

HPD UNIQUE IDENTIFIER: 24587

CLASSIFICATION: 09 96 00 High-Performance Coatings

PRODUCT DESCRIPTION: HELMIBOND 6540 is a ready to use, one-component, solvent-free, water-based acrylic primer formulated to enhance and improve adhesion properties over various types of porous and non-porous substrates.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format	Threshold level	Residuals/Impurities	<i>All Substances Above the Threshold Indicated Are:</i>
<input type="radio"/> Nested Materials Method	<input type="radio"/> 100 ppm	<input type="radio"/> Considered	Characterized <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No
<input checked="" type="radio"/> Basic Method	<input checked="" type="radio"/> 1,000 ppm	<input checked="" type="radio"/> Partially Considered	% weight and role provided for all substances.
Threshold Disclosed Per	<input type="radio"/> Per GHS SDS	<input type="radio"/> Not Considered	Screened <input type="radio"/> Yes Ex/SC <input type="radio"/> Yes <input checked="" type="radio"/> No
<input type="radio"/> Material	<input type="radio"/> Other	<b>Explanation(s) provided for Residuals/Impurities?</b>	<i>One or more substances not screened using Priority Hazard Lists with results disclosed and/ or one or more Special Condition did not follow guidance.</i>
<input checked="" type="radio"/> Product		<input checked="" type="radio"/> Yes <input type="radio"/> No	Identified <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No
			<i>All substances disclosed by Name (Specific or Generic) and 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.

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

HELMIBOND 6540 [ WATER (PRIMARY CASRN IS 7732-18-5) BM-4 2-PROPENOIC ACID, POLYMER WITH BUTYL 2-PROPENOATE AND ETHENYLBENZENE LT-UNK DEANOL (PRIMARY CASRN IS 108-01-0) Not Screened UREA (PRIMARY CASRN IS 57-13-6) Not Screened ]

Number of Greenscreen BM-4/BM3 contents ... 1  
 Contents highest concern GreenScreen Benchmark or List translator Score ... LT-UNK  
 Nanomaterial ... No

**INVENTORY AND SCREENING NOTES:**  
 Ingredients above 1000 ppm and meeting US GHS SDS disclosure requirements are disclosed.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

Material (g/l): <1                      Regulatory (g/l): 50  
 Does the product contain exempt VOCs: No  
 Are ultra-low VOC tints available: N/A

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

VOC emissions: VOC Emission  
 VOC content: VOC  
 Management: ISO 9001:2015 Quality management systems

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?	PREPARER: Self-Prepared	SCREENING DATE: 2021-04-22
<input type="radio"/> Yes	VERIFIER:	PUBLISHED DATE: 2021-04-27
<input checked="" type="radio"/> No	VERIFICATION #:	EXPIRY DATE: 2024-04-22

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

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## HELMIBOND 6540

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Partially

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities are partially considered.

OTHER PRODUCT NOTES: HELMIBOND 6540 is a ready to use, one-component, solvent-free, water-based acrylic primer formulated to enhance and improve adhesion properties over various types of porous and non-porous substrates.

**WATER (PRIMARY CASRN IS 7732-18-5)**

ID: 652133-48-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-04-22 8:17:18**%: **60.0000 - 80.0000** GS: **BM-4** RC: **None** NANO: **No** SUBSTANCE ROLE: **Solvent**

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

SUBSTANCE NOTES:

**2-PROPENOIC ACID, POLYMER WITH BUTYL 2-PROPENOATE AND ETHENYLBENZENE**

ID: 25586-20-3

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-04-22 8:44:34**%: **10.0000 - 30.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Intermediate**

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

SUBSTANCE NOTES:

**DEANOL (PRIMARY CASRN IS 108-01-0)**

ID: 1404326-81-3

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **Not Screened**%: **0.5000 - 1.5000** GS: **Not Screened** RC: **None** NANO: **No** SUBSTANCE ROLE: **Biocide**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
	Hazard Screening not performed	

SUBSTANCE NOTES:

**UREA (PRIMARY CASRN IS 57-13-6)**

ID: 923953-70-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **Not Screened**%: **0.1000 - 1.0000** GS: **Not Screened** RC: **None** NANO: **No** SUBSTANCE ROLE: **Biocide**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
	Hazard Screening not performed	

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	VOC Emission		
CERTIFYING PARTY: Self-declared APPLICABLE FACILITIES: 11110 Airport Road Olive Branch, MS 38654 CERTIFICATE URL: CERTIFICATION AND COMPLIANCE NOTES:	ISSUE DATE: 2021-03-22	EXPIRY DATE: 2022-03-01	CERTIFIER OR LAB: Helmitin Inc.
VOC CONTENT	VOC		
CERTIFYING PARTY: Self-declared APPLICABLE FACILITIES: 11110 Airport Road Olive Branch, MS 38654 CERTIFICATE URL: CERTIFICATION AND COMPLIANCE NOTES: VOC <1g/L	ISSUE DATE: 2021-02-22	EXPIRY DATE: 2022-03-01	CERTIFIER OR LAB: Helmitin Inc.
MANAGEMENT	ISO 9001:2015 Quality management systems		
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: Helmitin - Olive Branch, MS CERTIFICATE URL: CERTIFICATION AND COMPLIANCE NOTES:	ISSUE DATE: 2020-06-21	EXPIRY DATE: 2023-06-21	CERTIFIER OR LAB: SGS International

## 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

HELMIBOND 6540 can be used on interior porous and non-porous surfaces. Surface to be covered must be clean, smooth, dry and free of moisture. Any foreign materials present such as paint, grease, oil, pen markings, sealers, curing compounds, adhesive residues, etc. that may prevent a proper bond must be removed. Thoroughly clean surface to remove all dirt and debris.

HELMIBOND 6540 is not a moisture/vapor barrier. Installation of a 0.010" or greater effective moisture retarder is recommended directly under all on and below grade concrete floors with its integrity insured. Regardless of age, all concrete floors below, on and above grade shall be tested for moisture according to the latest revisions of ASTM F2170 (Standard Test Method for Determining Relative Humidity in Concrete Floor Slabs Using in situ Probes) and ASTM F1869 (Standard Test Method for Measuring Moisture Vapor Emission Rate of Concrete Subfloor Using Anhydrous Calcium Chloride. When tested according to ASTM F2170, internal relative humidity (RH) shall not exceed 90%. When tested according to ASTM F1869, moisture vapor emission rate (MVER) shall not exceed 8 lbs./1000 ft<sup>2</sup>/24 hours.

**MANUFACTURER INFORMATION**

MANUFACTURER: **Helmitin Inc.**  
 ADDRESS: **11110 Airport Road**  
**Olive Branch Mississippi 38654, United States**  
 WEBSITE: **http://www.helmitin.com**

CONTACT NAME: **Scott Holman**  
 TITLE: **Director of Compliance & IT**  
 PHONE: **437-370-0042**  
 EMAIL: **s.holman@helmitin.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**

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

**GreenScreen (GS)**

<b>BM-4</b> Benchmark 4 (prefer-safer chemical)	<b>LT-1</b> List Translator 1 (Likely Benchmark-1)
<b>BM-3</b> Benchmark 3 (use but still opportunity for improvement)	<b>LT-UNK</b> List Translator Benchmark Unknown (the chemical is present on at least one GreenScreen Specified List, but the information contained within the list did not result in a clear mapping to a LT-1 or LTP1 score.)
<b>BM-2</b> Benchmark 2 (use but search for safer substitutes)	
<b>BM-1</b> Benchmark 1 (avoid - chemical of high concern)	
<b>BM-U</b> Benchmark Unspecified (due to insufficient data)	
<b>LT-P1</b> List Translator Possible 1 (Possible Benchmark-1)	<b>NoGS</b> No GreenScreen.

**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.*