

Technical data sheet

SMA 2625F

July 2002*

INTRODUCTION

SMA 2625 is a partial monoester of a styrene -maleic anhydride resin.

This resin is available in powder (P grade) or in flake (F grade).

SALES SPECIFICATION

Acid Number (mg KOH/g) 200-240

Analytical method 8130 is available upon request.

PRODUCT HIGHLIGHT

SMA resin ester, which balances higher styrene content with solubility in aqueous base.

TYPICAL PROPERTIES

- Appearance off-white powder
- Color (Gardner) 1
- Tg (°C) 110
- Resin Molecular weight, Mn 3600
- Resin Molecular weight, Mw 9000
- Non-volatiles (%) 97
- Solubility (g/100 ml solvent) at 25°C :
 - n-Hexane < 1
 - Toluene < 1
 - Acetone > 50
 - MEK > 50
 - THF > 50
 - Ethyl acetate > 50

SUGGESTED APPLICATIONS

SMA Resins are a key additive in many different applications :

Carpet cleaners, floor polish, powder coatings, ink additives, temporary coatings.

PERFORMANCE PROPERTIES

Viscosity stability / shear stability

Excellent solvent solubility

*Supersedes data sheet June 2001

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PACKAGING

SMA 2625F is packed as follows :

- 81.8 Kg fiber drums which can be palletized

Big bags are also available upon request.

SHELF LIFE STABILITY

SMA 2625F stability is excellent : shelf life is one year minimum under normal conditions.

STORAGE AND HANDLING

Storage should be in a ventilated area protected from heat. The containers should be stored well closed. Ensure appropriate exhaust and ventilation at machinery and at places where dust can be generated.

HEALTH AND SAFETY

Full health and safety data sheets in accordance with EEC regulations are available on our web site (www.crayvalley.com).

The information given herein must be read in conjunction with the relevant Health and Safety Data.

Starting point formulations and suggestions for use are given for guidance and are made without warranty. Nor should it be construed as permission or inducement to practise any invention by patent without authority from the owner thereof.