

SC-1200

N-2-(Aminoethyl)-3-aminopropyltrimethoxysilane

PRODUCT DESCRIPTION

SC-1200 is a colorless liquid with a special ammonia smell, soluble in alcohols, chain hydrocarbons, aromatic hydrocarbons and other solvents.

TYPICAL PRODUCT DATA*

* Value when leaving plant

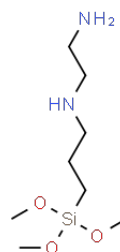
Property	Unit	Typical Value
CAS#	-	1760-24-3
Appearance	-	Colorless transparent liquid
Boiling point	°C	261°C
Flash Point (closed cup)	°C	128°C
Refractive index (25°C)	°C	1.4425
Density (25°C, g/ml)	-	1.03
Purity	%	≥97%

* These values are not intended to be used as specifications but as suggested characteristics

PACKAGING AND AVAILABILITY

SC-1200 is available in 200 kgs drums.

TECHNICAL DATA SHEET



TYPICAL FEATURES AND APPLICATIONS

SC-1200 is a bifunctional organosilane possessing reactive primary amine and hydrolysable inorganic methoxysilyl groups. The dual nature of its reaction, it can organically bond inorganic materials and organic polymers.

SC-1200 is an important additive in many fields: as glass fiber treatment agent, or wetting agent additives; primer for glass and metal; primer or adhesion promoter for sealants and adhesives; as an additive or primer to improve substrate adhesion for paints and coatings.

INFORMATION FOR USE

In the presence of water, the methoxy groups of SC-1200 hydrolyze to form reactive silanol groups which can bond to a variety of inorganic substrates. SC-1200 has the organic properties of diamino group(s) that can react with suitable organic polymers.

SHELF LIFE AND STORAGE

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

PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED IN THIS DOCUMENT. BEFORE HANDLING, READ 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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