



Choose

Discover Soy-Based Advantages

Soy is a homegrown, price-competitive alternative to petroleum that is easily accessible and a renewable product material.

Current updates of federal regulations make soy the ideal choice over petroleum. More than 30 product categories are included on the federal register, giving government agencies an expanded variety of soy-based product options.



Create

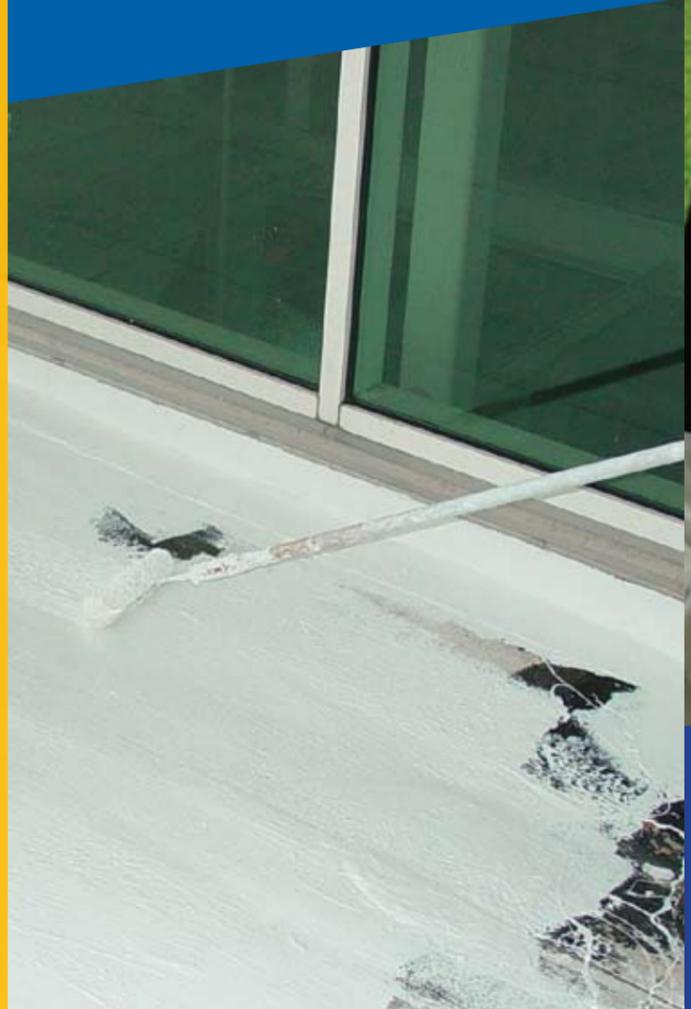
Develop Soy Innovations

Worldwide demand for petroleum resources continues to grow, causing finite supplies of petrochemicals and natural gas to become increasingly cost-prohibitive. Research demonstrates soy has characteristics similar to petroleum and delivers top-quality performance.

Polyurethanes made from soy polyols have been tested and proved to function comparable to petroleum-based counterparts.

Vegetable-oil-lubricant basestocks produce a higher viscosity index, lower evaporation loss and potential to enhance lubricity versus mineral oil basestocks. These low-toxicity lubricants also meet federal regulatory requirements.

Methyl soyate, a methyl ester derived from soybean oil, is a readily available alternative to traditional chlorinated and petroleum solvents. When compared with most commercial solvents, methyl soyate is safer to handle and store. The Environmental Protection Agency (EPA) does not list methyl soyate as an ozone-depleting chemical (ODC), hazardous air pollutant or volatile organic compound.



Soy Delivers Optimal Results

▲ John Deere tractors use soy plastic for machinery panels and hoods.

To learn more, contact:
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The construction industry uses soy-based wood adhesive as an alternative to petroleum products. ▶

Soy-based roof coatings provide increased UV protection and reduced energy costs. ▶

Soy Technology

Explore Soy Potential

Today, soy is an integral ingredient in many commercial products, such as soy plastics and foams, soy inks, building materials and more. Companies like Ford Motor Company and John Deere have introduced soy technology in body panels, seating and a variety of other parts.

The United Soybean Board (USB), composed of 68 volunteer farmer-directors, is committed to funding the research, development and commercialization of new soy-based industrial advancements and solutions.

USB focuses on these soy-based target markets:

- Adhesives
- Coatings and Printing Inks
- Lubricants
- Plastics
- Solvents

◀ The 2008 Ford Mustang seats feature 5 percent soy polyol.

Photo courtesy of the Ford Motor Company.



Read

Learn More About Soy

Visit soynewuses.org to find detailed information about soy-based products. Click on the Soy Products Guide link to review the online catalog of current industrial soy products and ingredients that are commercially available.

The guide is updated each year to include new products and the companies that manufacture them. For more details about how to add your company to the listing, incorporate and test soy in new applications and production processes, or to order a copy of this guide, contact the United Soybean Board at info@unitedsoybean.org.

◀ Spray-on soy-based solvents can be used to clean industrial surfaces as well as residential projects.



Partner with Soy Research

USB partners with academia, government and industry to continue finding new soy-based products and applications. As a result, ongoing research has led to the development and manufacturing of hundreds of biobased products that contain soy – including soy spray foam insulation; plastic composites for cars, boats and agricultural equipment; paint; soy ink; and wood adhesives used in plywood, hardwood and particleboard. The list continues to grow as new soy-based discoveries are tested and proved to be successful.

Visit soynewuses.org to learn more about USB's long-term investment in soy products and technology research.

◀ Soybean oil's clarity gives soy ink bright colors, and soy ink has a longer usage life, allowing considerably more pages to be printed with less ink.