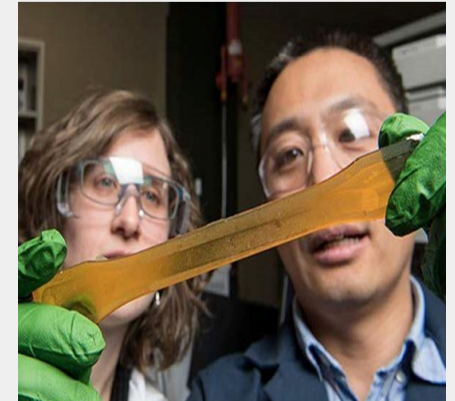


Polaris

Polaris is a non-isocyanate polyurethane (NIPU) for use in foams, coatings and adhesives. The proprietary manufacturing process can eliminate harmful isocyanates and aims at using renewable soybean, linseed and algae oils to avoid petrochemicals. The oils are chemically reacted to form polyols which are reacted with CO2 to create a polymerized resin polyurethane.

The NIPU processing method can be used on petrochemical oils as well. Ingredient disclosure is key. The material will be available within the footwear, apparel and outdoor industries first, and could eventually be applicable to interiors for adhesives, coatings, and flooring.



CATEGORY **MANUFACTURER**

Textile, Biobased Matereal

MATERIAL COMPOSITION*

Biobased Oils (Soybean, Linseed, Algae) with NIPU processing method.

**as reported by the manufacturer*

CERTIFICATIONS & DISCLOSURES

- ~~Health Product Declaration (HPD)~~
- ~~Declare Label~~
- ~~Environmental Product Declaration (EPD)~~
- ~~Safety Data Sheet (SDS)~~
- ~~USDA Certified Biobased Product Label~~
- ~~Other~~

LAST UPDATED

February 09, 2024