

January 22, 2019

To Whom It May Concern:

RE: Vulkem 116—Green Building Product Information (LEED v4 Information)



Tremco Incorporated is an organization that is committed to quality, our employees, and our environment. We are responsive to both internal and external customers, and we pledge to treat everyone with good stewardship and respect.

Tremco Incorporated certifies the following for Vulkem 116:

Building Product Disclosure and Optimization:

Vulkem 116 is manufactured in Cleveland, Ohio.

No single extracted material is used to produce the majority of this product.

Recycled content for Vulkem 116 is not available, and for the purposes of LEED reporting should be assumed to be zero.

Low Emitting Materials - VOC Content Information:

Vulkem 116 is a urethane sealant with a VOC content of <50g/L equaling <2% as applied/mixed. As such, VOC levels are lower than the limits set by SCAQMD rule 1168.

Note: VOC content values are as reported for the highest VOC content color for all Vulkem 116 colors. Other colors may have a lower VOC content reported on their MSDS .

Green Chemistry:

Tremco Incorporated is dedicated to the environment and prides itself on making its products as sustainable as possible.

Manufacture Inventory:

Chemical Name or Role	CAS Number	Amount	GHS Hazard
Polyurethane Prepolymer		20-60%	Non-Hazardous
Plasticizer		10-50%	Non-Hazardous
Calcium Carbonate (Limestone)	1317-65-3		
Heavy aromatic naphtha	64742-94-5		
Rheological Additive		<5%	Non-Hazardous
Titanium dioxide	13463-67-7		
Filler		<5%	Non-Hazardous
Aromatic petroleum distillates	64742-95-6		
1,2,4-Trimethylbenzene	95-63-6		
Polymethylene polyphenyl isocyanate	9016-87-9		
Aluminum oxide	1344-28-1		
1,3,5-Trimethylbenzene	108-67-8		
Crystalline Silica (Quartz)/ Silica Sand	14808-60-7		
Iron oxide	1309-37-1		
4,4'-Methylene bis(phenylisocyanate)	101-68-8		
Polyethylene	9002-88-4		
Pigment		<1%	Non-Hazardous
Solvent		<1%	Non-Hazardous
Carbon Black	1333-86-4		
Colorant		<5%	Non-Hazardous
Copper phthalocyanine	147-14-8		
Diisodecyl phthalate (mixed Is)	26761-40-0		

Additional Information:

Should you have any questions or require additional information, please do not hesitate to contact Technical Services or your local Tremco Field Representative.

Sincerely,



Amy Woodard
Manager
Compliance and Regulatory