

biobased today



NEW PROGRESS IN SOY-BASED TECHNOLOGY

brought to you by the United Soybean Board and the Soybean Checkoff

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2009 Soy Products Guide

It's no secret that soy is used in more products every year. The United Soybean Board (USB) and the soybean checkoff support research of soy-based products and have compiled a resource with information about soy products and companies that make them – the *Soy Products Guide*. The new, updated *2009 Soy Products Guide* is packed full of new soy technology and currently available online and in print. To view the guide online, request a print copy or add your company to the guide, visit www.soynewuses.org.

Soy Keeps It Slippery

With greater environmental regulations, it's time for lubricants to get greener by using soybean oil to replace petroleum in lubricants. To help make this switch to more environmentally friendly lubricants without losing performance, the United Soybean Board (USB) and the soybean checkoff sponsor research to find better varieties of soybeans in hope of discovering new soybean varieties with superior oil traits for both human and industrial utilization. Soy-based lubricants offer many advantages over conventional lubricants such as higher viscosity index, lower evaporation loss and higher lubricity.

A Safer Paint Stripper

To maintain a safe workplace and meet regulations, many companies use soy-based products in their everyday environment. The United Soybean Board (USB) and the soybean checkoff support research on products that help the environment by finding more soy-based alternatives. Methyl soyate is a soy-based solvent that can replace harmful chemicals such as methylene chloride and mineral spirits from paint strippers and graffiti removers. Because they are made with methyl soyate, these solvents are non-ozone depleting and readily biodegradable.

Many Uses for Soy Bioresin

Soy can be used in many products. So it can be impressive when a soy-based product has many uses itself, such as soy-based bioresins. The United Soybean Board (USB) and the soybean checkoff have worked with Cambridge Biopolymers on several projects revolving around soy bioresin. This biobased product is used in applications such as timber boards, laminates, furniture, moldings, glass-fiber insulation, foundry sands and casting materials. Formaldehyde-free bioresin is good news for the environment, and commercially beneficial, as there are fewer emissions abatements. To learn more about soy-based bioresin, visit www.cambridge-biopolymers.com.

To learn more about soy-based products, visit USB's *Soy Products Guide* online at www.soynewuses.org.

USB is made up of 68 farmer-directors who oversee the investments of the soybean checkoff on behalf of all U.S. soybean farmers. Checkoff funds are invested in the areas of animal utilization, human utilization, industrial utilization, industry relations, market access and supply. As stipulated in the Soybean Promotion, Research and Consumer Information Act, USDA's Agricultural Marketing Service has oversight responsibilities for USB and the soybean checkoff.