

## Frequently Asked Questions

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### Why PolyWhey?

Why is PolyWhey better than other water-based finishes?

PolyWhey has greater durability with a cured hardness that is twice that of the average water-base finish. It also has 25% less VOC content than the standard that most other water-based finishes try to meet. PolyWhey accomplishes this while using a natural, renewable resource as its bonding agent.

What makes PolyWhey™ a Green product?

Our formulations use whey protein as the bonding agent. Whey is a renewable resource and a natural by-product of the dairy industry. This use of a natural product in our professional finishes translates to low VOCs – and better in-door air quality.

What is whey?

Whey is a by-product of the dairy industry, specifically of cheese making.

What does VOC stand for?

VOCs, or Volatile Organic Compounds, evaporate into the air from many substances. These off-gasses contribute to smog production and health problems from inhalation. Petroleum products, like oil-based finish, have harmful levels of these VOCs and are easily identifiable by their noxious smell.

What is the VOC level?

The VOC level for Vermont Natural Coatings' finishes is  $\leq 180\text{g/L}$  (grams per liter). The toughest In-Door Air Quality standard in the United States is California's  $250\text{g/L}$ .

### Application

How fast does it dry?

Under normal conditions and with good ventilation, wood treated will be dry and ready for use in 2 to 3 hours. Allow 1 week for full product cure.

How do I apply it?

For complete instructions please refer to Applications. [PDF]

Does it yellow when exposed to UV light?

No.

How do I prepare a surface for a VNC finish?

If applying to previously finished wood, sand in order to remove old finish before applying new finish. If sanding entire surface is not desired, be sure to sand areas of distress that can cause flaking in order to blend edges. Apply the product directly to the surface or the sealer coatings. [PDF]

Is it possible to have a different level of gloss?

The PolyWhey furniture finish is available in gloss, semi-gloss and satin. Our floor finish is available in semi-gloss and satin. Large volume customers should contact us to request a custom finish.