Andisil® 137 Silane
CAS# 2943-75-1

TYPICAL PROPERTIES*

<table>
<thead>
<tr>
<th>CHEMICAL NAME</th>
<th>Octyltriethoxysilane</th>
</tr>
</thead>
<tbody>
<tr>
<td>EMPIRICAL FORMULA</td>
<td>C_{14}H_{32}O_{3}Si</td>
</tr>
<tr>
<td>MINIMUM PURITY</td>
<td>&gt; 98%</td>
</tr>
<tr>
<td>SPECIFIC GRAVITY @ 25°C</td>
<td>0.875</td>
</tr>
<tr>
<td>REFRACTIVE INDEX</td>
<td>1.440</td>
</tr>
</tbody>
</table>

* 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.

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.

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