

TECHNICAL DATA SHEET

SYNOLAC® S43X(M)

Short Oil Alkyd

PRODUCT APPLICATION DETAILS

SYNOLAC® S43X(M) is used mainly in white and pale coloured stoving finishes for metal. It is also used as primer as well as undercoat and finishing coat, usually in combination with suitable amino resins.

SALES SPECIFICATIONS

| | CHARACTERISTICS | METHODS |
|---------------------------|-----------------|---------------|
| Solid content (125°C, %) | 58 - 62 | ISO 3251 |
| Viscosity (25°C, Gardner) | (Z+) - Z2 | Gardner-Holdt |
| Color (Gardner) | Max. 6 | ASTM D-1544 |
| Acid value (mg KOH/g) | 15 - 25 | ISO 2114 |

OTHER CHARACTERISTICS¹

| | CHARACTERISTICS | METHODS |
|------------------------|-----------------|---------|
| Solvent | Xylene | - |
| Density (25°C, g/mL) | 1.02 | - |
| Fatty acid type | Soya Bean Oil | - |
| Fatty acid content (%) | 43 | - |
| Hydroxyl content (%) | 2.7 | - |

¹The data provided for these properties are typical values, intended only as guides, and should not be construed as sales specifications

MARKETS

Coatings & Inks

- Architectural Coating
 - Trim
- Industrial Coating
 - General Industry

PERFORMANCE BENEFITS

- Good balance of properties
- Good adhesion

SYNOLAC® S43XM

FORMULATION GUIDELINES

RECOMMENDATIONS FOR USE

SYNOLAC® S43X(M) is recommended for stoving drum enamel or general-purpose industrial stoving paints. Its can also be used for air drying industrial paints.

SOLUBILITY

Aromatic hydrocarbon — Complete

Ketone — Complete

Alcohol — Partial

Aliphatic Hydrocarbon — Partial

COMPATIBILITY

Urea Resins — Good

Short Oil Alkyd — Good

Melamine Resins — Good

PRODUCT SAFETY

Please refer to the corresponding Safety Data Sheet.

STORAGE AND HANDLING

SYNOLAC® S43X(M) should be stored indoors in the original, unopened and undamaged container, in a dry place at a temperature not exceeding 35°C. Exposure to direct sunlight should be avoided.

In the above mentioned storage conditions the shelf life of the resin will be 12 months.

Arkema Coating Resins Malaysia
PLO 491, Jalan Keluli, Pasir Gudang
Industrial Estate, 81700 Pasir Gudang,
Johor – Malaysia
T +60 7 253 6688

Headquarters: Arkema France
51, Esplanade du Général de Gaulle
92800 Puteaux – France
T +33 (0)1 49 00 80 80

Disclaimer - Please consult Arkema's disclaimer regarding the use of Arkema's products on <https://www.arkema.com/global/en/products/product-safety/disclaimer/> which is incorporated herein by reference and made a part hereof.

Arkema France, a French société anonyme registered at the Trade and Companies Register of Nanterre under the number 319 632 790

ARKEMA