

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

- Industrial Coating
 - General Industry

PERFORMANCE BENEFITS

- Good balance of properties
- Good adhesion

SYNOLAC® S 43 X M

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.

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