COROTECH WATERBORNE URETHANE (V540)
by Benjamin Moore & Co.

CLASSIFICATION: 09 00 00.00 Finishes: Finishes

PRODUCT DESCRIPTION: This coating produces an extremely durable, chemical resistant surface with the benefits of soap and water clean-up. Provides outstanding gloss retention and resists scratches and abrasion. This is a two component product that requires 3.75 parts of the proper "A" component mixed with 1 part of part "B" catalyst. The components are already premeasured to the proper mix ratio. No measuring required. Do not mix partial kits.

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

All Substances Above the Threshold Indicated Are:
- Characterized
  - Yes Ex/SC
  - Yes
  - No

- Screened
  - Yes Ex/SC
  - Yes
  - No

- Identified
  - Yes Ex/SC
  - Yes
  - No

Explanation(s) provided for Residuals/Impurities?
- Yes
- 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.

MATERIAL | SUBSTANCE | RESIDUAL OR IMPURITY | GREENSCREEN SCORE | HAZARD TYPE
--- | --- | --- | --- | ---
COROTECH WATERBORNE URETHANE (V540) | WATER BM-4 | ACRYLIC ACID LT-P1 | AQU | SKI | MUL
HOMOPOLYMER (HDI HOMOPOLYMER) LT-P1 | POLYISOCYANATE COMPOUNDS NoGS OLY(1,2-ETHANEDIYL), ALPHA-(3-(3-(2H-BENZOTRIAZOL-2-YL)-5-(1,1-DIMETHYLETHYL)-4-HYDROXYPHENYL)-1-OXOPROPYL)-OMEGA-HYDROXY-DIPROPYLENE GLYCOL MONOMETHYL ETHER LT-UNK | NoGS | NoGS |

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

Material (g/l): 2.302
Regulatory (g/l): 22.767

Does the product contain exempt VOCs: No
Are ultra-low VOC tints available: Yes

CERTIFICATIONS AND COMPLIANCE

VOC emissions: CDPH Standard Method V1.1 (Section 01350/CHPS) - Classroom & Office scenario
VOC content: SCAQMD Rule 1113 Architectural Coatings - Flats, floor coatings, non flat coatings, quick dry enamels, roof coatings only - 2007 amendments

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?
- Yes
- No

PREPARER: Self-Prepared
VERIFIER:
VERIFICATION #:
SCREENING DATE: 2019-01-04
PUBLISHED DATE: 2019-01-04
EXPIRY DATE: 2022-01-04

COROTECH WATERBORNE URETHANE (V540)
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HPD v2.1.1 created via HPDC Builder Page 1 of 5
### COROTECH WATERBORNE URETHANE (V540)

**PRODUCT THRESHOLD:** 100 ppm  
**RESIDUALS AND IMPURITIES CONSIDERED:** Yes  
**RESIDUALS AND IMPURITIES NOTES:** Residuals and Impurities based on information provided by raw material suppliers  
**OTHER PRODUCT NOTES:** None

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<th>WATER</th>
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| **HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2019-01-04 |
| **%:** 40.0000 - 50.0000 |
| **GS:** BM-4  
**RC:** None  
**NANO:** No  
**ROLE:** Solvent/Thinner |
| **HAZARD TYPE**  
**AGENCY AND LIST TITLES**  
**WARNINGS** |
| No hazards found |
| **SUBSTANCE NOTES:** None |

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<th>ACRYLIC ACID</th>
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| **HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2019-01-04 |
| **%:** 20.0000 - 30.0000 |
| **GS:** LT-P1  
**RC:** None  
**NANO:** No  
**ROLE:** Binder |
| **HAZARD TYPE**  
**AGENCY AND LIST TITLES**  
**WARNINGS** |
| **ACUTE AQUATIC**  
EU - GHS (H-Statements)  
H400 - Very toxic to aquatic life |
| **SKIN IRRITATION**  
EU - GHS (H-Statements)  
H314 - Causes severe skin burns and eye damage |
| **MULTIPLE**  
German FEA - Substances Hazardous to Waters  
Class 2 - Hazard to Waters |
| **SUBSTANCE NOTES:** None |

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<th>HEXAMETHYLENE DIISOCYANATE HOMOPOLYMER (HDI HOMOPOLYMER)</th>
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**HAZARD SCREENING DATE:** 2019-01-04 |
| **%:** 15.0000 - 30.0000 |
| **GS:** LT-P1  
**RC:** None  
**NANO:** No  
**ROLE:** Catalyst |
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<th>POLYISOCYANATE COMPOUNDS</th>
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<td>%: 0.0500 - 1.0000</td>
<td>GS: LT-UNK</td>
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<td>RC: None</td>
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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

CDPH Standard Method V1.1 (Section 01350/CHPS) - Classroom & Office scenario

| CERTIFYING PARTY: | Third Party |
| APPLICABLE FACILITIES: | All |
| ISSUE DATE: | 2016-12-13 |
| EXPIRY DATE: | 2019-12-13 |
| CERTIFIER OR LAB: | Berkeley Analytical |
| CERTIFICATION AND COMPLIANCE NOTES: | None |

VOC CONTENT

SCAQMD Rule 1113 Architectural Coatings - Flats, floor coatings, non flat coatings, quick dry enamels, roof coatings only - 2007 amendments

| CERTIFYING PARTY: | Self-declared |
| APPLICABLE FACILITIES: | All |
| ISSUE DATE: | 2019-01-04 |
| EXPIRY DATE: | CERTIFIER OR LAB: N/A |
| CERTIFICATION AND COMPLIANCE NOTES: | None |

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.

GENNEX COLORANTS (229) HPD URL: No HPD available

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:
Required for all tinted products

Section 5: General Notes

TDS and SDS available on www.benjaminmoore.com
MANUFACTURER INFORMATION

MANUFACTURER: Benjamin Moore & Co.
ADDRESS: 101 Paragon Dr
Montvale New Jersey 07645, United States
WEBSITE: www.Benjaminmoore.com

CONTACT NAME: Edja Kouassi
TITLE: Technical Project Manager
PHONE: 973-252-2607
EMAIL: Edja.kouassi@benjaminmoore.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.