



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

ENNELOX STP

MAIN USE : These products are anti-skinning agents whereby the action of a powerful anti-oxidant agent incorporated into a solvent system, with a flash point >75°C.

- ✚ For ink manufacturers: prevent the skin in the cans
- ✚ For the printers: prevent the ink from drying on the rollers/blanket, during printing or after stopping the machine.

CHARACTERISTICS

Name of product	% of active product	Physical form	Colour	Odour	Viscosity (Afnor 2.5)	Density
ENNELOX STP 10 E	10	Liquid	Light amber	slight	40"	1 to 1,01 g/l
ENNELOX STP 21 F	20	Liquid	Light amber	slight	85"	0,92 to 0,95 g/l
ENNELOX STP 35 F	35	Liquid	Light amber	slight	125"	0,94 to 0,96 g/l

PROPERTIES.

This new generation of antioxidant compounds has been developed in order to offer to ink manufacturers:

- ✚ Another technical alternative to HQ* compounds, when users do not want or can not use HQ.
- ✚ Very good efficiency, close to the usual antioxidants (i. e. hydroquinone).
- ✚ Excellent compatibility with the ink formulation, allows good storage stability.
- ✚ Compatible with oil inks, vegetable oils and long oil alkyds.
- ✚ Miscible with oil inks, vegetable oils, long oil alkyds and offset vehicles.
- ✚ Soluble with high boiling point alcohols, glycols, glycol-ethers and small amount of mineral.
- ✚ The Ennelox STP are active only in thick films, as soon as the ink is applied, the oxidation process goes normally.

NOTES : * HQ : Hydroquinone

APPLICATION AND PERCENTAGE RECOMMENDATION.

Due to the very large number of possible ink formulations which exist and also to the degree of protection required, the following proportions should be considered only as an initial guide:

STP 10 E	STP 21 F	STP 35 F
0,8 to 2 %	0,7 to 1,5 %	0,7 to 1,2%

APPLICATIONS:

Pot/Can protection by mixing the Ennelox STP with the ink according to the degree of protection required (preferably at temperature <75°C)

On the rollers, spray sparingly a thin film over the ink surface taking care to avoid excessively thick deposits which may causes "blocking" and other problems when starting up again

STORAGE AND PACKAGING.

- ✚ Storage: at room T° without humidity (>5°C/<40°C)
- ✚ Shelf life: 6 months
- ✚ Available packaging: 25 kg plastic jerrican, 180/190 kg drums, 1000 l IBC, 500 ml aerosol, tailor made upon request.

OBSERVATIONS & USE.

1. Since ENNELOX STP influence 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.

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-STP G2011

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