

# Floor Finishes

Standard: GS-40 Edition 2.5



## WHAT GREEN SEAL CERTIFIES

Green Seal’s leadership standard means a floor finish product is verified as safer for human health and the environment than similar products while delivering uncompromising performance.

## PERFORMANCE OF GREEN



Green Seal-certified products must demonstrate an effective level of performance via an objective, scientifically validated method. Products must meet performance thresholds following approved ASTM methods for slip resistance, removability, and soil and detergent resistance.

## SCIENCE OF GREEN – HEALTH



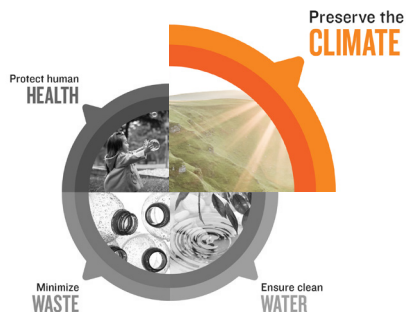
### RESTRICTIONS TO PREVENT ADVERSE HEALTH EFFECTS

Acute Toxicity (Oral)	LD50 > 2,000 mg/kg
Acute Toxicity (Inhalation)	LC50 > 20 mg/L
Skin and Eye Damage	pH of > 2.0 but less than 11.5; Must not be corrosive to skin or eyes
Skin Sensitization	Must not be a skin sensitizer
Ozone Depleting Compounds	Cannot be intentionally added at any level
Volatile Organic Compounds	VOC Content < level specified in CARB
Carcinogens	Prohibited above 100ppm
Mutagens	Prohibited above 100ppm
Reproductive Toxins	Prohibited above 100ppm
Alkylphenol Ethoxylates	Prohibited above 100ppm
Phthalates	Prohibited above 100ppm and must not be intentionally added to packaging
Bisphenol A	Must not be intentionally added to primary packaging
Chlorinated Materials	Must not be intentionally added to primary packaging
Chromium	Prohibited above 100ppm and must not be intentionally added to packaging
Lead	Prohibited above 100ppm and must not be intentionally added to packaging
Mercury	Prohibited above 100ppm and must not be intentionally added to packaging
Cadmium	Prohibited above 100ppm and must not be intentionally added to packaging
Arsenic	Prohibited above 100ppm
Cobalt	Prohibited above 100ppm
Nickel	Prohibited above 100ppm
Selenium	Prohibited above 100ppm
Zinc	Prohibited above 100ppm

Green Seal® is a global non-profit whose certification mark is a universal symbol that a product or service meets the highest benchmark of health and environmental leadership.

Learn more about our environmental leadership standards and 30,000+ certified products and services at [GreenSeal.org](https://www.GreenSeal.org).

## SCIENCE OF GREEN – ENVIRONMENT



### CRITERIA THAT HELP PRESERVE THE CLIMATE

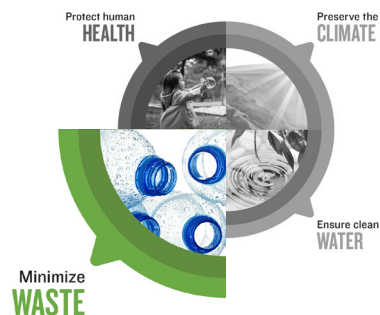
Many of the standards for human health, minimizing waste, and ensuring clean water also help preserve the climate:

- Content limits on volatile organic compounds (VOCs)
- Limit on phosphorus
- Prohibition on ozone depleting compounds
- Reduced / recycled packaging



### RESTRICTIONS TO PREVENT ADVERSE ENVIRONMENTAL EFFECTS

Acute Toxicity to Aquatic Life	LC50 > 100mg/L for algae, daphnia, or fish
Aquatic Biodegradability	Each organic ingredient must readily biodegrade
Eutrophication	Sum of total phosphorus restricted to < 0.5%
Optical Brighteners	Prohibited above 100ppm



### RESTRICTIONS TO PREVENT WASTE

Primary Packaging	Must be either source-reduced, recyclable, contain at least 25% post-consumer material, or be a refillable package with an effective take-back program
Non-plastic Packaging	Primary package must contain at least 25% post-consumer material, or be recyclable
Use Labeling	Must have detailed instructions for proper use to minimize waste
Recycling Labeling	Plastic packages must be marked with the appropriate Resin Identification Code and have clear instructions for disposal

## A GREEN YOU CAN TRUST

All Green Seal certified products must meet industry best practices for Quality and Safety.



Combustibility



Fragrances



Animal Testing



Proper Use Training



Labeling



Safety Data Sheets

Our standards are referenced by the leading green building certification programs.



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