

SC-1220

N-2-(aminoethyl)-3-aminopropyl-methyldimethoxysilane

PRODUCT DESCRIPTION

SC-1220 is a colorless, strongly alkaline liquid with an amine smell. The silane is very sensitive to hydrolysis so avoid moisture prior to use.

TYPICAL PRODUCT DATA*

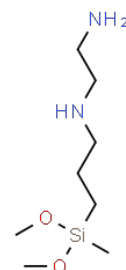
* Value when leaving plant

| Property | Unit | Typical Value |
|-------------------------|------|------------------------------|
| CAS# | - | 3069-29-2 |
| Appearance | - | Colorless transparent liquid |
| Boiling point (760mmHg) | °C | 265°C |
| Flash Point | °C | 93°C |
| Refractive index (25°C) | - | 1.445 |
| Density at 25°C | g/ml | 0.970-0.980 |
| Purity | % | ≥98% |

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

PACKAGING AND AVAILABILITY

SC-1220 is available in 200 kgs drums



TYPICAL FEATURES AND APPLICATIONS

SC-1220 is a diamino-functional silane capable of providing good adhesion and superior elongation and flexibility at the polymer-substrate interface. It is used to promote adhesion between glass, mineral, and metal surfaces.

SC-1220 can be used as an adhesion promoter in polysulfide, polyvinyl chloride plastisol, silicone two-part urethanes and epoxy adhesives and sealants, and can be used as adhesion promoter in one-part silylated urethane adhesives and sealants. SC-1220 can be used as starting material in the synthesis of amino-functional silicones.

INFORMATION FOR USE

SC-1220 is soluble in water and in many standard organic solvents. The silane can be used as a primer or in one part formulations.

SHELF LIFE AND STORAGE

In the unopened original container, shelf life is 12 months.

Keep container in a dry, temperature controlled and well-ventilated place.

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.

Limited Warranty: Silsource Inc. warrants to Buyer that for a period of 12 months from the date of manufacture of the products, such products will materially conform to Silsource Inc.'s specifications in effect as of the date of manufacture. This warranty does not apply where the products have (a) been subjected to abuse, misuse, neglect, negligence, accident, improper testing, improper installation, improper storage, improper handling, abnormal physical stress, abnormal environmental conditions, or use contrary to any instructions issued by Silsource Inc.; (b) been reconstructed, repaired, or altered by persons other than Silsource Inc. or its authorized representatives; or (c) been used with any third-party product or hardware that has not been previously approved in writing by Silsource Inc. Buyer's exclusive remedy for breach of the limited warranty shall be a refund of the purchase price or replacement of the product, at Silsource Inc.'s sole discretion.

Disclaimer: EXCEPT FOR THE EXPRESS LIMITED WARRANTY SET OUT ABOVE, SILSOURCE INC. MAKES NO WARRANTY WHATSOEVER WITH RESPECT TO THE GOODS, INCLUDING ANY (A) WARRANTY OR CONDITION OF MERCHANTABILITY; (B) WARRANTY OR CONDITION OF FITNESS FOR A PARTICULAR PURPOSE; (C) WARRANTY OR CONDITION OF TITLE; OR (D) WARRANTY AGAINST INFRINGEMENT OF INTELLECTUAL PROPERTY RIGHTS OF A THIRD PARTY, WHETHER EXPRESS OR IMPLIED AND WHETHER ARISING BY LAW, COURSE OF DEALING, COURSE OF PERFORMANCE, USAGE OF TRADE, OR OTHERWISE. BUYER ACKNOWLEDGES THAT IT HAS NOT RELIED UPON ANY REPRESENTATION, CONDITION, OR WARRANTY MADE BY SILSOURCE INC., OR ANY OTHER PERSON ON SILSOURCE INC.'S BEHALF, EXCEPT AS SPECIFICALLY PROVIDED ABOVE.