

Andisil® 1891 Silane

CAS# 14814-09-6



TYPICAL PROPERTIES*

CHEMICAL NAME	Mercaptopropyltriethoxysilane
EMPIRICAL FORMULA	C ₉ H ₂₂ O ₃ SSi
MINIMUM PURITY	> 95%
APPEARANCE	Colorless to pale yellow transparent liquid
REFRACTIVE INDEX	~ 1.4331
BOILING POINT	210 °C
SPECIFIC GRAVITY	0.983 g/cm ³

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

APPLICATION

- Mercapto-functional silane used as a coupling agent in polysulfide and polyurethane caulks and sealants
- Useful in sulfur-cured and metal oxide-cured elastomers; Can be either added at the time of compounding or used to pretreat minerals before hand
- Lower levels of this sulfur containing silane are used since it is efficient and fast
- Chemically bonding reinforcing minerals like silica, clay, mica and talc to the polymer matrix; Properties including modulus, tensile and tear strength, heat buildup, abrasion resistance, resilience, compression set and cure time are improved in mineral-filled elastomers

STORAGE & 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® 1891 Silane is available in 440 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.

AB Specialty Silicones | 3725 Hawthorn Court | Waukegan, IL 60087

① 908.273.8015 | TOLL FREE 800.678.3024 | FAX 224.232.1999 | ✉ info@andisil.com

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