

Andisil® 137 Silane

CAS# 2943-75-1



TYPICAL PROPERTIES*

CHEMICAL NAME	Octyltriethoxysilane
EMPIRICAL FORMULA	$C_{14}H_{32}O_3Si$
MINIMUM PURITY	> 98%
SPECIFIC GRAVITY @ 25 C	0.875
REFRACTIVE INDEX	1.440

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

APPLICATION

Andisil® 137 Silane is a monomeric medium-chain alkyl functional silane. Andisil® 137 Silane is a clear, colorless liquid with an odor characteristic of alcohols.

REACTIVITY

Andisil® 137 Silane is a monomeric alkylalkoxysilane that is reactive when exposed to moisture, with the minerals contained in concrete, masonry, and other substrates. This monomer can penetrate deeply into a substrate and then react to form a protective surface surrounding each microscopic particle. This protective surface is extremely durable and leads to significant improvements in weather resistance. Andisil® 137 Silane is easily dissolved in organic solvents to form clear, colorless, stable solutions.

APPLICATION

Penetrating sealers containing Andisil® 137 Silane can provide excellent protection for bricks, stone, masonry, wood, and other substrates. The performance of many existing water-repellent, sealer, stain, and coating formulations can also be enhanced by the addition of Andisil® 137 Silane and/or organofunctional silanes.

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



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.

The dispensability and compatibility of filler and pigment particle in coating and sealant formulations can be improved by adding Andisil® 137 Silane or by using it as a pretreatment for the pigments, The particulate surface is made more hydrophobic and organic-like making it more compatible with typical coating, adhesive, and sealant vehicles.

HANDLING

Customers considering the use of this product should review the Safety Data Sheet and label for product safety information, handling instructions, personal protective equipment if necessary, and any special storage conditions required.

STORAGE

When stored at or below 25°C (77°F) in the original unopened containers, this product has a shelf life of a minimum of two (2) years.

PACKAGING

Andisil® 137 Silane is packed in 397 lb drums and 1918 lb totes.