

SYNOLAC 800AG

Saturated (Oil Free) Polyester Resin

Product Information

SYNOLAC 800AG is an economy oil free polyester for use in coil coating applications. The resin can also be used in general metal decorating applications. Outstanding features include good light fastness, exterior durability and very good stain resistance.

Sales Specification

Non-volatile content, % (ISO 3251, 1h, 125°C)	59 – 61
Viscosity at 25°C, Gardner Holdt (DIN 53 015)	X – Z1
Colour, Gardner scale (ASTM D1544)	Max. 4
Acid value, mg KOH/g (ASTM 3682)	Max. 10

Other Properties

Volatile	Solvesso 150/Butyl Glycol
Density at 25°C, g/cm ³ (ISO 2811)	1.05
OH Value, %	1.40

Noted: Acid value & OH value quoted relative to solid resin

Recommendations for Use

SYNOLAC 800AG should be used with a suitable methylated melamine resin in the ratio of 80:20 to 85:15 based on solid resins.

The addition of a catalyst such as Nacure 2500 (King Industries) at 0.1 – 0.2% can assist in increasing cure rate.

Solubility

Glycol Ether Esther	Complete
Glycol Ether	Complete
Aromatic hydrocarbon	Complete

SYNOLAC 800AG

Precautions for Use	Please refer to corresponding Safety Data Sheet.
Storage Recommendations	SYNOLAC 800AG should be stored under shelter in the original containers at temperature not exceeding 35°C. Avoid exposure to direct sunlight.
Shelf Life	Under the above mentioned storage conditions the shelf life of the resin will be 12 months.



The world is our inspiration

Arkema Coating Resins Malaysia Sdn Bhd
PLO 491, Jalan Keluli,
Pasir Gudang Industrial Estate,
81700 Pasir Gudang, Johor, Malaysia

Telephone:
(60) 7-253 6688
Fax:
(60) 7-251 8453

Visit our website:
www.arkemacoatingresins.com

IMPORTANT: The statements, technical information and recommendations contained herein are believed to be accurate as of the date hereof. Since the conditions and methods of use of the product and of the information referred to herein are beyond our control, Arkema expressly disclaims any and all liability as to any results obtained or arising from any use of the product or reliance on such information; **NO WARRANTY OF FITNESS FOR ANY PARTICULAR PURPOSE, WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, IS MADE CONCERNING THE GOODS DESCRIBED OR THE INFORMATION PROVIDED HEREIN.** The information provided herein relates only to the specific product designated and may not be applicable when such product is used in combination with other materials or in any process. The user should thoroughly test any application before commercialization. Nothing contained herein constitutes a license to practice under any patent and it should not be construed as an inducement to infringe any patent and the user is advised to take appropriate steps to be sure that any proposed use of the product will not result in patent infringement.

© Arkema Inc. All rights reserved.
SYNOLAC® is a trademark of Arkema Inc.
Version: 00 / November 2011