



Development Associates, Inc.

300 Old Baptist Road, N Kingstown, R I 02852
Telephone (401) 884-1350 FAX (401) 885-7888
Email:sales@daius.com Web:www.developmentassociatesinc.com



Ref No: Z8351DSV1
Page 1 of 1

Data Sheet

Z-8351 FLOWSTOP SOLVENT BASED SILKSCREEN INK

Product Name: Z-8351 Flowstop Ink

Date: 03/04/03
Supersedes:None

Description

Z-8351 Flowstop is a solvent-based fluorocarbon ink. When silkscreen printed **around the perimeter of the desired dome area**, and dried on a suitable substrate, Z-8351 will confine up to 0.080 inches of liquid polyurethane compound.

The film formed by Z-8351 is translucent and light stable. The ink film does not chalk on exposure to weathering.

Some settling will occur on storage. STIR WELL BEFORE USING.

Application Method

Silk screen-printing. Screen size, 250-300 mesh. Screen a line 1/16" – 1/8" **around the perimeter of the desired dome area**. The interior of the line of the ink creates a stopping point for the flow of the polyurethane. The dome cures inside the ring of ink.

Thinning

Thin with screen thinner/cleaner Z-8127

Drying Time

50 – 100 C, 10 – 15 min.

Cleanup

Clean with screen cleaner or Toluene / MEK 1:1

Typical Properties

Solids	15 - 25%
Viscosity	10,000-15,000 Cps. Brookfield RVT #4 spindle @10RPM,@23°C
Specific Gravity	1.15
Weight/Gallon	9.58

Silk Screening

Ink prints well with 250 – 300 mesh screen. Suggest a perimeter of 1/16" – 1/8" **around desired area to dome** (See Application Method).

Screen Cleaning

Screens clean easily, no clogging with ordinary screen cleaners or MEK, Toluene 1:1.

Stopping Power

Dried ink very effective as a chemical dam for polyurethane dome up to 0.80".

Weathering

300 HOURS Sunlighter exposure (approximately equivalent to 3 years outdoors) No chalking or objectionable visual effect.

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