



**ZAHRA CHEMICALS**  
**Consistent Quality Solutions**

**Star Seal 101**

**Star seal 101** is a solvent based heat seal lacquer for blister pack applications

**Physical parameters:**

- **Solids**(ASTM D4713-92) : 30 ± 2%  
At 110 °C – 1 Hour
- **Viscosity** (ASTM D1200)using : >120 sec "Ford  
Ford cup 4 at 25°C cup 4 "
- **Density** (ASTM D1475) : 0.975 g/cm<sup>3</sup>
- **Solvent** : MEK or ethyl  
acetate.
- **Sealing temperature** : 180 °C, 1", and  
1bar.
- **Coating weight** : 6 gm/m<sup>2</sup>.

**Applications:**

Star seal 101 is suitable to be applied on:

- On aluminum against PVDC (plaster applications).
- For the application of polyester (mix pap) against polystyrene cups please contact us first

**Dilution table**

| <b>Solid content %</b> | <b>Star seal 100 , Kg</b> | <b>Ethyl acetate, Kg</b> | <b>Viscosity Ford cup 4</b> |
|------------------------|---------------------------|--------------------------|-----------------------------|
| 25                     | 100                       | 20                       | >120"                       |
| 20                     | 100                       | 50                       | 42"                         |
| 15                     | 100                       | 100                      | 19"                         |

**Processing**

**Star seal 101** can be processed with engraved or smooth rollers

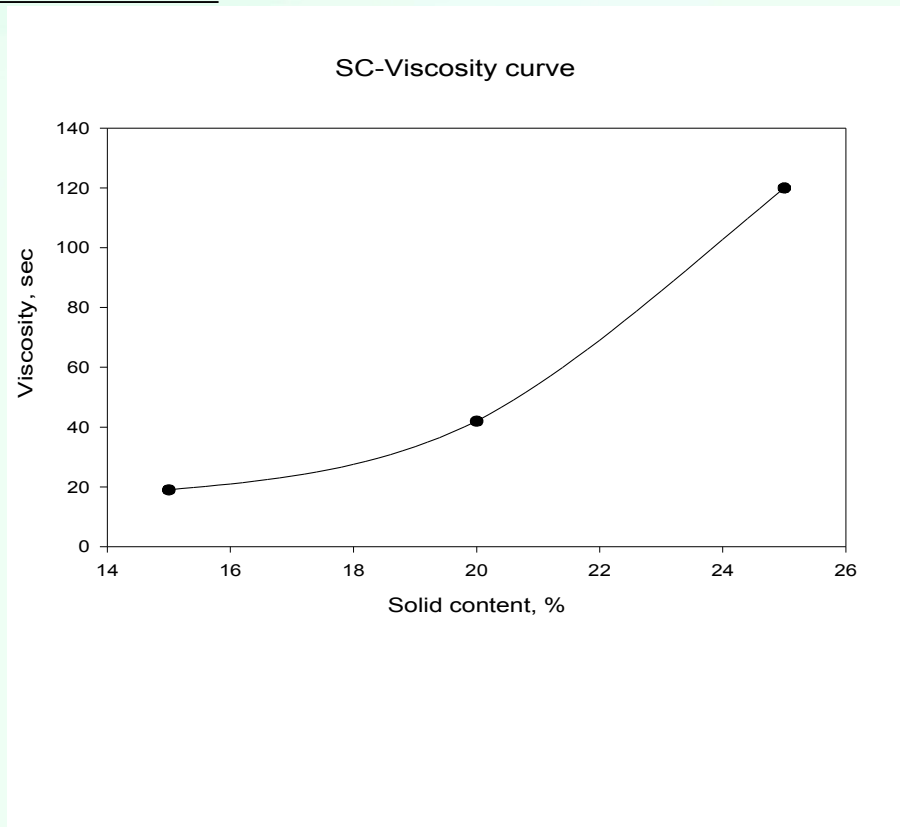
**Solvent**

**Star seal 101** can be thinned for processing. The most appropriate thinners are MEK and ethyl acetate.



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**Viscosity chart At 25 C°**



**Technical customer service:**

Zahra Chemicals offer customer service from our services laboratory including the development of complete solutions for various applications. Through our product specialists, we offer trouble shooting, color matching and problem solving.

The above information is given in good faith. We cannot accept responsibility for any operation not under our control. New applications and end uses should always be checked with Zahra Chemical technical personnel. Zahra Chemical does not warrant that use of any of its products is appropriate for all applications.