

Technical Data Sheet

PRODUCT NAME: SUNHSL 8032X

Product Descriptions:

SUNHSL 8032X is water based heat seal polymer for paper, PET and aluminum lidding application.

Key Features:

- ❖ Excellent bond strength and very good hot tack properties.
- ❖ Food contact approved products

Basic Properties:

- ❖ Appearance : Opaque emulsion
- ❖ Viscosity : 600 Brookfield (at 25°C)
- ❖ Efficient content : 45 (%)
- ❖ Ph : 8.2

Applications:

- ❖ SUNHSL 8032X works as a heat seal polymer for reel to reel printed PET, Paper lidding application to be used sealing polystyrene cups. For the application recommended parameter as under:
 - Coating weight : 2-4 gsm
 - Dwell time : 0.5- 1 Sec
 - Sealing Temp: 180-220°C
 - Sealing Pressure : 2.5 -3 Bar
- ❖ SUNHSL 8032X use for aluminum lidding application recommended parameter as under:
 - Coating weight : 5-6 gsm (In two layers)
 - Dwell time : 0.5- 1 Sec
 - Sealing Temp: 180-220°C
 - Sealing Pressure : 2.5 -3 Bar

General Formulation:

- ❖ General formulation for paper /PET and aluminum lidding
 - SUNHSL 8032X : 86.5 parts by weight
 - IPA : 3.5
 - Defoamer : 0.5
 - Water : 7.5
 - Slip & anti blocking Aid* : 2.0

*Michem Lube 160 RPH

Packing Size:

- ❖ 25 Kg Carboy

Safety & Handling:

For safe handling must be follow instruction as under:

- ❖ It should be stored in cool and dry place sealed original pack.
- ❖ Avoid additives, contact with human body, wear gloves & mask during the handling the polymer lumps.
- ❖ In case of body contact carefully wash with acetone and alcohol, after that thoroughly clean with soap and water.
- ❖ In case of eye contact, wash with running water for about 15-20 minutes and treat under the supervision of medical officer only.

Storage Conditions:

- ❖ It should be stored in dry place temperature in between 4-40 centigrade in original container kept tightly closed.

Disclaimer: All suggestions for use of our recommended products cited here are based on the results of tests carried out in our R&D lab and correct to the best of our knowledge and belief. However, no legal liability can be accepted with respect of such information as we cannot control the application procedures adopted by our users. We suggest having a pilot trial for the users prior to full commercialization of this product.