

## PROMOTORE DI ADHESIONE

### 1. Description

Our additive (Acethyl Acetone free) is an auxiliary product which, when added to the inks, acts as an adhesion promoter on plastic films such as:

- Polyethylene
- Polypropylene OT - coextruded treated surface with Corona treatment

The use of this additive allows, besides an improvement of ink adhesion on the films, to have a general better resistance to water, to some chemical agents and improves heat resistance by 10-20°C.

Comparing to other similar ones presently available in the market, it must be mentioned that it is more stable, it has a very reduced tendency to make white colours yellowish and, due to its purity, avoids forming of bad smell in the prints.

We suggest to add our additive in the ratio of 3-5% of the ink weight by making sure that it is added together with some thinner. This is necessary in order to avoid possible viscosity increases, particularly in yellow and red colours which are more sensible.

The additional ink keeps the adhesion characteristics unvaried and, if diluted, remains stable also in viscosity for several weeks.

### 2. Indications

Being additive a cross-linking agent for treated films, it is useful to improve the adhesion in general and particularly on lots of films having treatment level low or at the limit. It is suggested for following ink quality of ours:

- FREEZERPACK - In any case
- SOLIPROP TM, SOLVAPLAST T and SOLIPROP V

We suggest not using additive on lacquered and metallized films because it may cause loss of adhesion, blocking problems and an increase of lacquer melting point.

### 3. General Handling

#### 3.1. Storage

- inks are considered highly flammable. Suitable precautions should be observed to avoid ignition sources.
- Temperature of storage: from 5°C TO 35 °C
- Shelf life: 12 months under above conditions

## 3.2. Waste disposal

Care should be exercised in the disposal of printing ink waste. This should be carried about in accordance with good industrial practice, observing all the appropriate regulations and guidelines.

For more specific handling advice refer to the Safety Data Sheet ( MSDS )

## 4. End-use safety

Acceptable technical performance of inks is dependent on:

- Control of film weight (inks and adhesives)
- Adequate drying on press (to ensure that the print is dry before conversion)
- Control of any migratable substances within the print, film or adhesives

Choice and control of film weight, drying, substrate and adhesives are printer technical requirements for which the Euroink Chemical technical team can provide assistance in the form of suggestions or direct support.

To fulfill its responsibility within the supply chain Euroink Chemical will provide details to the customer of potential migratable components, where present in its inks, through the preparation and communication of a 'Statement of Composition'

## 5. Disclaimers

This list of applications, substrates and processes provided in this document is not exhaustive. Please contact your local Euroink Chemical representative for full technical evaluation of your application or process.

## 6. Technical Assistance / Contacts

For further information, please contact your local Euroink Chemical team.

Our Products are intended for sale to professional users. The information herein is general information designed to assist customers in determining the suitability of our products for their applications. All recommendations are made without guarantee, since the application and conditions of use are beyond our control. We recommend that customers satisfy themselves that each product meets their requirements in all respects before commencing a print run. There is no implied warranty of merchantability or fitness for purpose of the product or products described herein. In no event shall Euroink Chemical be liable for damages of any nature arising out of the use or reliance upon this information. Modifications of the product for reasons of improvements might be made without further notice.

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