



Manufacturer’s Inventory for H&C® 2K Water-Based Polyurethane:

This shall serve as the Manufacturer’s Declaration of the Chemical Inventory for the LEED Material Ingredient Reporting credit for the H&C® 2K Water-Based Polyurethane, 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® 2K Water-Based Polyurethane product line:

The H&C® 2K Water-Based Polyurethane is designed for use on interior concrete floor applications that demand a tough, durable, and aesthetically pleasing finish. 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 (12:1). For information on other attributes of each of the specific formulations, please visit www.hcconcrete.com.

Product ID Information

Part	Product ID for MI	Product Numbers Included	Container Size
Part A - Satin	50.11745A	50.11745A-16	1 Gallon
Part B	50.11745B	50.11745B-44	1 Quart
Part A - Gloss	50.11755A	50.11755A-16	1 Gallon
Part B	50.11755B	50.11755B-44	1 Quart

*Part Bs are the same product. They are sold as kit so are assigned two different codes.

The products and the corresponding US GHS Classifications for its specific formulation can be found below.

Product Name	Part	Product ID	US GHS Product Classification
H&C® 2K Water-Based Polyurethane - Satin	Part A	50.11745A	FLAMMABLE LIQUIDS - Category 4
			SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 2
			SKIN SENSITIZATION - Category 1
H&C® 2K Water-Based Polyurethane - Gloss	Part A	50.11755A	FLAMMABLE LIQUIDS - Category 4
			SKIN SENSITIZATION - Category 1
H&C® 2K Water-Based Polyurethane - Hardener	Part B	50.11745B 50.11755B	ACUTE TOXICITY (inhalation) - Category 4
			SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A
			RESPIRATORY SENSITIZATION - Category 1
			SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3
			SKIN CORROSION/IRRITATION - Category 2
SKIN SENSITIZATION - Category 1			



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® 2K Water-Based Polyurethane (as mixed 12:1):

Material/Role	Content Range	GHS Classification(s)
Water CAS#: 7732-18-5	50% - 60%	Not classified.
Resins	24% - 32%	Not classified.
Hexamethylene Diisocyanate Polymer CAS#: 28182-81-2	5% - 10%	ACUTE TOXICITY (inhalation) - Category 4
		SKIN CORROSION/IRRITATION - Category 2
		SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A
		SKIN SENSITIZATION - Category 1
		SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3
Hexanedioic acid, polymer with 2-oxiranylmethyl neodecanoate CAS#: 716336-43-5	1%-9%	SKIN SENSITIZATION - Category 1
Triethanolamine CAS#: 102-71-6	1% - 5%	Not classified.
Hexamethylene Diisocyanate Polymer CAS#: 28182-81-2	0% - 3%	ACUTE TOXICITY (inhalation) - Category 3
		SKIN CORROSION/IRRITATION - Category 2
		SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A
		SKIN SENSITIZATION - Category 1

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		SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3
Solvents	0% - 3%	FLAMMABLE LIQUIDS - Category 2
		SKIN CORROSION/IRRITATION - Category 2
		SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A
		ACUTE TOXICITY (oral) - Category 4
		ACUTE TOXICITY (inhalation) - Category 3
		SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) (Narcotic effects) - Category 3
		SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 2
		Not classified.
Ethylene Glycol CAS# 107-21-1	0% - 2%	ACUTE TOXICITY (oral) - Category 4
		SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A
		SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) (Narcotic effects) - Category 3
		SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 2
Additives	<1%	ACUTE TOXICITY (oral) - Category 4
		CORROSION/IRRITATION - Category 2
		SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 1
		Not classified.
Blocked Polyisocyanate CAS#: 666723-27-9	<1%	ACUTE TOXICITY (inhalation) - Category 4
		SKIN SENSITIZATION - Category 1
		SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3
Extenders	<1%	Not classified.

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.

Andrew Bottoni
Vice President- Marketing
sustainability@sherwin.com

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