

## Technical Data Sheet

**DS-1095**  
**Thermoplastic acrylic resin**  
**Clear liquid**

**Description:** DS-1095 resin is copolymerized from (methyl) acrylate monomers and special monomers, with xylene and butyl acetate as solvents. The paint film obtained from this resin features fast drying, high hardness, good sanding property and wide compatibility.

**Technical Data:**

|                                       |              |
|---------------------------------------|--------------|
| Appearance.....                       | Clear liquid |
| Color, Gardner.....                   | <1           |
| Viscosity, Gardner 25°C .....         | Z4-Z6        |
| Solids content, weight %.....         | 63± 2        |
| Acid value on solution, mgKOH/g ..... | 4-7          |
| Tg(°C).....                           | 95           |
| OH content on solids, %.....          | 1.8          |
| Solvent.....                          | XL/BAC       |

**Application:** DS-1095 resin is mainly used in self-drying coatings, plastic coating modifiers. (NC, soybean oil, malinic acid resin wood coating systems, adding this resin can effectively reduce NC and the dosage of malinic acid resin, enhancing the performance of the coating film, and increasing the solid content of the coating)

|                                      |                                                                                           |    |
|--------------------------------------|-------------------------------------------------------------------------------------------|----|
| <b>Wood primer Reference formula</b> | DS-1095                                                                                   | 14 |
|                                      | 1270Alkyd resin                                                                           | 14 |
|                                      | 1/2-Second Nitrocellulose(20%)                                                            | 38 |
|                                      | DBP                                                                                       | 20 |
|                                      | Zinc stearate                                                                             | 6  |
|                                      | Anti-settling agent                                                                       | 2  |
|                                      | Mixed Solvent                                                                             | 24 |
|                                      | Note: Mixed solvents: 50% toluene, 30% butyl acetate, 20% ethylene glycol ether (or PMA); |    |

**Storage:** The product is packed in sealed containers and stored in a well-ventilated warehouse protected from light and heat at room temperature. It should be kept away from fire sources. The storage period is 12 months.