



# Novacite Plate Shaped Silica?

## Featured Application: Industrial Coatings

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Volume 1, Issue

Date: 12/22/2010

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### Special points of interest:

- Unique Performance Mineral
- Silane Treated Minerals
- 67 Years Servicing the Coatings Industry
- 100+ Years Reserves

### Did you know?

- Malvern Minerals was established in 1947
- We pioneered the use of silane treated minerals
- Novacite is the only known occurrence of a plate shaped SiO<sub>2</sub>

### Featured Distributor:

Archway Sales  
Upper Midwest Region

Featured Sales Personnel:  
Kane Henneke  
Archway Sales  
(Chicago, IL)

*"Kane is a tremendous asset to formulators looking for technical assistance with Industrial Coatings. Call him today at (847) 490-8950"*

## Unique Performance Mineral for Industrial Coatings

Welcome to the inaugural issue of the Malvern Minerals Co. newsletter! We plan to issue on a quarterly basis or as needed to communicate important information on the company and its products/services.

The objective of this newsletter is to acquaint the technical community with the benefits of our performance mineral, Novacite, and our other services.

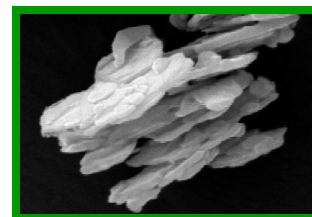
Novacite or Arkansas Novaculite is a homogeneous, mostly white or light-colored rock, translucent on thin edges, with a waxy to dull luster, and almost entirely comprised of micro-crystalline quartz.

Novacite's signature characteristic is its "platy", lamellar shape. This odd occurrence of silica has found a niche in the industrial coatings field and is only found in the Ouachita Mountains around Hot Springs,

Arkansas. Novacite has garnered worldwide acceptance for its ability as a filler and as a truly unique performance mineral.

Benefits to formulator include:

- High filler loading due to very low oil absorption
- Excellent barrier properties due to lamellar shape of pigment
- Highly reactive surface area for silane treating
- Great rheology due to particle shape



Novacite—15,000X

Typical Applications include:

- Industrial coatings
- Epoxy & polymer coatings
- Corrosion-resistant coatings
- Pipe Linings
- Abrasive medium
- Silicone Rubber Extender
- Marine & Protective Coatings
- Industrial Floor Coatings

## Toll Services

Malvern Minerals Co. has been a pioneer in the advancement of surface treated minerals. We have patented numerous silane treated minerals and still hold the trade names to many of these same products.

Our team of experts have a unique, patented process for surface treatment that enables the formulator to pursue new

pathways into enhancing their application with state of the art mineral modification.

In addition, we offer the following services:

- Toll Grinding
- Toll Blending & Packaging
- Silane Treatment



### Other Modified Minerals:

- Wollastokup®
- Carbokup®
- Klakup®
- Titankup®
- Trikup®
- Monykup®