



# AVIENT SPECIALTY INKS

## PRODUCT INFORMATION BULLETIN



### ASI Reducers

Avient Specialty Inks offers a range of reducers to lower the viscosity of plastisol inks. These reducers are used as additives to modify the flow and printing characteristics of plastisol inks.

#### HIGHLIGHTS

- › ASI Viscosity Buster  
ASI Viscosity Buster LC  
ASI Curable Reducer
- › Designed to reduce viscosity in plastisol inks

#### PRINTING TIPS

- › Stir inks thoroughly when adding reducer
- › ASI Curable Reducer is an efficient reducer and an addition of 5% by weight will lower the viscosity of most plastisol inks by 25%. Adding curable reducer at recommended amounts will not alter the cure temperature of the plastisol ink. Additions greater than 10% may reduce opacity, bleed and affect cure temperatures
- › ASI Viscosity Buster is a concentrated reducer and will stabilize and improve the flow properties of plastisol finished inks. Viscosity buster is concentrated and very efficient in reducing viscosity at small amounts. Start at 0.5% by weight and increase by 0.5% until desired viscosity is reached. Do not use more the 3% by weight
- › ASI Viscosity Buster LC is a technology and sustainable alternative to the ASI Viscosity Buster. ASI VISCOSITY BUSTER LC is a concentrated reducer and used to stabilize and improve the flow properties of plastisol finished inks. Viscosity Buster is concentrated and very efficient in reducing viscosity at small amounts. Start at 0.5% by weight and increase by 0.5% until desired viscosity is reached. Do not use more the 3% by weight
- › ASI Viscosity Buster and ASI Viscosity Buster LC are best used with high viscous plastisol such as whites and blockers when reduction is needed. Please see specific PIBs
- › When using these reducers within the recommended percentages, follow the cure temperature requirements as stated on the relevant plastisol ink PIB. Using these reducers will not lower the cure temperatures
- › With all reducers, any dramatic changes in viscosity may result in altered printing characteristics
- › Store ASI Viscosity Buster LC at room temperature or above. Avoid storing this product in cold areas or on cold floors. Temperatures below 32°F (0°C) may cause the product to separate

#### COMPLIANCE

- › Non-phthalate
- › For individual compliance certifications and conformity statements, please visit [www.avientspecialtyinks.com/services/compliance-support](http://www.avientspecialtyinks.com/services/compliance-support)

#### PRECAUTIONS

The information above is given in good faith and does not release you from testing inks and fabrics to confirm suitability of substrate and application process to meet your customer standards and specifications

#### RECOMMENDED PARAMETERS



##### Fabric Types

see relevant PIB



##### Mesh

Count: see relevant PIB  
Tension: see relevant PIB



##### Squeegee

Durometer: see relevant PIB  
Profile: see relevant PIB  
Stroke: see relevant PIB  
Angle: see relevant PIB



##### Stencil

see relevant PIB  
Off Contact: see relevant PIB  
Emulsion Over Mesh: see relevant PIB



##### Flash & Cure

Flash: see relevant PIB  
Cure: see relevant PIB



##### Pigment Loading

N/A



##### Additives

N/A



##### Storage

65-90°F (18-32°C)  
Avoid direct sunlight  
Use within one year of receipt



##### Clean Up

Dispose unused ink responsibly



##### Health & Safety

Find SDS information here:  
[www.avient.com/resources/safety-data-sheets](http://www.avient.com/resources/safety-data-sheets)  
or contact your local CSR



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