

# Short Oil Alkyd Resin

## S-6504-X-60

S.P.T

### Product Description

Short oil alkyd resin based on **Soya fatty acid modified with phenolic resin**

### Features

|   |                               |
|---|-------------------------------|
| Good gloss and good gloss retention     | Good adhesion and flexibility |
| Good humidity and weathering resistance | Acceptable drying time        |
| Good wetting ability                    |                               |

### Application

semi-gloss Industrial paints  
Wood protective lacquers and paints  
As modifier in compatible alkyd resins  
Suitable for corrosive environments

### Typical Properties

|  |        |               |
|--|--------|---------------|
| Solid content (%)                          | 59-61  | ASTM D1259-06 |
| Solvent                                    | Xylene |               |
| Viscosity (stoke)                          | 45-80  | ASTM D1545-13 |
| Acid value (mg KOH/g)                      | 10-16  | ASTM D1639-90 |
| Color (Gardner)                            | Max.7  | ASTM D1544-04 |
| Liquid resin density (g/cm <sup>3</sup> )  | 0.98   |               |
| Solid residue density (g/cm <sup>3</sup> ) | 1.04   |               |

### General Properties

**Complete solubility in:** Toluene, Xylene, Ethyl acetate, Butyl acetate, Acetone, MEK, MIBK

**Limited solubility in:** n-butanol, Iso-Propanol

**Insoluble in:** White spirit

**Limited Compatible with:** short oil alkyds (S-6505, S-6400, S-6615, S-6300,), medium oil alkyds (S-5010)

**Incompatible with:** Long oil alkyds

### Package & Storage details

|                                  |   |
|----------------------------------|---|
| <b>Package Capacities</b>        | <b>200 kg drum</b>  |
| <b>Shelf Life; Delivery form</b> | <b>1 year; Xylene,</b>  |
| <b>Storing Area Conditions</b>   | The product should be kept in dry and cool condition away from sources of heat, spark and ignition.<br>The product should not be unsealed unless for consumption. |

### Health and safety

Avoid skin and eye contact by wearing overalls, gloves, goggles and mask

Use the resin under well ventilated condition

Remove the spillage by thorough washing

A material safety data sheet is available upon request

**SHIMI POLYMER TABAN Company**

Tel: 028-33297492-5, Fax: 028-33297491

**Production:** Alborz Industry State, Qazvin