

# Product Name by Product Manufacturer

CLASSIFICATION: 06 61 13 Simulated Stone Fabrications; 06 00 00 Wood, Plastics, and Composites

PRODUCT DESCRIPTION: MEGANITE® solid surface is a durable, non-porous, homogeneous yet stylish material, composed of acrylic resin and natural minerals. It can be fabricated by woodworking tools, well-suited for multiple interior applications. Certified by NSF 51, GREENGUARD GOLD and others.

# Health Product Declaration v2.1

created via: HPD Fillable Form

## Section 1: Summary

## Basic Method/Product Threshold

### CONTENT INVENTORY

Inventory Reporting Format	Threshold Level	Residuals/Impurities	Are All Substances Above the Threshold Indicated:
<input type="radio"/> Nested Materials Method	<input type="radio"/> 100 ppm	<input checked="" type="radio"/> Considered	<b>Characterized</b> <input checked="" type="radio"/> Yes <input type="radio"/> No
<input checked="" type="radio"/> Basic Method	<input checked="" type="radio"/> 1,000 ppm	<input type="radio"/> Partially Considered	Percent Weight and Role Provided?
<b>Threshold Disclosed Per</b>	<input type="radio"/> Per GHS SDS	<input type="radio"/> Not Considered	<b>Screened</b> <input checked="" type="radio"/> Yes <input type="radio"/> No
<input type="radio"/> Material	<input type="radio"/> Per OSHA MSDS	Explanation(s) provided	Using Priority Hazard Lists with Results Disclosed?
<input type="radio"/> Product	<input type="radio"/> Other	for Residuals/Impurities?	<b>Identified</b> <input type="radio"/> Yes <input checked="" type="radio"/> No
		<input type="radio"/> Yes <input type="radio"/> No	Name and Identifier Provided?

### 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.

#### SUBSTANCE | RESIDUAL OR IMPURITY GREENSCREEN SCORE | HAZARD TYPE

MEGANITE® ACRYLIC SOLID SURFACE  
ALUMINA TRIHYDRATE (ALUMINA TRIHYDRATE) BM-2 | RES; METHYL  
METHACRYLATE (METHYL METHACRYLATE) LT-P1 | SKI | RES | END | PHY;  
TITANIUM DIOXIDE (TITANIUM DIOXIDE) LT-1 | CAN | END

Number of Greenscreen BM-4/BM-3 contents: 0  
Contents highest concern GreenScreen  
Benchmark or List translator Score: LT-1  
Nanomaterial: No

#### INVENTORY AND SCREENING NOTES:

This disclosure includes ingredients at the 1,000 ppm threshold. Ranges for substances' percent weight are provided. Exact ingredient percentages are withheld as MEGANITE® Intellectual Property.

### 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: GREENGUARD GOLD & GREENGAUD certification

### CONSISTENCY WITH OTHER PROGRAMS

Recycled content: SCS Global Service

Third Party Verified?	PREPARER: Self-prepared	SCREENING DATE: 2018-10-30
<input type="radio"/> Yes	VERIFIER:	PUBLISHED DATE: 2018-10-31
<input checked="" type="radio"/> No	VERIFICATION #:	EXPIRY DATE: 2021-10-31



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, available on the HPDC website at: [www.hpd-collaborative.org/hpd-2-1-standard](http://www.hpd-collaborative.org/hpd-2-1-standard)

MEGANITE® acrylic solid surface

PRODUCT THRESHOLD: 1000ppm

RESIDUALS AND IMPURITIES CONSIDERED: YES

RESIDUALS/IMPURITIES NOTES:

MEGANITE® acrylic solid surface are comprised of reacted monomers and resins, inert mineral fillers and colorants. The finished form in sheets, and sinks are nontoxic to humans, and have been verified by different certifications - Greenguard Gold, NSF 51 or REACH.

OTHER PRODUCT NOTES:

Certain aesthetics contain ground MEGANITE® solid surfaces. Material out of specifications, trimmings or wastes are milled and reused as decorative effects in new products. MEGANITE® recycled series with recycling content certified by SCS Global Services, these series contains at minimum 6% pre-consumer recycled materials.

ALUMINUM TRIHYDROXIDE

ID: 21645-21-2

%: 56.0000 - 60.0000

GS: BM-2

RC: None

NANO: No

ROLE: Fire retardant/Inert filler

HAZARDS

AGENCY(IES) WITH WARNINGS:

Respiratory

AOEC - Asthmagens Asthmagen (ARS) - sensitizer-included - inhalable forms only

SUBSTANCE NOTES:

Aluminum Trihydrate (ATH), or called Aluminum Trihydroxide, is natural compound as a main inert filler of MEGANITE® solid surface. With a high purity and whiteness, nontoxic, it is a smoke suppressor, halogen-free fire retardant and being encapsulated by polymerization of acrylic-based reactants in manufacturing process. In the final product, MEGANITE® is an acrylic based polymer without hazards nor allergic to humans.

METHYL METHACRYLATE

ID: 80-62-6

%: 36.0000 - 40.0000

GS: LT-P1

RC: None

NANO: No

ROLE: Polymerizable monomer

HAZARDS

AGENCY(IES) WITH WARNINGS:

See expansion on page 6

See expansion on page 6

SUBSTANCE NOTES:

Methyl methacrylate (MMA), the most important of the acrylic family, is a colorless organic compound essential in the production of polymethyl methacrylate products. As a main monomer of MEGANITE® solid surface, it is the reactive compound present in the acrylic resin. In the final product, MEGANITE® is an acrylic based polymer without hazards nor allergic to humans.

TITANIUM DIOXIDE

ID: 13463-67-7

%: 1.5000 - 2.5000

GS: LT-1

RC: None

NANO: No

ROLE: Colorant

HAZARDS

AGENCY(IES) WITH WARNINGS:

See expansion on page 6

See expansion on page 6

SUBSTANCE NOTES:

Titanium dioxide is the most widely used pigment, these oxides are present in several minerals. Due to the high stability, the final color of MEGANITE® solid surface are stable and homogeneous. Inorganic pigments are essential for the aesthetic final Krion™ articles. In the final product, MEGANITE® is an acrylic based polymer without hazards nor allergic to humans.

ID:

%:

GS:

RC:

NANO:

ROLE:

HAZARDS

AGENCY(IES) WITH WARNINGS:

SUBSTANCE NOTES:



## 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

### GREENGUARD GOLD CERTIFICATION

CERTIFYING PARTY: **Third Party**      ISSUE DATE: **2007-09-17**      EXPIRY DATE: **2018-12-17**

CERTIFIER OR LAB: **UL ENVIROMENT**

APPLICABLE FACILITIES: **All**

CERTIFICATE URL: <http://certificates.ulenvironment.com/default.aspx?id=4067&t=cs>

CERTIFICATION AND COMPLIANCE NOTES:

MEGANITE® acrylic solid surface and accessories have been evaluated under the GREENGUARD certification program since 2007. The certification is renewed on an annual basis. UL 2818 - 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings. Products tested in accordance with UL 2821 test method to show compliance to emission limits in UL 2818, Section 7.1.

### RECYCLED CONTENT

### SCS Global Services

CERTIFYING PARTY: **Third Party**      ISSUE DATE: **2018-07-01**      EXPIRY DATE: **2019-06-30**

CERTIFIER OR LAB: **SCS Global Systems**

APPLICABLE FACILITIES: **Facility in United States**

CERTIFICATE URL: <https://www.meganite.com/inc/uploads/2017/07/meganite-technical-resources-scs-certification.pdf>

CERTIFICATION AND COMPLIANCE NOTES:

MEGANITE® Recycled Series includes 18 popular colors. The series conforms to SCS Recycled Content Standard V7-0 for a Minimum 6% Pre-Consumer Recycled Acrylic Content. The material quantification and mass-balance calculations are completed on a dry-weight basis. Refer to Registration # SCS-MC-02776. Like all MEGANITE® colors, the recycled series are low VOC emitting, non-porous, long lasting surfaces can be easily renewwd and repaired.

### OTHER

### ANSI/NSF 51-2012 Food equipment materials

CERTIFYING PARTY: **THIRD PARTY**      ISSUE DATE: **2002-07-12**      EXPIRY DATE:

CERTIFIER OR LAB: **NSF International**

APPLICABLE FACILITIES: **Facility in United States**

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES:

MEGANITE® acrylic solid surface and accessories is considered as a safe material for its direct contact with all kinds of food, without posing any health risk. NSF Certification (National Science Foundation), recognized body from the United States that acts in the issuance of health, hygiene, and environmental certificates.

CERTIFYING PARTY:      ISSUE DATE:      EXPIRY DATE:

CERTIFIER OR LAB:

APPLICABLE FACILITIES:

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES:

CERTIFYING PARTY:      ISSUE DATE:      EXPIRY DATE:

CERTIFIER OR LAB:

APPLICABLE FACILITIES:

CERTIFICATE URL:

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.*

No accessories are required for this product

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HPD URL:

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:



## Section 5: General Notes

MEGANITE® acrylic solid surface is a durable, nonporous, homogeneous yet stylish material, composed of acrylic resin and natural minerals. Well-suited for a range of interior applications, providing an ideal surfacing solution for healthcare, education, food-service, commercial, shop-fitting, and retail areas. Since 1976, Meganite has been making composite-related building materials. Today, intercontinental projects or specifications can be easily coordinated by our product team. Please contact MEGANITE for more information.

**MANUFACTURER INFORMATION**

MANUFACTURER: MEGANITE® INC.

ADDRESS: 1461 South Balboa Ave. Ontario, CA91761, US

WEBSITE: www.meganite.com

CONTACT NAME: Product Management Team

TITLE: Product Management

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EMAIL: info@meganite.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 (insufficient 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.

METHYL METHACRYLATE

HAZARDS	AGENCY(IES) WITH WARNINGS:	
Skin irritation	EU - R-phrases	R38 - Irritating to skin
Skin sensitize	EU - R-phrases	R43 - May cause sensitization by skin contact
Respirary	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
Skin irritation	EU - GHS (H-Statements)	H315 - Causes skin irritation
Skin sensitize	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
Endocrine	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
Skin sensitize	MAK	Sensitizing Substance Sh - Danger of skin sensitization
Physical hazard	EU - GHS (H-Statements)	H225 - Highly flammable liquid and vapour

TITANIUM DIOXIDE

HAZARDS	AGENCY(IES) WITH WARNINGS:	
Cancer	US CDC - Occupational Carcinogens	Occupational Carcinogen
Cancer	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
Cancer	MAK	Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value
Cancer	ARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources
Endocrine	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor