

Synergy Inks

MAGIC

Phthalate-Free Plastisol Additive

Product Data Sheet



Composition

- Phthalate-Free – does not contain phthalates
- 100% solids – does not contain solvents

Product Features

- Improve flow properties of the ink without making it “runny” (approx. 5% - 10%)
- Makes the tackiest inks creamy & fluid (approx. 10% - 30%)
- Maximum amount limited only by required opacity
- Not plasticizer or curable reducer, won’t cause overprint mottling!
- Maintains or reduces gloss level
- Maintains flash rate & does not increase hot-tack
- Compatible with all plastisol inks

Surface & Appearance

- | | |
|--------------|--|
| ➤ Opacity | Maintains ink’s opacity up to 15% |
| ➤ Gloss | Maintains or reduces ink’s gloss level |
| ➤ Hand | Maintains or improves ink’s hand |
| ➤ Matte Down | Maintains or improves ink’s matte down |
| ➤ Clarity | Maintains ink’s clarity |

Thermal Properties

Thermally, MAGIC will not impact the Flash time & temperature or cure time & temperature of the original ink.

MAGIC will maintain or improve the ink's durability and washability.

Application Guidelines

- Always stir MAGIC prior to adding to virgin ink
- Always stir MAGIC thoroughly into ink prior to putting in the screen
- Build-up: MAGIC will maintain or improve the build-up resistance of the ink. Extreme environmental conditions may compromise build-up resistance of MAGIC & the virgin ink, however MAGIC is designed to minimize build-up under all conditions.

For more information on build-up go to our FAQ page at:

www.synergyinks.com/faq.aspx

- Stroke Speed: MAGIC will allow you to print at increased stroke speed. Maximum stroke speed is always recommended for highest quality print

For more information on the advantages of print speed go to our FAQ page at:

www.synergyinks.com/faq.aspx

- Clearing: MAGIC maintain or improve the ability of the ink to clear the mesh
- Squeegee pressure: Use minimum pressure required to clear the mesh
- Mesh Counts: The addition of MAGIC will allow the modified inks to print on a wider range of the industry typical mesh counts (60-420)
- Squeegee Blade: Inks modified with MAGIC can be printed with most industry typical squeegee blade durometers & configurations. As always, one should select the proper blade to work with the mesh, print at maximum speed, and provide the required deposit, detail, and opacity for the application.

Restrictions

- Not for use on heat transfers
- Not intended for use on highly elastic synthetic garments
- Do not add any reducers or additives
- No Dry Cleaning
- No ironing
- Store MAGIC in a cool environment