

1. Description

Two components primer suitable for gravure printing on metallized films (metallized side).
It allows to get a good adhesion of the inks on many difficult supports.
Before using the additive must be mixed to the primer as follows:

Primer 2C PU	100 parts
Additive 138/145	5 parts

2. Technical Specification

- Solid Content Primer 2C PU 15-16%
 Additive 138/145 54-58%
- Solvent Ethyl acetate
 Dilution has to be done only with anhydrous ethyl acetate.
- Application 0,8 - 1 gsm dry

3. Product Suitability

3.1 Applications

We advise, for each type of support, to carry out preliminary tests to evaluate the suitability of the primer.

The primer develops its characteristics in a very short time and in 4-6 days reaches a complete reticulation.

The primer pot-life, after having added the additive 138/145, is about 24-48 hours; after this time the primer has to be replaced by a fresh blend. The same procedure must be followed also for fountain residues.

Printing groups, cylinders and fountains must be carefully cleaned immediately after printing, otherwise the primer dries and the cleaning becomes very difficult.

Notes

The ink adhesion on the metallized film must be tested before printing; the evaluation of the adhesion has to be done at least one day after the production of the prints.



4. General Handling

4.1 Storage

- Product is 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

4.2 Waste disposal

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

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

5. End-use safety

The good application of the inks depends on:

1. control of weight of applied ink
2. adequate drying on press
3. the correct structure of the laminate
4. correct design of the packaging
5. monitoring of all substances that might migrate from the ink and/or substrate
6. control of other parameters related to the article

SunChemical can offer assistance in the handling of the above parameters.

Food packaging: in the event the printed packaging is for food contact it be reiterated that the entire processing chain is held responsible.

With particular regard to the potential migration of the substance from the printed packaging to the food contained therein the printer and the food packager have the prime responsibility of guaranteeing correspondence of the selfsame packaging to the regulations in force.

For its part SunChemical will provide the customer all the information needed to highlight any potential risk of migration due to the inks.



6. Disclaimers

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

7. Technical Assistance / Contacts

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

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