

## Andisil® 171 Silane

CAS# 2768-02-7



## TYPICAL PROPERTIES\*

CHEMICAL NAME	Vinyltrimethoxysilane
APPEARANCE	Colorless, transparent liquid
EMPIRICAL FORMULA	C <sub>5</sub> H <sub>12</sub> O <sub>3</sub> Si
MINIMUM PURITY	> 97%
DENSITY G/CM <sup>3</sup>	0.9700 +/- 0.0005
BOILING POINT °C/mmHg	122 °C
FLASH POINT	23 °C
REFRACTIVE INDEX	1.39650 +/- 0.0005 [25°C]

\* These properties are not intended to be used as specifications but only as suggested characteristics

## APPLICATION

- The dual nature of its reactivity allows Andisil® 171 Silane to bind chemically to both inorganic materials (e.g. glass, metals, fillers) and organic polymers (e.g. thermosets, thermoplastics, elastomers), thus functioning as a crosslinking agent, adhesion promoter and/or surface modifier.
- Provides superior elongation, flexibility, and spreading at the interface as a coupling agent.
- Improves adhesion between glass, mineral and metal surfaces and aminoreactive resins.
- Improves adhesion, while maintaining good shelf stability as an additive to waterborne systems.

## STORAGE &amp; SHELF LIFE

The shelf life, when the container is stored unopened and under proper conditions above 50 °F, is expected to be a minimum of two (2) years.

## PACKAGING

Andisil® 171 Silane is available in 418 pound net weight drums or 40 pound pails. Other packaging options may be available upon request.

For additional information on the product, please contact your Sales Representative.

**Andisil®**

We believe that the information shown in this Product Bulletin to be an accurate description of the typical characteristics and/or uses of the product. Any suggestions of uses are not to be taken as an inducement to infringe any particular domestic or foreign patent. We recommend that the product be thoroughly tested for a specific application to determine the performance, efficacy and its safe handling and use.

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