

APPLICATION BULLETIN

**BAKELITE**
SYNTHETICS

Formaldehyde Solutions

The word “solutions” above has two meanings.

Not just a play on words, Bakelite Synthetics has been supplying Formaldehyde Solutions that solve our customers’ needs for over 45 years.

Whether you are seeking a preferred supplier partner or looking for an alternative supply of formaldehyde to cover your needs when an event affects your normal supply, reach out to Bakelite Synthetics to learn how we can be your problem-solver.

Extensive Product Line

Solutions of formaldehyde are used primarily in the manufacture of synthetic resins due to their high reactivity with phenol, urea, melamine, and other similar compounds. Our high purity formaldehyde solution portfolio includes products that are uninhibited or are methanol inhibited. Uninhibited solutions range from 32-52% formaldehyde. Inhibited grades range from 28-37.5% formaldehyde inhibited with methanol ranging from 3-26%; or we can provide products stabilized without methanol. Low sodium formalde-

hyde is available from select Bakelite Synthetics locations.

But that is our line of standard products. Our chemists can dial in the formaldehyde solution that will best fit your application be it in agriculture, chemical intermediates, pathogen control, water treatment or oil and gas. Other industrial uses include molded articles and high-pressure laminates; wood panelboard products; resins for adding wet strength to paper; varnishes and enamels; foundry core and shell binders; glass and mineral wool insulation; and coatings.

Geography and Flexibility

Bakelite Synthetics operates state-of-the-art control systems in seven manufacturing facilities across the United States. This means we can supply a wide geography within the US and often have flexibility to provide back-up manufacturing capability when natural

disasters or other disruptions affect a local supply. Another shipping benefit is an in-house tanker truck fleet. With knowledgeable operators committed to safety. To service our customers, many of our products may be available in totes and drums from select locations. A technical sales representative can confirm the availability of these packaging options in your area.

Quality and Reliability

We are committed to responsible and cost-effective asset management strategies implemented to support safe, reliable, compliant, and efficient operations. The result is consistent, dependable quality that stems from

a corporate principle of operational excellence and that means you can rely on the efficacy of your purchase.

In a recent survey of our customers, the Consistent Quality of our products and Ease of Doing Business were a few of the key reasons they purchase our formaldehyde products.

Formaldehyde Expertise

Formaldehyde is one of the most well-studied chemicals in use today. A large body of research supports its safety, and protective regulatory standards are in place to ensure the safe use of formaldehyde-based technologies and applications. Bakelite Synthetics is an active participant in the American Chemistry Council (ACC) Formaldehyde Panel/Consortium. We have over 45 years of formaldehyde manufacturing experience. Alongside

industry groups like the ACC, we will continue to develop best practices to ensure the safe manufacture and use of formaldehyde.

Bakelite Synthetics also maintains a Research & Development function anchored

by a dedicated and experienced team of scientists. Our central R&D facility also has advanced analytical capability that stands ready to support our formaldehyde-based products.



Next Generation Synthetics



Learn more about the vision, products and history of bakelite on our website

[bakelite.com](https://www.bakelite.com)

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