



## Chemical Strategy

At The Home Depot®, we recognize the responsibility we have for the environmental impact of our organization, and that our biggest impact is the products we sell. In partnership with stakeholders throughout the supply chain, The Home Depot is committed to offering products that are safer for the environment.

With our encouragement, our suppliers have been investing in developing environmentally innovative products. The Home Depot supports the work of the Green Chemistry & Commerce Council (GC3) through annual membership and participation in the Retail Leadership Council of the GC3, and we participated in developing the GC3's Joint Statement on using Green Chemistry and Safer Alternatives to Advance Sustainable Products. We and our suppliers also partner with respected third-party certification organizations and environmental non-profits that guide the home improvement industry toward safer chemical ingredient use. The Home Depot is committed to continuing the drive toward minimizing the environmental impact of the products we sell.

### Our Commitment

- The Home Depot is committed to increasing our assortment of products that have transparency of product ingredients and third-party certification of chemical ingredients, and that meet high environmental standards.
- The Home Depot works with suppliers in efforts to improve chemicals in categories with the greatest potential impact on indoor air quality.
- We will conduct periodic assessments of key categories to track progress on environmental innovations in green chemistry.

The Home Depot will evaluate this strategy annually to ensure our approach, goals and disclosure are appropriate and meet the needs of our stakeholders.

## PAINTS

As a result of our paint suppliers' efforts over the last 10 years to evolve their paints and offer products that help maintain healthier air quality, the paints we sell have significantly improved. The following chemicals of concern are excluded from our interior and exterior latex water-based wall paints in our U.S. and Canada stores:

- Triclosan
- Isocyanates
- Formaldehyde
- Lead / Heavy Metals
- Alkylphenol ethoxylates and Nonylphenol ethoxylates by 2019 (APEOs and NPEs have been eliminated from most formulas and are in the process of being phased out of the remaining formulas for elimination by December 2019.)

**CERTIFICATIONS:** In our U.S. stores, all Behr® interior paints, Glidden® Premium and Glidden Diamond, and PPG® Timeless interior paints are GREENGUARD® Gold certified. All BehrPro® interior paints and Behr Primers are MPI X-Green certified.

**PAINT TINTING COLORANTS:** In 2012, we transitioned our paint tinting colorants in our U.S. and Canada stores from solvent-based formulation to a water-based, low-VOC and ethylene-glycol-free formulation.

**VOLATILE ORGANIC COMPOUNDS:** All our interior and exterior latex water-based wall paints in our U.S. stores are zero or low VOC. The majority of interior and exterior latex water-based wall paints in our Canada stores are zero or low VOC, and our full assortment will be zero or low VOC by December 2020.

Our current U.S. and Canada zero and low VOC paints are outlined here:

VOC VALUE <5g/L = zero VOC	VOC VALUE <50 g/L = LOW VOC	
BEHR Premium Plus Interior	BEHR Premium Plus Exterior	Glidden Premium Exterior
BEHRPro i300 Interior	BEHR Premium Plus Ultra Interior	Glidden Essentials Interior
Glidden Premium Interior	BEHR Premium Plus Ultra Exterior	Glidden Ceiling Paint
Glidden Diamond Interior	BEHR MARQUEE Interior	Glidden Professional Speedwall
CIL Premium Interior (Canada)	BEHR MARQUEE Exterior	Glidden Professional Ultra-Hide 220
	BEHRPro i100 Interior	Glidden Professional Ultra-Hide 440
	BEHR Premium Plus Ceiling Paint	Glidden Speed-Cote Exterior
	BEHR Premium Plus Ultra Ceiling Paint	Glidden Vinyl Renew Exterior
	BEHR MARQUEE Ceiling Paint	PPG Timeless Interior
	CIL DUO Interior (Canada)	PPG Timeless Exterior

\*Colorants added to base paints may increase VOC level depending on color choice.

## **PAINT REMOVERS**

Removing paints and varnishes safely and efficiently is an important step in many home improvement painting and staining projects. Methylene chloride has historically been the most effective product option in this category. The Home Depot® is committed to working with suppliers and the EPA to identify alternatives with comparable efficacy that do not pose risks to human and environmental health. Meanwhile, we offer several alternatives to methylene chloride based removers.

## **FLOORING**

### CARPET

Carpet manufacturers are some of the leading drivers of change to the built environment's chemical impact. The Home Depot carpet suppliers have been at the forefront of the industry-wide removal of chemicals of concern and the exploration of safer alternatives. All indoor wall-to-wall carpet sold through The Home Depot U.S. and Canada has a third-party verification of transparency through DECLARE® Label or Environmental Product Declarations (EPDs), or certification of material health through Cradle to Cradle™ Products Innovation Institute or CRI Green Label Plus®. The following chemicals of concern are excluded from indoor wall-to-wall carpet in our U.S. and Canada stores:

- Perfluorooctanoic acid (PFOA) or perfluorooctane sulfonate (PFOS)
- Triclosan
- Organotins
- Ortho-phthalates
- Vinyl Chloride
- Nonylphenol ethoxylates (NPEs)
- Coal Fly Ash
- Formaldehyde
- Added heavy metals

### VINYL

The Home Depot vinyl flooring suppliers are setting the pace for change in this category with efforts to continually improve the chemical profile of their products. As of January 2016, no ortho-phthalates are permitted as added plasticizers in vinyl flooring sold at The Home Depot in the U.S. and Canada.

### LAMINATE FLOORING

Laminate flooring at The Home Depot is verified by either GREENGUARD® Gold or FloorScore® certification to contain 0.0073 ppm or less of formaldehyde, which is a stricter standard than CARB 2 of 0.05 ppm.

## **INSULATION**

Our fiberglass insulation suppliers have persistently challenged themselves to remove chemicals of concern from their products over the last decade. As a result, 100% of our fiberglass insulation products in the U.S. and Canada are GREENGUARD® Gold certified and do not contain the following chemicals of concern:

- Brominated flame retardants
- Halogenated flame retardants
- Antimony trioxide
- Formaldehyde
- Added heavy metals

## **CLEANING**

When choosing a household cleaner, soap, or laundry detergent, consumers should not have to trade performance for products that have less of an environmental impact. Home Depot® environmentally preferred cleaners in our Eco Options® program have obtained certifications from independent third party testers. These certifications validate claims that products are non-toxic, biodegradable, plant-based, not tested on animals, or do not contain harmful chemicals; and they are important in helping customers choose products that meet their environmental standards. The third-party certifications in our program include EPA's Safer Choice, Cradle to Cradle Certified™, USDA Certified Biobased, SCS Global Services™ Eco Options standard, and Leaping Bunny™ Certification

## **GARDENING**

Organic gardening has grown from niche to mainstream, and Home Depot® has expanded its organic gardening products to offer multiple brands of soils, fertilizers, and weed and pest control products to meet our customers' changing needs. In 2016 we launched local, organic vegetables and herbs. We expanded the program in 2017 to half our U.S. stores, and have committed to provide these organics in all our U.S. stores by spring 2018.