

Paints and Coatings

Standard: GS-11 Edition 4.0

Issue Date: August 2021



WHAT GREEN SEAL CERTIFIES

Green Seal's leadership standard means a paint, coating, stain, or sealer is verified as safer for human health and the environment compared to similar products while delivering uncompromising performance.

PERFORMANCE OF GREEN



All Green Seal certified products must demonstrate functional performance via an objective, scientifically validated method under controlled and reproducible laboratory conditions. Paints, coatings, stains, and sealers must meet ASTM standards in relevant areas such as adhesion, applicability, scrubability, and washability.

SCIENCE OF GREEN – HEALTH



RESTRICTIONS TO PREVENT ADVERSE HEALTH EFFECTS

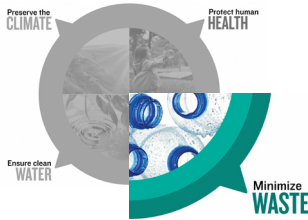
Volatile Organic Compounds	Restricted to content level specified by CARB SCM 2007 for product type
Volatile Organic Compounds Emissions Testing	Product must undergo environmental chamber test and meet emissions limits for 35 target VOCs
Volatile Aromatic Hydrocarbons	< 0.5% by weight
Hazardous Air Pollutants	Prohibited above 100ppm
Ozone-depleting Compounds	Prohibited above 100ppm
Carcinogens	Prohibited above 100ppm
Mutagens	Prohibited above 100ppm
Reproductive Toxins	Prohibited above 100ppm
Alkylphenol Ethoxylates	Prohibited above 100ppm
Formaldehyde Donors	Prohibited above 100ppm
Halogenated Solvents	Prohibited above 100ppm
1,2 Dichlorobenzene	Prohibited above 100ppm
Di (2-ethylhexyl) phthalate	Prohibited above 100ppm
Butyl benzyl phthalate	Prohibited above 100ppm
Di-n-butyl phthalate	Prohibited above 100ppm
Di-n-octyl phthalate	Prohibited above 100ppm
Diethyl phthalate	Prohibited above 100ppm
Dimethyl phthalate	Prohibited above 100ppm
Triphenyl tins and tributyl tins	Prohibited above 100ppm
Triclosan	Prohibited above 100ppm
Methylene chloride	Cannot be intentionally added at any level
Perchloroethylene	Cannot be intentionally added at any level
Phthalates	Must not be intentionally added to primary packaging
Antimony	Prohibited above 100ppm
Hexavalent 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

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.

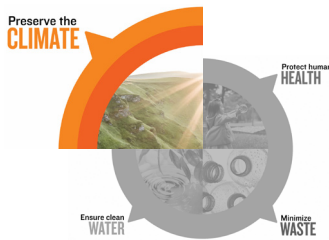
Learn more about our environmental leadership standards and 30,000+ certified products and services at [GreenSeal.org](https://www.GreenSeal.org).



SCIENCE OF GREEN – ENVIRONMENT



RESTRICTIONS TO PREVENT WASTE	
Packaging	Must either contain a minimum of 20% recovered material, be recyclable as part of a take-back program, or source-reduced
Label	Must provide instructions for appropriate purchasing and proper use to minimize waste
End-of-Life Management	Manufacturer must provide information to consumers on proper disposal, recycling opportunities for leftover product and packaging, and if offered, a take-back program.



CRITERIA THAT HELP PRESERVE THE CLIMATE	
Many of the standards for human health, minimizing waste and ensuring clean water also help preserve the climate:	
<ul style="list-style-type: none"> • Content limits on volatile organic compounds (VOCs) • Prohibition on ozone-depleting compounds • Prohibition on halogenated solvents • Reduced / Recycled packaging 	

A GREEN YOU CAN TRUST

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

Proper Use Training

Labelling

Safety Data Sheets

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



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