



Manufacturer’s Inventory for H&C® Shield-Crete® Water-Based Epoxy Garage Floor:

This shall serve as the Manufacturer’s Declaration of the Chemical Inventory for the LEED Material Ingredient Reporting credit for the H&C® Shield-Crete® Water-Based Epoxy Garage Floor, manufactured by The Sherwin-Williams Company.

For more information about Sherwin-Williams, please visit: www.sherwin-williams.com. Or, for more information about the product, please consult its Product Data Sheet available at www.hcconcrete.com.

Description of the H&C® Shield-Crete® Water-Based Epoxy Garage Floor product line:

H&C® Shield-Crete® Water-Based Epoxy Garage Floor Coating system delivers durable, high-gloss color that stands up to life in the garage. This two-part epoxy penetrates deeply into concrete, creating a hard, durable surface that resists peeling and hot tire pickup for long-lasting beauty. This is a catalyzed product that must be mixed prior to use. The mix ratio is 1 gallon of Part A to 1 quart of Part B (4:1). Deco flakes are also an option for this flooring system. For information on other attributes of each of the specific formulations, please visit www.hcconcrete.com.

Product ID Information

Kit SKU # (Part A + Part B)	Product ID for MI	Product Numbers Included	Product Info
20.113000-99	20.113000	21.104100	Part A – Extra White Tint Base
20.114000-99	20.114000	21.104200	Part A – Deep Tiny Base
20.115000-99	20.115000	21.104300	Part A – Ultra Deep Base
20.117000-99	20.117000	21.104500	Part A - Clear
20.117006-99*			
20.116000-99	20.116000	21.104400	Part A – Concrete Gray
20.116006-99*			
-	21.104600	21.104600	Part B - Hardener

*Canadian product codes

Optional Deco Flake Information

SKU #	Product ID for MI	Product Info
20.105100-99	20.105100	Blue Chip Creek Deco-Flakes
20.105200-99	20.105200	Salt & Pepper Deco-Flakes
20.105300-99	20.105300	Earthy Mosaic Deco-Flakes
20.105400-99	20.105400	Pebble Beach Deco-Flakes

The products and the corresponding US GHS Classifications for its specific formulation can be found below for Part A, Part B, and the optional deco-flakes.



Product Name	Part	Product ID	US GHS Product Classification
H&C® Shield-Crete® Water-Based Epoxy Garage Floor	Part A	20.113000	CARCINOGENICITY - Category 2
		20.114000	SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A
		20.116000	SKIN SENSITIZATION - Category 1
	Part B	20.115000	SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A
		20.117000	SKIN SENSITIZATION - Category 1
		21.104600	SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A
			SKIN CORROSION/IRRITATION - Category 2
		SKIN SENSITIZATION - Category 1	

Product Name	Part	Product ID	US GHS Product Classification
H&C® Shield-Crete® Water-Based Epoxy Garage Floor	OPTIONAL Decoflakes	20.105100	CARCINOGENICITY - Category 2
		20.105200	
		20.105300	
		20.105400	

Description of the Manufacturer’s Inventory Assessment:

In this assessment, we have disclosed the chemical content of all ingredients present at >1000 ppm (0.1%) in this product line base formulation, the respective GHS hazards associated with these chemicals, and their function/role. This inventory does not include colorants. In order to protect our confidential business information, specific quantities and CAS numbers are not reported for all chemicals. Additionally, chemicals with the same role have, in some cases, been aggregated into one line item.

When reviewing this document, it is important to consider that the potential hazards of the raw materials may not be relevant in the final, post-reacted product given that materials will often transform, be encapsulated, etc. As such, the information in this document shall not be utilized to make claims regarding product safety and/or to predict risk to end-users.

Information contained in this declaration has been verified by NSF as complying with LEED v4.1 Material Ingredient Reporting – Manufacturer Inventory criteria. Documents containing formula information were provided to NSF that represented each product line so that NSF could ensure accuracy throughout their review. These documents were exclusively shared with NSF to ensure business confidentiality. This information will be updated as necessary as reformulations or changes to GHS classifications occur. Additionally, this document will be internally audited by Sherwin-Williams annually to ensure correctness.

Any questions on this declaration should be sent to sustainability@sherwin.com.



Raw Material Composition for H&C® Shield-Crete® Water-Based Epoxy Garage Floor Part A and B (as mixed 4:1):

Material/Role	Content Range	GHS Classification(s)
Water CAS#: 7732-18-5	50% - 65%	Not classified.
Epoxy Resin CAS#: 69761-19-9	20% - 30%	SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A SKIN SENSITIZATION - Category 1A
Titanium Dioxide CAS#: 13463-67-7	0% - 20%	CARCINOGENICITY - Category 2
Resins	5% - 15%	Not classified.
Extenders	0% - 10%	Not classified.
Surfactants	0% - 5%	SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 1 Not classified.
Additives	<1%	OXIDIZING SOLIDS - Category 3 ACUTE TOXICITY (oral) - Category 3 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2B Not classified.
Poly(oxypropylene)diamine CAS#: 9046-10-0	<1%	SKIN CORROSION/IRRITATION - Category 1 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 1
Thickeners	<1%	COMBUSTIBLE DUSTS
Carbon Black CAS#: 1333-86-4	<1%	CARCINOGENICITY - Category 2
Pigment	<1%	Not classified.

Raw Material Composition for H&C® Shield-Crete® Water-Based Epoxy Garage Floor Optional Deco-flakes:

Material/Role	Content Range	GHS Classification(s)
Barium Sulfate CAS#: 7727-43-7	60% - 75%	Not classified.
Resin	15% - 25%	Not classified.
Titanium Dioxide CAS#: 13463-67-7	0% - 10%	CARCINOGENICITY - Category 2
Carbon Black CAS#: 1333-86-4	<5%	CARCINOGENICITY - Category 2

The information contained in this material ingredient disclosure is accurate to the best of Sherwin-Williams' knowledge at the time of writing based on the information provided to us by our raw material suppliers.

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Contact: sustainability@sherwin.com

Expires 1/15/2027 or upon issuance of a newer form