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Product Range



## Name of Product

### Coupling Agent APTES

**Chemical Name:** 3 Amino Propyl Triethoxy Silane

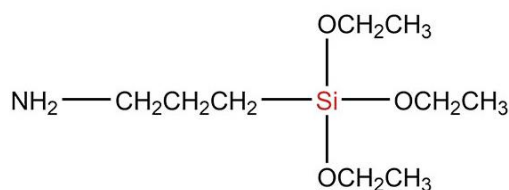
**Other Common Names:** A-1100, Z-6011, AMEO, KH-550, GF 93, KBE-903, Sila-Ace S330

**CAS No.:** 919-30-2

#### TYPICAL PROPERTIES

Property	Specification	Result
Appearance	Colourless Transparent Liquid free from suspended particles	Complies
Assay	>98%	98.6
Density	0.946-0.956 g/cm <sup>3</sup>	0.948
Refractive Index	1.4175-1.4275 (at 25°C)	1.420

#### Structure:



#### SAFETY:

- Corrosive Liquid. Keep away from open flames, hot surfaces and sources of ignition.
- May be harmful if inhaled or swallowed, should be handled with special care.
- Please use the appropriate safety equipment to avoid direct contact with eyes or skin.
- In case of exposure to the product, rinse immediately with plenty of water.
- Read and understand the Material Safety Data Sheet (MSDS)

#### APPLICATION:

1. Adhesion promoter in acrylic coatings, adhesives and sealants.
2. Enhances the flexural, compressive and interlaminar shear strengths in glass-reinforced thermosets.
3. Phenolic resin binder additive.
4. In shell molding- strengthens the bond between the phenolic binder and foundry sand.

#### STORAGE:

HYCO APTES should be stored in cool and dry place, away moisture and sunshine.

Recommended shelf life is 12 months when stored under ideal conditions.