

HPD UNIQUE IDENTIFIER: 66677122816000
HPD UNIQUE PRODUCT ID: Not provided.
CLASSIFICATION: 06 61 16 Solid Surfacing Fabrications
PRODUCT DESCRIPTION: Meganite® Acrylic Solid Surface is a durable, full body, non-porous, high fire rating, homogeneous yet stylish material, composed of acrylic resin and natural minerals. It has been specified in healthcare and food settings for over 20 years. Meganite can be fabricated by woodworking tools, well-suited for multiple interior applications. Certified by NSF 51, GreenGuard & GreenGuard Gold and others.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format → Basic Method	Residuals/Impurities Evaluation → Completed	For all contents above the threshold, the manufacturer has:
Threshold Disclosed Per → Product	Explanation(s) provided : Yes	Characterized Provided weight and role. No
Threshold Level → 1,000 ppm		Screened Provided screening results using HPDC-approved methods. No
		Identified Provided name and CAS RN or other identifier. No

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.	Number of Greenscreen BM-4/BM3 contents ... 0
PRODUCT MATERIAL OR SUBSTANCE RESIDUAL OR IMPURITY GREENSCREEN SCORE HAZARD TYPE	Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... BM-1, LT-P1
MEGANITE® ACRYLIC SOLID SURFACE [ALUMINA TRIHYDRATE METHYL METHACRYLATE LT-P1 PHY SKI END EYE MAM TITANIUM DIOXIDE BM-1 CAN END MAM]	Nanomaterial ... No
	INVENTORY AND SCREENING NOTES: Special Conditions applied: [GeologicalMaterial] Special Conditions applied: [Polymers]
	This disclosure includes ingredients at 1,000 ppm threshold. Range for substance' 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.	COMPLIANCE See Section 3 for additional listings. VOC emissions: GreenGuard - Gold (previously Children & Schools) Recycled content: SCS Recycled Content Certification - Products Food equipment materials: ANSI/NSF 51-2012 Food equipment materials 161 Substances of Very High Concern screening: REACH European Union Regulation (EC) 1907/2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals
	CONSISTENCY WITH OTHER PROGRAMS No pre-checks completed or disclosed.

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 3.0, available on the HPDC website at: www.hpd-collaborative.org/hpd-3-0-standard

MEGANITE® ACRYLIC SOLID SURFACE

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes

RESIDUALS AND IMPURITIES NOTES: Meganite® Acrylic Solid Surface are comprised of reacted monomers and resins, inert mineral fillers and colorants. The finished form is sheets, and sinks are nontoxic to humans, and have been verified by different certifications - GreenGuard and GreenGuard Gold, NSF 51 and REACH.

OTHER PRODUCT NOTES: The aesthetic chips are made from ground Meganite® Acrylic Solid Surface. Surfaces of the same quality are milled and repurposed as decorative elements in the final product.

The Meganite® Recycled Series, certified by SCS Global Services for its recycled content, contains a minimum of 6% pre-consumer recycled materials. These materials — including off-spec sheets and trimmings — are milled and reused as decorative components in the new Recycled Series products.

ALUMINA TRIHYDRATE

ID: Geological Material

HAZARD DATA SOURCE: HPDC Special Conditions Policy

%: 56.0000 - 60.0000

GreenScreen: Not Required

RC: None

NANO: No

MATERIAL ROLE: Flame retardant

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

Hazard Screening is not applicable to this Special Condition

INGREDIENT DESCRIPTION AND COMPOSITION: Alumina Trihydrate

COUNTRY OF ORIGIN: China

RADIOACTIVE ELEMENTS: According to supplier provided information and/or internal testing, it is determined that no radioactive elements are found in this material.

POTENTIAL PRESENCE OF TOXIC METALS: According to supplier provided information and/or internal testing, it is determined that no toxic metals are found in this material.

MATERIAL CONTENT NOTES: Alumina trihydrate is commonly used as a fire / falme retardant in consumer electronic, building materials, and etc.

METHYL METHACRYLATE

ID: 80-62-6

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2025-10-22 23:31:59

%: 36.0000 - 40.0000

GreenScreen: LT-P1

RC: None

NANO: No

POLYMER ROLE: Binder

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
PHY	EU - GHS (H-Statements) Annex 6 Table 3-1	H225 - Highly flammable liquid and vapour [Flammable liquids - Category 2]
SKI	EU - GHS (H-Statements) Annex 6 Table 3-1	H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
SKI	MAK	Sensitizing Substance Sh - Danger of skin sensitization
PHY	GHS - New Zealand	Flammable liquids category 2
EYE	GHS - New Zealand	Eye irritation category 2
SKI	GHS - New Zealand	Skin sensitisation category 1
PHY	GHS - Japan	H225 - Highly flammable liquid and vapour [Flammable liquids - Category 2]
SKI	GHS - Japan	H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]
MAM	GHS - Japan	H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]
PHY	GHS - Malaysia	H225 - Highly flammable liquid and vapour [Flammable liquids - Category 2]
SKI	GHS - Malaysia	H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]
PHY	GHS - Australia	H225 - Highly flammable liquid and vapour [Flammable liquids - Category 2]
SKI	GHS - Australia	H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Perkins+Will (P+W)	P&W - Precautionary List Precautionary list of substances recommended for avoidance
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes Precautionary List Some Solvents
POLYMER TYPE: Thermoplastic		
AVERAGE MOLECULAR WEIGHT : Unknown		
PERCENTAGE OF POLYMER WITH MOLECULAR WEIGHT LESS THAN 500 DA: Unknown		
ADDITIONAL SUBSTANCES CONSIDERED: No		

POLYMER NOTES: This polymer has been reported in accordance to [HPDC Special Conditions Policy](#) for polymers with disclosed CAS numbers.

ADDITIONAL NOTES: Meethyl methacrylate (MMA) the most important of the acrylic family, is a colorless organic compound present in the acrylic resin. In the final product, Meganite® is an acrylic based polymer without hazards not allergic to humans.

TITANIUM DIOXIDE

ID: 13463-67-7

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2025-10-22 23:31:59

%: 1.5000 - 2.5000

GreenScreen: BM-1

RC: None

NANO: No

SUBSTANCE ROLE: Pigment

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
CAN	US CDC - Occupational Carcinogens	Occupational Carcinogen
CAN	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CAN	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources
CAN	MAK	Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
CAN	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels
CAN	IARC	Group 2b - Possibly carcinogenic to humans
CAN	EU - GHS (H-Statements) Annex 6 Table 3-1	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]
CAN	GHS - Japan	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
POSITIVE LIST	US Environmental Protection Agency (US EPA)	US EPA - DfE Safer Chemicals Ingredients list (SCIL) Colorants - Green Circle (Verified Low Concern)
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025 Cosmetics and Personal Care Products

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® Acrylic Solid Surface are stable and homogeneous. Inorganic pigments are essential for the aesthetic final articles. In the final products, Meganite® is an acrylic based polymer without hazards not allergic to humans.

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 (previously Children & Schools)	
COMPLIANCE TYPE: Third Party CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: UL COMPLIANCE DETAILS: COMPLIANCE SCOPE: Product APPLICABLE FACILITIES: All COMPLIANCE URL: https://www.meganite.com/technical-documents/sustainable-greenguard-gold-solid-surface COMPLIANCE NOTES: Building products and interior finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using a Classroom Environment with an air change of 0.82 hr ⁻¹ and a loading of 12.30 m ² . ; and Building products and interior finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using an Office Environment with an air change of 0.68 hr ⁻¹ and a loading of 3.20 m ² . Product tested in accordance with UL 2821 test method to show compliance to emission limits on UL 2818. Section 7.1 and 7.2.	ISSUE DATE: 2007-09-17	EXPIRY DATE: 2026-09-17
RECYCLED CONTENT	SCS Recycled Content Certification - Products	
COMPLIANCE TYPE: Third Party CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: SCS Global Services COMPLIANCE DETAILS: COMPLIANCE SCOPE: APPLICABLE FACILITIES: Meganite Inc. COMPLIANCE URL: https://www.meganite.com/technical-documents/recycle-content-scs 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 renewed and repaired.	ISSUE DATE: 2023-07-01	EXPIRY DATE: 2026-06-30
FOOD EQUIPMENT MATERIALS	ANSI/NSF 51-2012 Food equipment materials	
COMPLIANCE TYPE: Third Party CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: NSF International COMPLIANCE DETAILS: COMPLIANCE SCOPE: APPLICABLE FACILITIES: Meganite Inc. COMPLIANCE URL: 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.	ISSUE DATE: 2002-07-12	EXPIRY DATE: No expiration

161 SUBSTANCES OF VERY HIGH CONCERN SCREENING	REACH European Union Regulation (EC) 1907/2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals	
COMPLIANCE TYPE: Third Party CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: SGS COMPLIANCE DETAILS: COMPLIANCE SCOPE: APPLICABLE FACILITIES: Meganite Inc. COMPLIANCE URL: COMPLIANCE NOTES: The objective of the REACH regulation is to regulate chemical products that are produced or used as components in mixes or final products within the European Union (EU), with the primary aim of protecting human health and the environment. Meganite has conducted tests to verify compliance with the substances listed on the SVHC (Substances of Very High Concern) list, published by ECHA (European Chemicals Agency). According to the interpretation of ECHA and the majority of EU member states on the definition of an article as well as the specified scope and analytical technique, concentration of all SVHC are <0.1% in Meganite.	ISSUE DATE: 2014-12-31	EXPIRY DATE: No expiration

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.

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, California 91761
COUNTRY: **USA**

WEBSITE: **<https://meganite.com/>**
CONTACT NAME: **Product Management Team**
TITLE: **Product Management**
PHONE: **+1-800-836-1118**
EMAIL: **info@meganite.com**

The listed contact is responsible for the validity of this HPD and attests that it is accurate and complete to the best of his or her knowledge.

KEY**Hazard Types**

AQU Aquatic toxicity	LAN Land toxicity	PHY Physical hazard (flammable or reactive)
CAN Cancer	MAM Mammalian/systemic/organ toxicity	REP Reproductive
DEV Developmental toxicity	MUL Multiple	RES Respiratory sensitization
END Endocrine activity	NEU Neurotoxicity	SKI Skin sensitization/irritation/corrosivity
EYE Eye irritation/corrosivity	NF Not found on Priority Hazard Lists	UNK Unknown
GEN Gene mutation	OZO Ozone depletion	
GLO Global warming	PBT Persistent, bioaccumulative, and toxic	

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)	LT-P1 List Translator Possible 1 (Possible Benchmark-1)
BM-3 Benchmark 3 (use but still opportunity for improvement)	LT-1 List Translator 1 (Likely Benchmark-1)
BM-2 Benchmark 2 (use but search for safer substitutes)	LT-UNK List Translator Benchmark Unknown
BM-1 Benchmark 1 (avoid - chemical of high concern)	NoGS No GreenScreen.
BM-U Benchmark Unspecified (due to insufficient data)	

GreenScreen Benchmark scores sometimes also carry subscripts, which provide more context for how the score was determined. These are DG (data gap), TP (transformation product), and CoHC (chemical of high concern). For more information, see 2.2.2.4 GreenScreen® for Safer Chemicals, www.greenscreenchemicals.org, and Best Practices for Hazard Screening on the HPDC website (hpd-collaborative.org).

Recycled Types

PreC Pre-consumer recycled content
PostC Post-consumer recycled content
UNK Inclusion of recycled content is unknown
None Does not include recycled content

Other Terms:

GHS SDS Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

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.