

Name **Coco Tile - Java**



Product ID
Website **www.kireiusa.com**

Classification

Manufacturer **Kirei USA**
Address **412 N Cedros Ave.
Solana Beach , CA 92075**

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Title **President**
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Description **Bring a bit of the island life to modern design with Kirei Coco Tiles, manufactured using reclaimed coconut shell and low- or zero-VOC adhesives and finishes. Easy to install, Kirei Coco Tiles are great for wall covering, furniture and interior design feature elements.**

Release Date **2015-03-19**
Expiry Date **2018-03-19**
HPD URL **<https://tool.hpdcollaborative.org/uploads/files/hpds/444/2908-20150319133104.pdf>**

Self-declared
 Second Party **Certifier**
 Third Party **Certificate #**

SUMMARY DISCLOSURE

The content of this product was assessed for health hazard warnings as required using Pharos

Residuals Disclosure

- Measured 100 ppm (ideal)
- Measured 1000 ppm
- Predicted by process chemistry
- As per MSDS (1,000 & 10,000 ppm)
- Not disclosed
- Other

Full Disclosure of Intentional Ingredients

Yes No

Full Disclosure of Known Hazards

Yes No

Disclosure Notes

More information on this will be added as it becomes available.

Contents in Descending Order of Quantity

Coconut fiber , ETHYLENE VINYL ACETATE POLYMER (EVA) , NITROCELLULOSE , Ethylene glycol monobutyl ether (EGBE) , TOLUENE , POLY(VINYL ALCOHOL) , Undisclosed (dispersing agent) , Undisclosed (leveling agent) , Undisclosed (dispersing agent) , Undisclosed (Plasticizer) , Undisclosed (alkyd resin) , Undisclosed (defoamer) , ISOBUTYL ALCOHOL , BUTYL ACETATE , Xylenes , Ethylene glycol monobutyl ether (EGBE) , N-BUTANOL , SILICA, AMORPHOUS , VINYL ACETATE , 1,1-DIMETHYLETHYL HYDROPEROXIDE

Hazards

- PBT (Persistent Bioaccumulative Toxic)
- Cancer
- Gene Mutation
- Development
- Reproductive
- Endocrine
- Respiratory

Highest concern GreenScreen score - Benchmark 1

- Neurotoxicity
- Mammal
- Skin or Eye
- Aquatic toxicity
- Land toxicity
- Physical hazard
- Global warming
- Ozone depletion
- Multiple
- Unknown

Total VOC Content

Material (g/L) **N/A**
Regulatory (g/L) **N/A**

Does the product contain exempt VOCs?

N/A Yes No

Are there VOC-free tints available?

N/A Yes No

Notes

Certifications + Compliance

VOC Emissions **Not tested**

VOC Content **N/A**

The HPD Standard is solely a declaration of product content and direct health hazards associated with exposure to its individual contents. It is not a full assessment of environmental impacts from the life cycle of this product. It is not an assessment of risks associated with actual use of the product. It does not address the potential health impacts of substances used or created during manufacture that do not appear in the final product as residuals, nor substances created during combustion or other degradation processes.

This Health Product Declaration was generated following the requirements of the noted Standard version and is valid for a total of three years after date of issue or three months after a substantive change of product contents occurs. Users should verify that this Health Product Declaration is compliant with the most current version of the HPD Standard. Accuracy of claims made in this Health Product Declaration is the sole responsibility of the listed manufacturer and certifier (if applicable). The HPD Collaborative does not warrant any claim made herein, explicit or implicit. The HPD Standard is an “open standard” developed and managed by the HPD Collaborative, a nonprofit organization. For more information, visit hpdcollaborative.org.

CONTENT IN DESCENDING ORDER OF QUANTITY

All ingredients must be assessed for health warnings against Priority Hazard Lists, regardless of disclosure level. Priority Hazard Lists and information on the GreenScreen Benchmarks can be found at www.hpdcollaborative.org/hazardlists.

GS: GreenScreen Benchmark; **RC:** Recycled Content, **PC:** Post Consumer, **PI:** Post Industrial (Pre-consumer), **BO:** Both; **Nano:** comprised of nanoscale particles or nanotechnology

Name	CAS RN	% weight	GS	RC	Nano	Role
Hazard A	Warning A					
Hazard B	Warning B					
Hazard C	Warning C					
Hazard D	Warning D					
Hazard E	Warning E					
Notes						
Coconut fiber		80 - 95 %		PI	U	Tile
None found	No warnings found on HPD Priority lists					
The coconut shells used are agricultural waste. The percentage range is due to the other ingredients, mesh backing, adhesive, and finish (on two styles).						
ETHYLENE VINYL ACETATE POLYMER (EVA)	24937-78-8	4 - 10 %	LT-U	U	U	This ingredient is part of Inwood 365 PW/FB glue, that holds the coconut mosaics together to create a tile.
None found	No warnings found on HPD Priority lists					
NITROCELLULOSE	9004-70-0	1 - 3 %	LT-U	U	U	This ingredient is part of PT Wamatama Cemerlang NC Sanding Sealer, NLS-800-ST Undercoat. Also ingredient in PT Wamatama Cemerlang NC Clear G 20, NTC-0920-00 Top Coat.
None found	No warnings found on HPD Priority lists					
Ethylene glycol monobutyl ether (EGBE)	111-76-2	1 - 3 %	LT-U	U	U	This ingredient is part of PT Wamatama Cemerlang NC Sanding Sealer, NLS-800-ST Undercoat.
CANCER	MAK: Carcinogen Group 4 - Non genotoxic carcinogen with low risk under MAK/BAT levels					
MAMMALIAN	EU R-Phrases: R22: Harmful if swallowed.					
EYE IRRITATION	EU R-Phrases: R36: Irritating to eyes. (also in EU H-Statements)					

SKIN IRRITATION	EU R-Phrases: R38: Irritating to skin. (also in EU H-Statements)					
TOLUENE	108-88-3	0.5 - 2 %	1	PI	U	This ingredient is part of PT Warnatama Cemerlang NC Sanding Sealer, NLS-800-ST Undercoat. Also ingredient in PT Warnatama Cemerlang NC Clear G 20, NTC-0920-00 Top Coat.
DEVELOPMENTAL	Prop 65: Developmental toxicity (also in G&L Neuro, EU R-Phrases, EU H-Statements)					
REPRODUCTIVE	Prop 65: Female reproductive toxicity					
ENDOCRINE	TEDX: Potential Endocrine Disruptor					
MAMMALIAN	EU R-Phrases: R20: Harmful by inhalation. (also in EU H-Statements)					
SKIN IRRITATION	EU R-Phrases: R38: Irritating to skin. (also in EU H-Statements)					
ORGAN TOXICANT	EU R-Phrases: R48: Danger of serious damage to health by prolonged exposure.					
FLAMMABLE	EU H-Statements: H225 Highly flammable liquid and vapour.					
MULTIPLE	VwVwS: Class 2 Hazard to Waters					
POLY(VINYL ALCOHOL)	9002-89-5	0.5 - 2 %	LT-U	U	U	This ingredient is part of Inwood 365 PW/FB glue, that holds the coconut mosaics together to create a tile.
None found	No warnings found on HPD Priority lists					
Undisclosed (dispersing agent)	Unknown	0.5 - 1 %		U	U	Ingredient in PT Warnatama Cemerlang NC Clear G 20, NTC-0920-00 Top Coat.
Unknown	Not disclosed					
As listed on MSDS.						
Undisclosed (leveling agent)	Unknown	0.5 - 1 %		U	U	This ingredient is part of PT Warnatama Cemerlang NC Sanding Sealer, NLS-800-ST Undercoat. Also ingredient in PT Warnatama Cemerlang NC Clear G 20, NTC-0920-00 Top Coat.
Unknown	Not disclosed					
As listed in MSDS.						
Undisclosed (dispersing agent)	Unknown	0.5 - 1 %		U	U	Ingredient in PT Warnatama Cemerlang NC Clear G 20, NTC-0920-00 Top Coat.
Unknown	Not disclosed					
As listed on MSDS.						
Undisclosed (Plasticizer)	Unknown	0.5 - 1 %		U	U	Ingredient in PT Warnatama Cemerlang NC Clear G 20, NTC-0920-00 Top Coat.
Unknown	Not disclosed					
As listed in MSDS.						
Undisclosed (alkyd resin)	Unknown	0.5 - 1 %		U	U	This ingredient is part of PT Warnatama Cemerlang NC Sanding Sealer, NLS-800-ST Undercoat. Also ingredient in PT Warnatama Cemerlang NC Clear G 20, NTC-0920-00 Top Coat.

Unknown	Not disclosed					
6318-69-6 CAS						
Undisclosed (defoamer)	Unknown	0.5 - 1 %		U	U	Ingredient in PT Warnatama Cemerlang NC Clear G 20, NTC-0920-00 Top Coat.
Unknown	Not disclosed					
As listed on MSDS.						
ISOBUTYL ALCOHOL	78-83-1	0.5 - 1 %	LT-U	U	U	This ingredient is part of Inwood 365 PW/FB glue, that holds the coconut mosaics together to create a tile.
EYE IRRITATION	EU H-Statements: H318 Causes serious eye damage (also in EU R-Phrases)					
SKIN IRRITATION	EU R-Phrases: R38: Irritating to skin. (also in EU H-Statements)					
BUTYL ACETATE	123-86-4	0.5 - 1 %	LT-U	U	U	This ingredient is part of PT Warnatama Cemerlang NC Sanding Sealer, NLS-800-ST Undercoat. Also ingredient in PT Warnatama Cemerlang NC Clear G 20, NTC-0920-00 Top Coat.
None found	No warnings found on HPD Priority lists					
Xylenes	1330-20-7	0.5 - 1 %	LT-P1	U	U	This ingredient is part of PT Warnatama Cemerlang NC Sanding Sealer, NLS-800-ST Undercoat.
ENDOCRINE	TEDX: Potential Endocrine Disruptor					
MAMMALIAN	EU R-Phrases: R21: Harmful in contact with skin.					
SKIN IRRITATION	EU R-Phrases: R38: Irritating to skin. (also in EU H-Statements)					
MULTIPLE	VwVwS: Class 2 Hazard to Waters					
Ethylene glycol monobutyl ether (EGBE)	111-76-2	0.5 - 1 %	LT-U	N	U	Ingredient in PT Warnatama Cemerlang NC Clear G 20, NTC-0920-00 Top Coat.
CANCER	MAK: Carcinogen Group 4 - Non genotoxic carcinogen with low risk under MAK/BAT levels					
MAMMALIAN	EU R-Phrases: R22: Harmful if swallowed.					
EYE IRRITATION	EU R-Phrases: R36: Irritating to eyes. (also in EU H-Statements)					
SKIN IRRITATION	EU R-Phrases: R38: Irritating to skin. (also in EU H-Statements)					
N-BUTANOL	71-36-3	0.5 - 1 %	LT-U	U	U	Ingredient in PT Warnatama Cemerlang NC Clear G 20, NTC-0920-00 Top Coat.
MAMMALIAN	EU R-Phrases: R22: Harmful if swallowed.					
EYE IRRITATION	EU H-Statements: H318 Causes serious eye damage (also in EU R-Phrases)					
SKIN IRRITATION	EU R-Phrases: R38: Irritating to skin. (also in EU H-Statements)					
SILICA, AMORPHOUS	7631-86-	0.5 - 1	LT-	U	U	Ingredient in PT Warnatama Cemerlang NC Clear G 20, NTC-0920-00 Top Coat.

	9	%	1			
CANCER	NIOSH-C: Occupational carcinogen					
VINYL ACETATE	108-05-4	R	LT-P1			Monomer, ETHYLENE VINYL ACETATE POLYMER (EVA)
CANCER	IARC: Group 2b: Possibly carcinogenic to humans (also in EU H-Statements, MAK)					
ENDOCRINE	TEDX: Potential Endocrine Disruptor					
FLAMMABLE	EU H-Statements: H225 Highly flammable liquid and vapour.					
MULTIPLE	VwVwS: Class 2 Hazard to Waters					
1,1-DIMETHYLETHYL HYDROPEROXIDE	75-91-2	R	LT-P1			Catalyst, ETHYLENE VINYL ACETATE POLYMER (EVA)
MULTIPLE	VwVwS: Class 3 Severe Hazard to Waters					

CERTIFICATIONS AND COMPLIANCE

Certifying Party = First: Manufacturer's self-declaration; Second: Verification by trade association or other interested party; Third: Verification by independent certifier (ideal).

Applicable facilities = Manufacturing sites to which testing applies.

Type	Standard or Certification			Certifier or Laboratory
	Certifying Party	Issue Date	Expiry Date	Certificate URL
	Applicable Facilities			
	Notes			
VOC Emissions	Not tested			
VOC Content	N/A			
Recycled Content	Not tested			
Other				

ACCESSORY MATERIALS

This section is for additional products required by warranty or recommended by the manufacturer for installation (such as adhesives, fasteners, or factory coatings) or for maintenance, cleaning, or operations. Refer to Health Product Declarations, published separately, for a complete view of these products.

Note: This declaration is not intended to address hazards of the installation process.

Required or Recommended Product	URL for Companion Health Product Declaration
Condition when required or recommended and/or other notes	
Liquid Nails Ultra Quik Grip LN-990 (VOC 27.00 g/L)	
This GREENGUARD Children & Schools certified adhesive is recommended to fasten the Coco Tiles to the substrate.	

NOTES

Environmental Benefits Reduced Waste/Zero VOC/Carbon Sequestration Kirei Coco Tiles reduce landfill waste and indoor air pollution. The reclaimed shells used are a rapidly renewable resource left after the edible portion of the coconut is harvested, and only low- or zero VOC adhesives or finishes are used. Until now, these shells have been discarded or burned, adding to landfill waste and air pollution. Utilizing these shells as building material also sequesters carbon that would otherwise be released. Kirei Coco Tiles are eligible for LEED credits.