

SC-1110 γ -Aminopropyltrimethoxysilane

PRODUCT DESCRIPTION

SC-1110 is an amino-functional silane that may be used over a broad range of applications to give an improvement in the bond between a substrate, filler or reinforcement and resins that react with the amino group.

TYPICAL PRODUCT DATA

(not intended for use in preparing specifications)

CAS# 13822-56-5

Formula: $C_6H_{17}NO_3Si$

Appearance: Colorless transparent liquid

Refractive

Index: @25°C 1.42

Min Purity: 98%

Density: 1.014
(25°C)

Boiling: 210°C [760mmHg]

Flash Point: 82°C

TYPICAL FEATURES AND APPLICATIONS

SC-1110 is especially recommended for thermoplastic and thermosetting resins such as epoxy, PBT, PP, polyurethane, nylon etc. The silane can improve reinforced plastic's physical properties such as flexural strength, compression strength and shear strength, and can also improve composites electrical properties.

SC-1110 can be used as an adhesion promoter in RTV silicones and other hybrid sealants. SC-1110 can be used as excellent adhesion promoter in SPUR technology, particularly for difficult substrates such as ABC, PVC and polystyrene.

SC-1110 is a useful component in primer systems for hybrid and polyurethane sealants.

INFORMATION FOR USE

SC-1110 reacts with water. Take precautions to avoid contact with atmospheric moisture prior to use. Makes clear, colourless water solutions.

SHELF LIFE AND STORAGE

AVAILABLE PACKAGING

SC-1110 is available in 200 kgs drums and 1000 kgs IBC container

In the unopened original container, shelf life is 12 months. Store in a cool, temperature controlled, well ventilated place. Keep container tightly closed.

PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED IN THIS DOCUMENT. BEFORE HANDLING, READ PRODUCT AND SAFETY DATA SHEET AND CONTAINER LABELS FOR SAFE USE, PHYSICAL, ENVIRONMENTAL, AND HEALTH HAZARD INFORMATION.

LIMITATIONS Not intended for human injection. This product is neither tested nor represented as suitable for medical or pharmaceutical uses.

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