

January 22, 2019

To Whom It May Concern:

RE: Vulkem 951NF—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 951NF:

Building Product Disclosure and Optimization:

Vulkem 951NF is manufactured in Cleveland, Ohio.

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

Recycled content for Vulkem 951NF is not available, and for the purposes of LEED reporting should be assumed to be zero.

Low Emitting Materials - VOC Content Information:

Vulkem 951NF is a exterior applied coating with a VOC content of 45g/L equaling 4% as applied/mixed. As such, VOC levels are lower than the limits set by SCAQMD rule 1113.

Green Chemistry:

Tremco Incorporated is dedicated to the environment and prides itself on making its products as sustainable as possible. We are pleased to report that this product is produced without any Red List chemicals. As such, it can be used to assist in finishing projects aimed towards achieving a Living Building Challenge certification

Manufacture Inventory:

| Chemical Name or Role | CAS Number | Amount | GHS Hazard |
|---------------------------------|------------|--------|---------------|
| Polyurethane Prepolymer | | 50-90% | Non-Hazardous |
| Plasticizer | | <15% | Non-Hazardous |
| Surface Active Agent | | <15% | Non-Hazardous |
| Titanium dioxide | 13463-67-7 | | |
| Amorphous silica | 7631-86-9 | | |
| Pigment | | <1% | Non-Hazardous |
| Isophorone Diisocyanate | 4098-71-9 | | |
| Iron oxide | 1309-37-1 | | |
| Solvent | | <1% | Non-Hazardous |
| UV Stabilizer | | <1% | Non-Hazardous |
| Aluminum hydroxide | 21645-51-2 | | |
| Surface Active Agent | | <1% | Non-Hazardous |
| Aluminum oxide | 1344-28-1 | | |
| UV Absorber | | <1% | Non-Hazardous |
| Silicone Reactive Polymer Resin | | <1% | Non-Hazardous |
| Calcium oxide | 1305-78-8 | | |
| UV Stabilizer | | <1% | Non-Hazardous |
| Modifier | | <1% | Non-Hazardous |
| Emulsifier | | <1% | Non-Hazardous |

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