulator
ENNELOX M 25 V	26 %	Paste / Compound	Off white to Pale beige	Very weak	120/170 p	Cobalt Standard
ENNELOX M 30 V	32 %	Paste / Compound	Off white to Pale beige	Very weak	120/170 p	Cobalt Free

### PROPERTIES.

- ✚ Prevent skin formation during the ink manufacturing process, especially between two operations like premixing & milling.
- ✚ Prevent the ink from premature drying on the rollers/blanket, during printing or after stopping the machine.

The range Ennelox M paste is compounded in an offset vehicle in order to obtain:

- ✚ Excellent compatibility with the ink formulation, allows good storage stability
- ✚ Very good lithographic properties, i.e. "water take-up", in order to maintain good press stability.
- ✚ ENNELOX M is completely miscible with oil inks as well as mineral and vegetable oils.
- ✚ As ENNELOX M paste is able to be diluted in printing ink distillates, it is easy to reduce viscosity if needed.

### PERCENTAGE RECOMMENDATION.

According to the drier used in the ink, by the formulator, there are two options:

- a) Ink containing "standard cobalt drier", we recommend grade M 25 V → 0, 8 to 2 % Max.
- b) With ink containing a "cobalt free drier", we recommend grade M 30 V → 0, 6 to 2 % Max.

These recommendations have to be used only as a guideline. For further information, please contact our technical service

### STORAGE AND PACKAGING.

- ✚ Storage: at room T° without humidity.
- ✚ Shelf life: 6 months (at T° > 5°C and < 35°C)
- ✚ Available packaging: 25 kg pails, 200 kg drums, 1000 l IBC.

### OBSERVATIONS & USE.

1. Since range ENNELOX M paste influences drying times, it is important to avoid "overdoses".
2. As pigments also affect drying times, it is preferable to carry out tests on each colour.
3. When possible ENNELOX M paste should be introduced during the last grinding stage at T° < 80°C if possible.
4. **Always mix very well before any use because it contains an high level of anti-oxidant active material.**

**IMPORTANT :** the information contained in this data sheet is believed to be accurate, but it should not be taken as a guarantee.

**Référence / Reference :** ENX-M 2013 – 0002

FT<sup>GB</sup>  
 27/11/2013  
 REV. 04