



# **Solmer**

## **SOLTECH LTD.**

368-2, SANMAKDONG, YANGSAN,  
KYOUNGNAM, 626-120, KOREA.

TEL : 82 55 387 6468  
FAX : 82 55 387 6470  
E-MAIL : [th.choi@uvpia.com](mailto:th.choi@uvpia.com)  
URL : <http://www.uvpia.com>

## *Polyester acrylate*

# **SP 283N**

### Descriptions

SP 283N is a amino modified multi-functional polyester acrylate oligomer developed for UV/EB cure coating applications requiring high gloss, fast curing and low irritating properties.

### Features

- High gloss.
- Light color.
- Low residual odor.
- Fast curing.
- Low irritating.
- Low viscosity.

### Specifications

- Viscosity (mPa.s, 25°C)	1,000 ~ 2,000
- Color ( Gardner )	3 Max
- Density ( g/cm <sup>3</sup> )	1.14
- Polymer solid % by weight	100
- Tg (°C)	6
- Tensile Strength (psi)	2,100
- Tensile Elongation (%)	11

### Applications

- Method : spray, screen, roll and curtain coating.
- Substrate : wood, plastics and paper.
- Clear coating, high gloss coating.
- Top coat for wood.
- Flexographic inks, screen inks and coatings.
- Wood filler.

### Handling

Storage :

Avoid continuous staying over than 40°C  
Handle with care and avoid unnecessary personal contact.

Avoid humidity. It can react with alkaline materials.

Avoid contact with eyes and prolonged or repeated skin contact.

Avoid continuous or repetitive breathing of dust.