

# VERMONT NATURAL COATINGS®

## PolyWhey®

*Professional Wood Finish Made Green.™*

*PolyWhey®, a revolutionary, patented technology delivers durable, safe and easy to use paints, stains and finishes that have established the highest performance and environmental standards. PolyWhey uses whey protein- a byproduct of cheese making- as the transformative ingredient.*

### A Better Whey



#### Superior Durability

Premium durability with patented PolyWhey formula



#### Red List Free

No chemicals causing cancer, birth defects, or reproductive harm



#### No California Prop 65 Ingredients

Protects ground and drinking water from toxic chemicals



#### Qualifies for LEED Credits

Complies with VOC laws in all 50 states and Canada



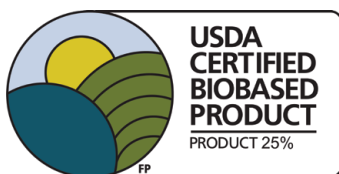
#### Green Innovation

Derived from recycled and renewable whey protein



### PolyWhey® Furniture Finish

Vermont Natural Coatings PolyWhey® Furniture Finish is a grain enhancing finish that's durable and safe enough for application on furniture, trim, toys, cupboards, tables and doors. Can be applied over oil-based stain and finish. PolyWhey® Furniture Finish uses whey protein to seal and protect wood against water and chemicals.



**PolyWhey Furniture Finish is a USDA Certified Biobased Product. By using renewable, bio based materials, we can displace the need for non-renewable petroleum-based chemicals.**

**Vermont Natural Coatings, Inc**

[www.VermontNaturalCoatings.com](http://www.VermontNaturalCoatings.com)

[info@VermontNaturalCoatings.com](mailto:info@VermontNaturalCoatings.com)

(802) 472-8700 Find us on

# VERMONT NATURAL COATINGS®

## PolyWhey®

### FURNITURE FINISH

By using whey protein as a co-binder, PolyWhey leverages a renewable resource to deliver the safest and most durable paints, stains and finishes on the market.

#### RECOMMENDED USES:

For use on furniture, trim, toys, cupboards, tables and doors.



Available in Quart, Gallon,  
and Five Gallon

- High durability proven to protect against chemicals, mar and scratches
- Quick drying
- Neutral odor
- Non-flammable
- Clear finish enhances wood grain without yellowing
- Available in Satin, Semi-Gloss or Gloss



*Durable • Safe • Easy to use*

#### PREPARATION & APPLICATION

**SURFACE PREPARATION:** If applying to previously finished wood, sand surface to remove old coatings before applying new finish. If sanding the entire surface is not desired, sand areas of distress that can cause flaking. This allows blending of edges. Vacuum dust and wipe with a water-dampened cloth.

#### APPLICATION:



1) Stir well prior to use. Apply full strength with brush, paint pad or spray gun (conventional or low-pressure) without thinning. Excessive thinning may result in reduced performance.



2) Test the finish on a sample piece of wood to confirm compatibility and desired appearance. For best results apply in temps between 65F-80F with a relative humidity of 40%-60%. Avoid applying in direct sunlight.



3) Apply thin, even coats taking care to prevent the finish from forming puddles. Overlap brush/spray gun strokes and always maintain a wet edge.



4) Finish will dry in two hours under normal conditions. High humidity or low temperature may lengthen dry time.



5) Sand lightly after first coat with very fine sandpaper (220 grit or finer) and remove dust with a water-dampened cloth and Vermont Natural Coatings Wood Cleaner.



6) After second coat sand only if 24 hours have passed since the previous coat was applied. Sanding, vacuuming and cleaning between coats will aid adhesion and create a smoother surface.

7) Apply 3 coats for optimum performance.

#### TECHNICAL DATA

<i>Color in Container</i>	Milky White
<i>Clarity (Dry)</i>	Crystal Clear
<i>Chemical Resistance</i>	No visual defects
<i>VOC</i>	Coating: ≤176g/L (wet) Material: ≤56g/L (dry)
<i>Flash Point</i>	None
<i>Freeze/Thaw Stability</i>	Do not freeze
<i>Pot Life</i>	12 months from date of manufacture
<i>Dry Time</i>	1-2 hours under normal conditions
<i>Clean Up</i>	Soap and hot water
<i>Odor</i>	Neutral
<i>Maximum Cure</i>	One week
<i>Coverage</i>	500-600 sq. ft. per gallon

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For project ideas and testimonials visit: [www.vermontnaturalcoatings.com](http://www.vermontnaturalcoatings.com)