

# AVIENT SPECIALTY INKS

## 2928 FLAME RETARDANT CONCENTRATE

Avient™ Specialty Inks FLAME RETARDANT CONCENTRATE is designed to give self-extinguishing feature to plastisol ink

### HIGHLIGHTS

- Self-extinguishing properties of plastisol ink

### PRINTING TIPS

- Stir this product completely before use. Some settling will occur with time.
- Add 10 to 20% by weight to plastisol ink. Usage rates and process conditions can affect the flame retardant properties of the printed ink. Further, as flame retardant standards vary, usage requirements to meet desired outcome may vary. Follow all use instructions and testing obligations outlined below.
- Flame Retardant Concentrate is a self-extinguishing material if the ink has been fused properly.
- It is the responsibility of the printer to have the composite of the flame retardant garment and the flame retardant ink tested and certified as a unit.
- The flame retardant properties are only applicable to the Flame Retardant plastisol ink and not of the textile article that it may be printed onto.

### 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



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V1.07 (Modified: 07/16/2021)

## PRODUCT INFORMATION BULLETIN



### RECOMMENDED PARAMETERS



#### Fabric Types

All fabric types



#### Mesh

Count: 110 t/in (43 t/cm)  
Tension: 25-35 n/cm<sup>2</sup>



#### Squeegee

Durometer: 60/90/60, 60-70  
Profile: Square, Sharp  
Stroke: Hard flood, Medium stroke  
Angle: 10-15%



#### Stencil

2 over 2  
Off Contact: 1/16" (.2cm)  
Emulsion Over Mesh: 15-20%



#### Flash & Cure

Flash: 220°F (105°C)  
Cure: 320°F (160°C)



#### 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.  
Standard plastisol cleaners, press wash, or ink degradant



#### 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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