

HPD UNIQUE IDENTIFIER: 5522276001792

CLASSIFICATION: 03 01 30 Maintenance of Cast-in-Place Concrete

PRODUCT DESCRIPTION: SikaRep®-200 Multi is a ready to use, multi-purpose, lightweight, cementitious, fiber reinforced mortar for repairs & strengthening, pointing & rendering of masonries according to EN 998-2 & EN 998-1 and for nonstructural concrete repairs according to EN 1504-3.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format	Threshold Level	Residuals/Impurities Evaluation	<i>For all contents above the threshold, the manufacturer has:</i>
<input type="radio"/> Nested Materials Method	<input type="radio"/> 100 ppm	<input checked="" type="radio"/> Completed	Characterized <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 Completed	<i>Provided weight and role.</i>
Threshold Disclosed Per	<input type="radio"/> Per GHS SDS	<input type="radio"/> Not Completed	Screened <input checked="" type="radio"/> Yes <input type="radio"/> No
<input type="radio"/> Material	<input type="radio"/> Other	Explanation(s) provided :	<i>Provided screening results using HPDC-approved methods.</i>
<input checked="" type="radio"/> Product		<input checked="" type="radio"/> Yes <input type="radio"/> No	Identified <input type="radio"/> Yes <input checked="" type="radio"/> No
			<i>Provided name and CAS RN or other identifier.</i>

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.

PRODUCT | **MATERIAL OR SUBSTANCE** | *RESIDUAL OR IMPURITY*
GREENSCREEN SCORE | HAZARD TYPE
SIKAREP®-200 MULTI | **UNDISCLOSED** **BM-3** | **EYE** **UNDISCLOSED**
BM-3dg **UNDISCLOSED** **LT-P1** | CAN | END | MAM **UNDISCLOSED** **LT-P1** | CAN | MAM]

Number of Greenscreen BM-4/BM3 contents ... 2
Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... LT-P1
Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

Materials listed as Undisclosed is done to preserve integrity of formula and maintain competitive advantage

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

Material (g/l): <1 Regulatory (g/l): 100
Does the product contain exempt VOCs: No
Are colorants available that do not increase the VOC content of the base paint when tinted: N/A

CERTIFICATIONS AND COMPLIANCE *See Section 3 for additional listings.*

VOC emissions: Ecode EC1 PLUS- very low emission
VOC content: SCAQMD Rule 1113 Architectural Coatings - Concrete curing compounds, Industrial Maintenance (IM) Coatings, Zinc-Rich IM Primers, Primers, Sealers, and Undercoaters, including Quick-Dry Primers, Sealers, and Undercoaters and Specialty Primers, Rust Prevent

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Option 1.
Pre-checked for LEED v4.1 Option 1.

Third Party Verified?

- Yes
 No

PREPARER: Self-Prepared
VERIFIER:
VERIFICATION #:

SCREENING DATE: 2024-09-25
PUBLISHED DATE: 2024-09-25
EXPIRY DATE: 2027-09-25

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 2.3, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-3-standard

SIKAREP®-200 MULTI

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities are determined based on information provided in supplier documentation. All residuals and impurities within the threshold are included

OTHER PRODUCT NOTES:

UNDISCLOSED

ID: **Undisclosed**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2024-09-17 5:02:03**

%: **35.0000 - 45.0000**

GreenScreen: **BM-3**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Filler**

HAZARD TYPE

LIST NAME AND SOURCE

WARNINGS

EYE

GHS - New Zealand

Eye irritation category 2

ADDITIONAL LISTINGS

LIST NAME AND SOURCE

NOTIFICATION

None found

No listings found on Additional Hazard Lists

SUBSTANCE NOTES: The percentage of this substance used is given as a range in order to protect the proprietary nature of this formulation. This substance is shown as undisclosed to preserve integrity of formula and maintain competitive advantage. The component CAS# was used to identify associated hazards.

UNDISCLOSED

ID: **Undisclosed**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2024-09-17 5:10:38**

%: **35.0000 - 45.0000**

GreenScreen: **BM-3dg**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Filler**

HAZARD TYPE

LIST NAME AND SOURCE

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS

LIST NAME AND SOURCE

NOTIFICATION

None found

No listings found on Additional Hazard Lists

SUBSTANCE NOTES: The percentage of this substance used is given as a range in order to protect the proprietary nature of this formulation. This substance is shown as undisclosed to preserve integrity of formula and maintain competitive advantage. The component CAS# was used to identify associated hazards.

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2024-09-17 5:11:19**

%: 20.0000 - 30.0000	GreenScreen: LT-P1	RC: PostC	NANO: No	SUBSTANCE ROLE: Binder
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
CAN	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification		
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor		
MAM	GHS - Japan	H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]		
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		
None found		No listings found on Additional Hazard Lists		

SUBSTANCE NOTES: The percentage of this substance used is given as a range in order to protect the proprietary nature of this formulation. This substance is shown as undisclosed to preserve integrity of formula and maintain competitive advantage. The component CAS# was used to identify associated hazards.

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2024-09-17 5:12:19**

%: 0.1000 - 2.0000	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Adhesive
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
CAN	GHS - Australia	H350i - May cause cancer by inhalation [Carcinogenicity - Category 1A or 1B]		
MAM	GHS - Japan	H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]		
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 - Australia	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
None found		No listings found on Additional Hazard Lists		

SUBSTANCE NOTES: The percentage of this substance used is given as a range in order to protect the proprietary nature of this formulation. This substance is shown as undisclosed to preserve integrity of formula and maintain competitive advantage. The component CAS# was used to identify associated hazards.

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

Emicode EC1 PLUS- very low emission

CERTIFYING PARTY: Third Party

ISSUE DATE: 2022-12-15 00:00:00

CERTIFIER OR LAB: Eurofins

APPLICABLE FACILITIES: Sika Hellas at Kryoneri, Athens, Greece

EXPIRY DATE:

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES:

VOC CONTENT

SCAQMD Rule 1113 Architectural Coatings - Concrete curing compounds, Industrial Maintenance (IM) Coatings, Zinc-Rich IM Primers, Primers, Sealers, and Undercoaters, including Quick-Dry Primers, Sealers, and Undercoaters and Specialty Primers, Rust Prevent

CERTIFYING PARTY: Third Party

ISSUE DATE: 2022-12-22 00:00:00

CERTIFIER OR LAB: Eurofins

APPLICABLE FACILITIES: Sika Hellas at Kryoneri, Athens, Greece

EXPIRY DATE:

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: Product Type declared by SCAQMD 1113 is Default Coatings

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

USES

- High-thickness patch repairs, crack filling, pointing, leveling and rendering of new or existing masonries (brick, stone, mixed, e.t.c.).
- Patch repairs in existing plasters.
- Concrete (non-structural) repair and re-profiling or re-surfacing of damages areas on vertical or horizontal surfaces. Honey comb filling, small defects, edges such as balconies, barriers, e.t.c. and joint side filling, forming and finishing of joints and coverings.
- Suitable for use in load-bearing masonry walls prior to Textile Reinforced Mortar (TRM) systems or other traditional, strengthening solutions.
- Suitable for use as a construction mortar in masonries and as a leveling mortar prior to various applications.
- Suitable for use as a rendering mortar with grid (Sika® Fibernet, 110gr/m²) embedding.
- Suitable for use as a general purpose mortar (type GP CS-IV, according to EN 998-1) for renderings in internal and external applications.
- Suitable for use as general purpose masonry mortar (classified as G, according to EN 998-2) for external use in elements subject to structural requirements
- Suitable for restoration works (Principle 3, Methods 3.1 & 3.3 of EN 1504-9). Repair of spalling and damaged concrete in buildings.
- Suitable for preserving or restoring passivity (Principle 7, Method 7.2 of EN 1504-9). Replacing contaminated or carbonated concrete.

CHARACTERISTICS / ADVANTAGES

- Class R2, according to EN 1504-3
- General purpose (GP) mortar, according to EN 998-1
- Class M20/ G type, according to EN 998-2
- Ideal for high-thickness applications of between 5 mm and 60 mm (per layer)
- Excellent workability, thixotropy and finishing
- Good dimension stability with no sagging even in high thickness applications
- Low modulus of elasticity: the product follows the masonry's deformations without detachment
- Suitable for non-structural patch repair works of low to medium concrete strength class, due to similar elastic modulus
- Reduced consumption due to the special light-weight formulation

- Very good adhesion on porous substrates, such as bricks, natural stones, concrete, e.t.c.

APPROVALS / CERTIFICATES

- CE Marking and Declaration of Performance to EN 1504-3 - Concrete repair product for non-structural repair
- CE Marking and Declaration of Performance to EN 998-2 - Designed general purpose mortar for external use in elements subject to structural requirements
- CE Marking and Declaration of Performance to EN 998-1 - General purpose rendering / plastering mortar for external and internal use (GP)

MANUFACTURER INFORMATION

MANUFACTURER: **SIKA Hellas**
 ADDRESS: **Protomagias 15**
Athens, Attica 14568
 COUNTRY: **Greece**

WEBSITE: **http://grc.sika.com/**
 CONTACT NAME: **Aggeliki Zacharopoulou**
 TITLE: **EHS-QA-Manager**
 PHONE: **2111080246**
 EMAIL: **zacharopoulou.aggeliki@gr.sika.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

