

January 22, 2019

To Whom It May Concern:

RE: Vulkem 45SSL—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 45SSL:

**Building Product Disclosure and Optimization:**

Vulkem 45SSL is manufactured in Cleveland, Ohio.

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

Recycled content for Vulkem 45SSL is not available, and for the purposes of LEED reporting should be assumed to be zero.

**Low Emitting Materials - VOC Content Information:**

Vulkem 45SSL is a urethane sealant with a VOC content of 108g/L equaling 8.19% as applied/mixed.

**Green Chemistry:**

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

**Manufacture Inventory (reported to 1000ppm):**

Chemical Name or Role	CAS number	Amount	GHS Hazard
Polyurethane Prepolymer		20-50%	Non-Hazardous
Plasticizer		20-50%	Non-Hazardous
Calcium Carbonate (Limestone)	1317-65-3		
Polyvinyl chloride	9002-86-2		
Petroleum distillates	64742-47-8		
Reactive Agent		<5%	Non-Hazardous
Adhesion Promoter		<5%	Non-Hazardous
Calcium oxide	1305-78-8		
Xylene	1330-20-7		
Carbon Black	1333-86-4		
Environmental Stabilizer		<1%	Non-Hazardous
pH Adjuster		<1%	Non-Hazardous
Isophorone Diisocyanate	4098-71-9		
Ethylbenzene	100-41-4		
Hydrotreated heavy naphthenic distillate	64742-52-5		
Nonane	111-84-2		

**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**