

## ArChine Synfluid SF 280

### Solder Assist Fluid

#### Product description

ArChine Synfluid SF 280 is a water soluble polyalkylene glycol-based fluid formulated with an additive package to improve the product's stability at high temperatures and to raise its flash point. It is designed for use as a component in solder reflow fluids, fluxes, fusing fluids, and other process fluids where high temperature stability and good water washability are critical.

#### Product features

- Good Thermal Stability
- High Flash Point
- Excellent Water Washability
- Low Foam Tendency
- Low Odor
- High Product Clarity

ArChine Synfluid SF 280 has been found particularly useful in various heat transfer and blanketing applications. It is used as a heat transfer media to fuse Sn-Pb electroplate into solder-coat during fabrication and to "reflow" solder-coat and solder perform during assembly. As a flux component, ArChine Synfluid SF 280 aids in heat transfer and protects the solder from oxidizing. It is also used as a hot liquid leveling fluid to smooth colder coatings and clear plated through-holes, and as a blanketing fluid to reduce dross formation on the liquid solder.

#### Typical physical properties

Property	ArChine Synfluid SF 280
Viscosity, cSt at 40°C	280
Specific Gravity, 20/20°C	1.088
Density, lbs/gal, 68°F (g/cc, 20°C)	9.06 (1.086)
Pour Point, °F (°C)	5 (-15)
Flash Point	
Closed cup, °F (°C)	350 (177)

#### Distributor Wanted

##### Distributor Wanted

Shanghai PingYiao Trading CO., Ltd.

Address: Xuhui District, Shanghai Caoxi Yinhai Building, A1207 Room, No. 250

Telephone helpline: (86)15900706965

Website: [www.pingyiao.com](http://www.pingyiao.com)

Tel: 86-21-64705533

Fax: 86-21-64705533-209

E-mail: [info@pingyiao.com](mailto:info@pingyiao.com)

**ARCHINE**

**Shanghai PingYiao Trading CO., Ltd.**

Open cup, °F (°C) 605 (318)	605 (318)
Surface Tension, dynes/cm	38.7
Water Solubility, 25°C	Complete (1)
Cloud Point, °F (°C)(2)	185 (85)

(1)Product contains small amounts of water-insoluble additives which are present to improve thermal stability.

(2)Temperature above which a 1% aqueous solution of the product separates.

## **Distributor Wanted**

### **Distributor Wanted**

Shanghai PingYiao Trading CO., Ltd.

Tel: 86-21-64705533

Adress: Xuhui District, Shanghai Caoxi Yinhai Building, A1207 Room, No. 250

Telephone helpline: (86)15900706965

Fax: 86-21-64705533-209

Website: [www.pingyiao.com](http://www.pingyiao.com)

E-mail: [info@pingyiao.com](mailto:info@pingyiao.com)