# Saranté® Finish for Ceilings Plus Products by USG

**Health Product Declaration v2.1.1**

created via: HPDC Online Builder

**CLASSIFICATION:** 09 51 00

**PRODUCT DESCRIPTION:** S-13 Red Birch, S-25 Natural Ovang, and S-32 CP Maple are are Saranté® finish options for Barz™, Radians®, Illusions™, Mirra™-Planx™, and Wallforms™.

## Section 1: Summary

**Basic Method / Product Threshold**

### CONTENT INVENTORY

**Inventory Reporting Format**

- ○ Nested Materials Method
- ◉ Basic Method

**Threshold Disclosed Per**

- ○ Material
- ◉ Product

**Threshold level**

- ○ 100 ppm
- ◉ 1,000 ppm
- ○ Per GHS SDS
- ○ Per OSHA MSDS
- ○ Other

**Residuals/Impurities**

- ◉ Considered
- ○ Partially Considered
- ○ Not Considered

Explanation(s) provided for Residuals/Impurities?

- ◉ Yes ○ No

*All Substances Above the Threshold Indicated Are:*

**Characterized** ○ Yes Ex/SC ◉ Yes ○ No

*% weight and role provided for all substances.*

**Screened** ○ Yes Ex/SC ◉ Yes ○ No

*All substances screened using Priority Hazard Lists with results disclosed.*

**Identified** ○ Yes Ex/SC ○ Yes ◉ No

*One or more substances not disclosed by Name (Specific or Generic) and Identifier and/ or one or more Special Condition did not follow guidance.*

#### CONTENT IN DESCENDING ORDER OF QUANTITY

Summary of product contents and results from screening individual chemical substances against HPD Priority Hazard Lists and the GreenScreen for Safer Chemicals®. The HPD does not assess whether using or handling this product will expose individuals to its chemical substances or any health risk. Refer to Section 2 for further details.

MATERIAL | SUBSTANCE | *RESIDUAL OR IMPURITY*
GREENSCREEN SCORE | HAZARD TYPE

SARANTé® FINISH FOR CEILINGS PLUS PRODUCTS [ UNS A93105 ALUMINUM ALLOY NoGS POLYPROPYLENE LT-UNK POLYURETHANE LT-P1 TITANIUM DIOXIDE LT-1 | CAN | END UNDISCLOSED LT-UNK UNDISCLOSED BM-2 | RES ]

Number of Greenscreen BM-4/BM3 contents ... 0

Contents highest concern GreenScreen Benchmark or List translator Score ... LT-1

Nanomaterial ... No

#### INVENTORY AND SCREENING NOTES:

Residuals/Impurities in raw materials that return a GreenScreen® score of BM-1, LT-1, LT-P1 or NoGS are displayed in the HPD when greater than or equal to 1000 ppm. USG uses an outside lab to quantify potential impurities of raw materials. Analytical methods may include but are not limited to; x-ray diffraction, x-ray fluorescence, atomic absorption, ion chromatography, liquid chromatography, and crystalline silica analysis.

#### VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

#### CERTIFICATIONS AND COMPLIANCE

*See Section 3 for additional listings.*

VOC emissions: Self-declared

#### CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients, Option 1

Third Party Verified?

- ○ Yes
- ◉ No

PREPARER: Self-Prepared
VERIFIER:
VERIFICATION #:

SCREENING DATE: 2019-08-05
PUBLISHED DATE: 2019-08-15
EXPIRY DATE: 2022-08-05

# Section 2: Content in Descending Order of Quantity

*This section lists contents in a product based on specific threshold(s) and reports detailed health information including hazards. This HPD uses the inventory method indicated above, which is one of three possible methods:*

- *Basic Inventory method with Product-level threshold.*
- *Nested Material Inventory method with Product-level threshold*
- *Nested Material Inventory method with individual Material-level thresholds*

*Definitions and requirements for the three inventory methods and requirements for each data field can be found in the HPD Open Standard version 2.1.1, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-1-1-standard*

## SARANTé® FINISH FOR CEILINGS PLUS PRODUCTS

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: This HPD covers the S-13 Red Birch, S-25 Natural Ovang, and S-32 CP Maple Saranté® finish options for Barz™, Radians®, Illusions™, Mirra™-Planx™, and Wallforms™.

OTHER PRODUCT NOTES: The product recycle content is pre-consumer 45.9% and post-consumer 42.3%. This product is made at Los Angeles, CA.

### UNS A93105 ALUMINUM ALLOY

ID: Not registered

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-08-05

%: 88.00 - 92.00 GS: NoGS RC: Both NANO: No ROLE: Product structure

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|---|---|---|
| None found | | No warnings found on HPD Priority Hazard Lists |

SUBSTANCE NOTES: This aluminum alloy contains a combination of aluminum, zinc, magnesium, silicon, manganese, and chromium (III). These alloying elements have various functions such as grain growth, electrical resistivity, strength, corrosive resistance, and stress cracking resistance. The elements in this alloy are solid and not in a respirable form.

### POLYPROPYLENE

ID: 9003-07-0

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-08-05

%: 6.00 - 7.00 GS: LT-UNK RC: None NANO: No ROLE: Protective/resistance coating for finish

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|---|---|---|
| None found | | No warnings found on HPD Priority Hazard Lists |

SUBSTANCE NOTES: No Residuals or Impurities are expected to be present at or above the 1000 ppm threshold that return a GreenScreen® score of BM-1, LT-1, LT-P1 or NoGS.

### POLYURETHANE

ID: 64440-88-6

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-08-05

GS: LT-P1 RC: None NANO: No ROLE: Protective coating for finish/adhesive

%: 5.50 - 5.90

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|---|---|---|
| None found | | No warnings found on HPD Priority Hazard Lists |

SUBSTANCE NOTES: Polyurethane is used in this product as a protective coating in the finish (3.0 - 4.0%) and as an adhesive (1.9 - 2.5%). No Residuals or Impurities are expected to be present at or above the 1000 ppm threshold that return a GreenScreen® score of BM-1, LT-1, LT-P1 or NoGS.

## TITANIUM DIOXIDE

ID: **13463-67-7**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-08-05**

%: **0.20 - 0.40** GS: **LT-1** RC: **None** NANO: **No** ROLE: **Colorant in Finish**

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|---|---|---|
| CANCER | US CDC - Occupational Carcinogens | Occupational Carcinogen |
| CANCER | CA EPA - Prop 65 | Carcinogen - specific to chemical form or exposure route |
| CANCER | IARC | Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources |
| ENDOCRINE | TEDX - Potential Endocrine Disruptors | Potential Endocrine Disruptor |
| CANCER | MAK | Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value |
| CANCER | MAK | Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels |

SUBSTANCE NOTES: Since titanium dioxide is bound with in the coating and not inhalable, it is excluded from several regulatory hazard lists. No Residuals or Impurities are expected to be present at or above the 1000 ppm threshold that return a GreenScreen® score of BM-1, LT-1, LT-P1 or NoGS.

## UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-08-05**

%: **0.10 - 0.90** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Topcoat curing additive**

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|---|---|---|
| None found | | No warnings found on HPD Priority Hazard Lists |

SUBSTANCE NOTES: Proprietary ingredient. No Residuals or Impurities are expected to be present at or above the 1000 ppm threshold that return a GreenScreen® score of BM-1, LT-1, LT-P1 or NoGS. Not on the Living Building Challenge™ (LBC) Red List Chemical Guide (Version 4.0)

## UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-08-05**

%: **0.10 - 0.90** GS: **BM-2** RC: **None** NANO: **No** ROLE: **Topcoat fire resistance**

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
| --- | --- | --- |
| RESPIRATORY | AOEC - Asthmagens | Asthmagen (Rs) - sensitizer-induced |

SUBSTANCE NOTES: Proprietary ingredient. No Residuals or Impurities are expected to be present at or above the 1000 ppm threshold that return a GreenScreen® score of BM-1, LT-1, LT-P1 or NoGS. Not on the Living Building Challenge™ (LBC) Red List Chemical Guide (Version 4.0).

# Section 3: Certifications and Compliance

*This section lists applicable certification and standards compliance information for VOC emissions and VOC content. Other types of health or environmental performance testing or certifications completed for the product may be provided.*

**VOC EMISSIONS** — **Self-declared**

CERTIFYING PARTY: Self-declared
APPLICABLE FACILITIES: Los Angeles, CA
CERTIFICATE URL:

ISSUE DATE: 2019-08-07

EXPIRY DATE:

CERTIFIER OR LAB: Self-declared

CERTIFICATION AND COMPLIANCE NOTES:

# Section 4: Accessories

*This section lists related products or materials that the manufacturer requires or recommends for installation (such as adhesives or fasteners), maintenance, cleaning, or operations. For information relating to the contents of these related products, refer to their applicable Health Product Declarations, if available.*

**ABSORBING MATERIAL**

HPD URL: **No HPD Available**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:
A variety of sound absorbing backings are available. Ceilings Plus® can supply absorbing material which can achieve NRC values ranging from .65 - .95.

# Section 5: General Notes

Ingredient specific notes are included in Section 2.

# Section 6: References

## MANUFACTURER INFORMATION


MANUFACTURER: **USG**
ADDRESS: **550 West Adams Street**
**Chicago IL 60661, US**
WEBSITE: **usg.com**

CONTACT NAME: **USG Sustainability**
TITLE: **Sustainability Manager**
PHONE: **1-800-USG4YOU**
EMAIL: **sustainability@usg.com**


## KEY

**OSHA MSDS** Occupational Safety and Health Administration Material Safety Data Sheet
**GHS SDS** Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

**Hazard Types**

**AQU** Aquatic toxicity
**CAN** Cancer
**DEV** Developmental toxicity
**END** Endocrine activity
**EYE** Eye irritation/corrosivity
**GEN** Gene mutation
**GLO** Global warming
**MAM** Mammalian/systemic/organ toxicity
**MUL** Multiple hazards
**NEU** Neurotoxicity
**OZO** Ozone depletion
**PBT** Persistent Bioaccumulative Toxic
**PHY** Physical Hazard (reactive)
**REP** Reproductive toxicity
**RES** Respiratory sensitization
**SKI** Skin sensitization/irritation/corrosivity
**LAN** Land Toxicity
**NF** Not found on Priority Hazard Lists

**GreenScreen (GS)**

**BM-4** Benchmark 4 (prefer-safer chemical)
**BM-3** Benchmark 3 (use but still opportunity for improvement)
**BM-2** Benchmark 2 (use but search for safer substitutes)
**BM-1** Benchmark 1 (avoid - chemical of high concern)
**BM-U** Benchmark Unspecified (insuficient data to benchmark)
**LT-P1** List Translator Possible Benchmark 1
**LT-1** List Translator Likely Benchmark 1
**LT-UNK** List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)
**NoGS** Unknown (no data on List Translator Lists)

**Recycled Types**

**PreC** Preconsumer (Post-Industrial)
**PostC** Postconsumer
**Both** Both Preconsumer and Postconsumer
**Unk** Inclusion of recycled content is unknown
**None** Does not include recycled content

**Other Terms**
**Inventory Methods:**

**Nested Method / Material Threshold** Substances listed within each material per threshold indicated per material
**Nested Method / Product Threshold** Substances listed within each material per threshold indicated per product
**Basic Method / Product Threshold** Substances listed individually per threshold indicated per product

**Nano** Composed of nano scale particles or nanotechnology
**Third Party Verified** Verification by independent certifier approved by HPDC
**Preparer** Third party preparer, if not self-prepared by manufacturer
**Applicable facilities** Manufacturing sites to which testing applies

*The Health Product Declaration (HPD) Open Standard provides for the disclosure of product contents and potential associated human and environmental health hazards. Hazard associations are based on the HPD Priority Hazard Lists, the GreenScreen List Translator™, and when available, full GreenScreen® assessments. The HPD Open Standard v2.1 is not:*

- *a method for the assessment of exposure or risk associated with product handling or use,*
- *a method for assessing potential health impacts of: (i) substances used or created during the manufacturing process or (ii) substances created after the product is delivered for end use.*

*Information about life cycle, exposure and/or risk assessments performed on the product may be reported by the manufacturer in appropriate Notes sections, and/or, where applicable, in the Certifications section.*

*The HPD Open Standard was created and is supported by the Health Product Declaration Collaborative (the HPD Collaborative), a customer-led organization composed of stakeholders throughout the building industry that is committed to the continuous improvement of building products through transparency, openness, and innovation throughout the product supply chain.*

*The product manufacturer and any applicable independent verifier are solely responsible for the accuracy of statements and claims made in this HPD and for compliance with the HPD standard noted.*