



# Product Lens

a materials health assessment

## COMPANY AND PRODUCT INFO

Issued to

**ARAUCO North America**

For the Products

VESTA ULEF, Duraflake VESTA ULEF Particleboard  
PRISM TFL

Description



VESTA ULEF is a specialty brand for panels manufactured using an ultra low emitting formaldehyde (ULEF) resin system. This makes it the optimal choice for additional LEED points and other ULEF specified projects. Along with our other panel products, VESTA is made with 100% recycled and/or recovered wood fiber and is an ECC™ (Eco-Certified Composite) sustainably certified product.

Assessment Date

April 22, 2019-  
April 22, 2022

Assessor



# arauco

## Other Achievements



The mark of responsible forestry

Please look for FSC® Certified Products

## Qualifications

LEED BPDO Credit: Material Ingredients Option 1  
Qualifies for as 1 product

LEED BPDO Credit: Material Ingredients Option 2  
Qualifies for 100% of cost

## MATERIALS / INGREDIENTS INFORMATION

The following table represents the top 99% of the material ingredient disclosure and ratings. For the full ingredient disclosure information, please see the table on the reverse side.

Materials	Result			
	MFG	Install	Use	End of Use
Wood				
MUF Resin	I, D			
UF Resin	I, D			
MF Resin	I, D			
Wax				
Urea				
Ammonium Sulphate				
Titanium Dioxide				

Go to <https://spot.ul.com/> to view the full, detailed materials ingredient list

## ARAUCO North America Contact information

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Atlanta, GA 30346 USA

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## Exposure Indicator

D = Dermal, Skin
I = Inhalation, air
O = Oral, mouth

\*No Indicator means no potential exposure scenario identified

## Color Ratings

	Low or no hazard identified and/or potential exposure
	Moderate hazard identified and/or potential exposure
	Higher hazard identified. The combination of the hazard and potential exposure leads to some caution for some uses and/or applications.
	Cannot be fully assessed due to either lack of complete formulation, or lack of toxicological information for one or more ingredients.
	Highly problematic material containing one or more chemicals classified as CMR and having a plausible route of exposure.





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The below table contains the full assessment report for the product disclosed at 100 ppm.

Material	CAS Number	Role	%					Comment
				MFG	Install	Use	End of Use	
Wood	NA	Structural (Panel) Paper (Laminate)	83%-90%					Typically wood is green in all product use phases, but some wood species can be sensitizing or the dust can be carcinogenic so during the manufacturing phase these woods would be red.
MUF Resin	25036-13-9	Panel Resin	5%-13%	I, D				Formaldehyde based resin system. Testing on residual formaldehyde shows levels below 100ppm in finished board. Adhesive may contain free formaldehyde, making red in manufacturing/supply chain but yellow everywhere else.
UF Resin (TFL)	9011-05-06	Laminate Resin	0.49-1.66%	I, D				Formaldehyde based resin system. Testing on residual formaldehyde shows levels below 100ppm in finished board. Adhesive may contain free formaldehyde, making red in manufacturing/supply chain but yellow everywhere else.
MF Resin (TFL)	Proprietary	Laminate Resin	0.62-2.08%	I, D				Formaldehyde based resin system. Testing on residual formaldehyde shows levels below 100ppm in finished board. Adhesive may contain free formaldehyde, making red in manufacturing/supply chain but yellow everywhere else.
Wax	64742-61-6	Water Repellant	0.5%-1.0%					No concerns across any product use phases
Urea	57-13-6	Scavenger	0.07%-0.3%					No concerns across any product use phases
Ammonium Sulphate	7783-20-2	Catalyst	0.2%-1.0%					No concerns across any product use phases
Titanium Dioxide (TFL)*	13463-67-7	Laminate Pigment	0.01-0.05%					Inhalation hazard that does not translate to risk due to the encapsulation of the pigment

\* TiO2 is only included in pigmented whites

	Low or no hazard identified and/or potential exposure
	Moderate hazard identified and/or potential exposure
	Problematic concern found. The combination of the hazard and potential exposure leads to some caution for some uses and/or applications.
	Cannot be fully assessed due to either lack of complete formulation, or lack of toxicological information for one or more ingredients.
	Highly problematic material containing one or more chemicals classified as CMR and having a plausible route of exposure.

