

# 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

## PRODUCT INFORMATION BULLETIN



### RECOMMENDED PARAMETERS



#### Fabric Types

All fabric types



#### Mesh

Count: 110 t/in (43 t/cm)  
Tension: 25-35 n/cm2



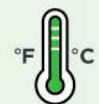
#### Squeegee

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



AVIENT  
SPECIALTY  
INKS

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

2021, Avient Corporation. Avient makes no representations, guarantees, or warranties of any kind with respect to the information contained in this document about its accuracy, suitability for particular applications, or the results obtained or obtainable using the information. Some of the information arises from laboratory work with small-scale equipment which may not provide a reliable indication of performance or properties obtained or obtainable on larger-scale equipment. Values reported as "typical" or stated without a range do not state minimum or maximum properties; consult your sales representative for property ranges and min/max specifications. Processing conditions can cause material properties to shift from the values stated in the information. Avient makes no warranties or guarantees respecting suitability of either Avient's products or the information for your process or end-use application. You have the responsibility to conduct full-scale end-product performance testing to determine suitability in your application, and you assume all risk and liability arising from your use of the information and/or use or handling of any product. AVIENT MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, either with respect to the information or products reflected by the information. This literature shall NOT operate as permission, recommendation, or inducement to practice any patented invention without permission of the patent owner.