

ArChine Synfluid SF 90&95**Solder Assist Fluid****Product description**

ArChine Synfluid SF 90 is a low viscosity, water soluble polyalkylene glycol fluid with excellent thermal stability. It is designed for use in solder reflow fluids, fluxes, fusing fluids, and other process fluids where high temperature stability and water washability are critical. **ArChine Synfluid SF 90** does not contain any additives which could be deposited on the circuit board during aqueous cleaning procedures. **ArChine Synfluid SF 95** is based on the same polyalkylene glycol polymer as **ArChine Synfluid SF 90**. It differs from **ArChine Synfluid SF 90** in that it has been formulated with a proprietary additive package to further improve the product's stability at high temperatures and to raise its flash point.

Product features

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

ArChine Synfluid SF 90 and **95** have been found particularly useful in various heat transfer and blanketing applications. They are used to fuse Sn-Pb electroplate into solder-coating during fabrication and to "reflow" solder-coat and solder preform in assembly operations. **ArChine Synfluid SF 90** and **95** are also used as hot liquid leveling fluids to smooth solder coatings and clear plated through-holes, and as blanketing fluids to protect liquid solder from oxidizing.

Typical physical properties

Property	ArChine Synfluid SF 90	ArChine Synfluid SF 95
Viscosity (cSt at 40°C)	90	90
(cSt at 100°C)	12	12
Specific Gravity (20/20°C)	1.151	1.152
Density (lbs/gal, 68°F)	9.57	9.59

Distributor Wanted**Distributor Wanted**

Shanghai PingYiao Trading CO., Ltd.

Tel: 86-21-64705533

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

Telephone helpline: (86)15900706965

Fax: 86-21-64705533-209

Website: www.pingyiao.comE-mail: info@pingyiao.com

ARCHINE

Shanghai PingYiao Trading CO., Ltd.

(g/cm ³ , 20°C)	1.15	1.15
Pour Point (°F) (°C)	-29 (-33.9)	<-30 (<-34)
Flash Point, Closed cup (°F) (°C)	360 (182)	535 (279)
Open cup (°F) (°C)	535 (279)	590 (310)
Surface Tension (dynes/cm)	37.8	38.1
Water Solubility (25°C)	Complete	Complete
Cloud Point (°F) (°C)	>210 (>99)	>210 (>99)
(temperature above which a 1% aqueous solution of the product separates)		

Typical properties, not to be construed as specifications

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

Distributor Wanted

Distributor Wanted

Shanghai PingYiao Trading CO., Ltd.

Tel: 86-21-64705533

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

Telephone helpline: (86)15900706965

Fax: 86-21-64705533-209

Website: www.pingyiao.com

E-mail: info@pingyiao.com