



ZAHRA CHEMICALS
Consistent Quality Solutions

Universal catalyst 200

Universal catalyst 200 was the product originally developed by zahra chemicals to act as an adhesion promoter

Universal catalyst 200 forms a film with elastomeric properties without blocking tendency , it is recommended to be used at level 5 % for nitrocellulose in gravure and flexo laminating inks

Universal catalyst 200 performs the critical role of bond formation between the ink resin and film surface

Advantages:

- One of the most advantages of Universal catalyst 200 that it enables the printer to use the mixture (ink + Universal catalyst 200) after many weeks of mixing while in other products you can not use the ink after you add any ordinary adhesion promoter
- Also it improves the heat resistance of the ink film up to 200
- Adding Universal catalyst 200 to ink improves the following properties
 - Adhesion to most treated polyolefin's surface
 - Glossy
 - Flexibility
 - Compatibility of ink with polyurethane adhesive which used for lamination system

Recommended for end user:

Universal catalyst 200 can be added to solvent based printing ink, designed for flexography and rotogravure printing, in both cases surface and reverse printing

Typical properties:

Appearance	:	slightly hazy
% Solid content (ASTM D4713-92)At 110 °C – 1 Hour	:	45
Flash point	:	15 °C
Viscosity (ASTM D1200 Ford cup 4 at 25°C)	:	1800 maps
Density (ASTM D1475)	:	0.92 kg \ L

The above information is given in good faith. We cannot accept responsibility for any operation not under our control. New applications and end uses should always be checked with Zahra Chemical technical personnel. Zahra Chemical does not warrant that use of any of its products is appropriate for all applications.