Adhesion Promoters/Primers

Some materials require the application of an adhesion promoter/primer prior to printing. When required, the application of the adhesion promoter will help strengthen the bond between the ink and the substrate. Direct Color Systems recommends different types of promoters for various materials. Each promoter has its own recommended use but please note that these are recommendations *only.* All substrates should be tested for image receptivity, adhesion and durability, with final acceptance and suitability determined by the customer.

Application Instructions
Use a lint free cloth and wipe the promoter on the substrate (typically only where the print is going to be). You do not need to dry the promoter after application but be sure that a thin even coat has been applied. The shorter the time between applying the promoter and printing, the better. However, some prints still exhibit good adhesion after the promoter sat on the substrate for a few hours.

Low Odor Adhesion Promoter
Sold By: Direct Color Systems - www.directcolorsystems.com (860-829-2244)
Product #: I-UV-ADHPR2-200
Uses: Acrylic, Coated Metal, Coated Wood, Rubber, Coated Plastic
Notes: Sometimes, this promoter may damage the surface of the substrate. This is seen most often when applying to thin acrylics. If this happens, dilute the promoter by mixing in 99% Isopropyl Alcohol. 70 parts IPA to 30 parts Low-Odor Adhesion Promoter is the most common mixture. A mixing kit is available for purchase and ships with the maintenance kit for all new printer orders.

Bohle Metal Adhesion Promoter
Sold By: Bohle - www.bohle-america.com (704-247-8400)
Product #: BO 5209488 (3.5 fl. Oz.) or BO 5209489 (35.27 fl. Oz.)
Uses: Glass, Ceramic, Stainless Steel, Coated Metal, Uncoated Metal
Notes: Bohle dries fast, be careful not to over apply. Over application only wastes the promoter and will most likely not increase adhesion.

KolorJet Metal & Glass Primer
Sold By: KolorCure - www.kolorcure.com – (630-879-9050)
Product #: KJ-8214
Uses: Glass, Metal
Notes:

RUCO Adhesion Promoter
Sold By: COMDEC Incorporated - www.comdecinc.com (800-445-9176)
Product #: 100VR1075
Uses: Polypropylene
Notes:

This sheet will continue to be updated as new adhesion promoters are tested. Please note that DCS does not sell or ship any other promoters besides the Low Odor Adhesion Promoter. All other products will need to be purchased through the manufacturer or distributor listed above.

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