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*We've got the right chemistry*

## ANDISIL OH 70

### Silanol Fluid

#### PRODUCT OVERVIEW

**ANDISIL OH 70 FLUID** is a low viscosity *silanol fluid* with a medium silanol content useful in the treating of fillers and as an Anti-Structuring additive in high consistency silicone rubber and silicone Room Temperature Vulcanizing (RTV) formulations. It has excellent stability with its medium silanol content and can be used with catalytic amounts of ammonium carbonate to treat reinforcing fillers *in-situ*.

The **ANDISIL OH 70 FLUID** can also be cured by mixing it with about 3.0 to 4.5% percent by weight of *ethyl silicate* and using an *organo-tin compound* to catalyze and polymerize the material. The use of *dibutyl tin dilaurate* or *stannous octoate* have been found effective as catalysts for this reaction.

**ANDISIL OH 70 FLUID** is very reactive in the presence of strong alkali, such as *sodium* or *potassium hydroxide* which will result in the immediate gelling of the material especially if heated.

#### TYPICAL PROPERTIES OF ANDISIL OH 70 FLUID

|                         |                         |
|-------------------------|-------------------------|
| APPEARANCE @ 25°C       | Clear, colorless liquid |
| VISCOSITY @ 25°C        | 70 cSt.                 |
| SPECIFIC GRAVITY @ 25°C | 0.950                   |
| REFRACTIVE INDEX @ 25°C | 1.4020                  |
| SILANOL CONTENT         | 1.25%                   |

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

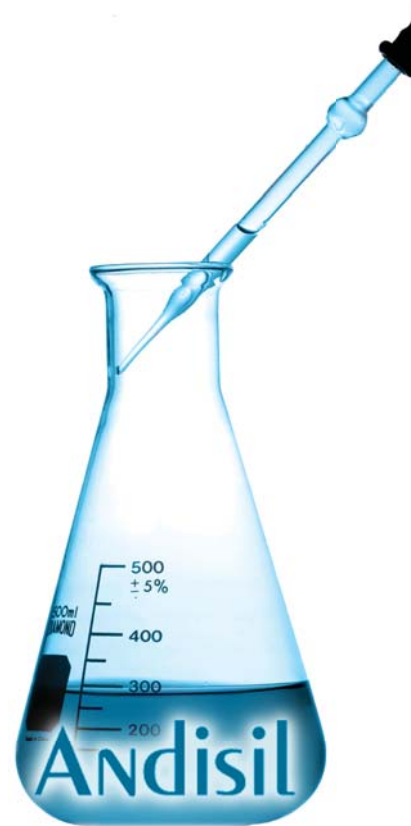
**(Storage Continued) ANDISIL OH 70 FLUID** must not be in contact or mixed with strong bases or alkali such as sodium hydroxide and potassium hydroxide to prevent the material from gelling or polymerizing. Mixing vessel and processing equipment must be clean and free of any strong basic contaminants.

#### HANDLING

The **ANDISIL OH 70 FLUID** is supplied in 440 pound net weight steel lined drums, other packaging options are available upon request.

*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.



#### Technical Data Sheet

#### STORAGE & SHELF LIFE

The shelf life, when the container is stored unopened and under proper conditions, is expected to be a minimum of twelve months. It is recommended to ground the container when pouring or weighing a quantity into another container or vessel to eliminate the chance of a static discharge.

