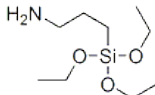


Technical Date Sheet**SiLink™ Silane KH-550**

3-Aminopropyltriethoxysilane

Description
Versatile amino functional coupling agents used over a broad range of application to provide superior bonds between inorganic substrates and organic polymers. The primary amine functions reacts with a wide array of thermoset, thermoplastic and elastomeric materials.

CAS Number
919-30-2

CAS Number	
H ₂ N(CH ₂) ₃ Si(OC ₂ H ₅) ₃	

The Equipvalent Products to Other Manufacturers				
Momentive	DowCorning	Shin-Etsu	Degussa	Wacker
A-1100	Z-6011	KBE-903	AMEO	GF 93

Typeical Properties	
Index	Value
Appearance	Colorless, transparent liquid
Specific point (ρ_{20}), g/cm ³	0.947
Boiling Point (760mmHg), °C	217
Refractive Index (DN ²⁵)	1.420
Flash Point, °C	96
Solubility	Completely and immediatesly soluble in

	water(with reaction), alcohol and aromatic and aliphatic hydrocarbons. Ketones are not recommended diluents
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Applications and Performance

- 1.Coating, Adhesives and Sealants: An excellent adhesion promoter to glass,aluminum,steel and other inorganic surface in acrylic, polysulfide, urethane, RTV, epoxy, nitrile and phenolic adhesive, sealants and coatings.
- 2.Glass Fiber and Mineral Batt: Improve the moisture resistance and mechanic strength.
- 3.Resin-Base Composites: Greatly enhance the flexural, compressive and interlaminar shear strengths before and after exposure to humidity. Improve wet electrical properties.
- 4.Resin-Sand Foundry: Strengthens the bond between phenolic or furan binders and silicon sand.
- 5.Grinding Wheels: Promotes an improved, water resistance bond between the abrasive grit and phenolic resin binders.

Packing

This product is available in 5kg pail, 200L drums and 1000L immediate bulk container.

Storage and Usable Life

Should be stored in dry, cool, ventilated room; keep away from water, moisture, high temperature and fire. This product has a shelf life of at least 18 months if stored in tightly closed original container at room temperature.

If this product is kept beyond the shelf life recommend on the product label, it is not necessarily unusable, but a quality control should be performed on the properties relevant to the application.