

HPD UNIQUE IDENTIFIER: 32107  
CLASSIFICATION: 03 39 23.13 Chemical Compound Membrane Concrete Curing  
PRODUCT DESCRIPTION: Concrete Curing Compound

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

|                                                                                                                                     |                                                                                                                                                                           |                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Inventory Reporting Format</b><br><input type="radio"/> Nested Materials Method<br><input checked="" type="radio"/> Basic Method | <b>Threshold Level</b><br><input type="radio"/> 100 ppm<br><input type="radio"/> 1,000 ppm<br><input checked="" type="radio"/> Per GHS SDS<br><input type="radio"/> Other | <b>Residuals/Impurities Evaluation</b><br><input type="radio"/> Completed<br><input type="radio"/> Partially Completed<br><input checked="" type="radio"/> Not Completed<br><br><b>Explanation(s) provided :</b><br><input checked="" type="radio"/> Yes <input type="radio"/> No | <i>For all contents above the threshold, the manufacturer has:</i><br><b>Characterized</b> <input checked="" type="radio"/> Yes <input type="radio"/> No<br><i>Provided weight and role.</i><br><b>Screened</b> <input checked="" type="radio"/> Yes <input type="radio"/> No<br><i>Provided screening results using HPDC-approved methods.</i><br><b>Identified</b> <input checked="" type="radio"/> Yes <input type="radio"/> No<br><i>Provided name and CAS RN or other identifier.</i> |
| <b>Threshold Disclosed Per</b><br><input type="radio"/> Material<br><input checked="" type="radio"/> Product                        |                                                                                                                                                                           |                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

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  
2245-WHITE 3022450 [ AROMATIC 100 (AROMATIC NAPHTHA, TYPE 1) LT-1 | END | CAN | MUL | GEN | MAM | SKI | EYE 1,2,4-TRIMETHYLBENZENE BM-2 | MUL | SKI | EYE | AQU TITANIUM DIOXIDE LT-1 | CAN | END | MAM ]

Number of Greenscreen BM-4/BM3 contents ... 0  
Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... LT-1  
Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

Threshold is per GHS SDS.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

Material (g/l): 319                      Regulatory (g/l): 319  
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: N/A  
VOC content: EPA Method 24 - Volatile Matter Content (EPA 24)

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

|                                                                                           |                                                         |                                                                                     |
|-------------------------------------------------------------------------------------------|---------------------------------------------------------|-------------------------------------------------------------------------------------|
| Third Party Verified?<br><input type="radio"/> Yes<br><input checked="" type="radio"/> No | PREPARER: Self-Prepared<br>VERIFIER:<br>VERIFICATION #: | SCREENING DATE: 2022-12-06<br>PUBLISHED DATE: 2023-04-05<br>EXPIRY DATE: 2025-12-06 |
|-------------------------------------------------------------------------------------------|---------------------------------------------------------|-------------------------------------------------------------------------------------|

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](http://www.hpd-collaborative.org/hpd-2-3-standard)

2245-WHITE 3022450

PRODUCT THRESHOLD: Per GHS SDS

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: No

RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities not completed.

OTHER PRODUCT NOTES: Composition ranges are provided to protect proprietary information.

AROMATIC 100 (AROMATIC NAPHTHA, TYPE 1)

ID: 64742-95-6

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2023-02-09 21:12:44

%: 10.0000 - 15.0000

GreenScreen: LT-1

RC: None

NANO: Unknown

SUBSTANCE ROLE: Solvent

| HAZARD TYPE         | LIST NAME AND SOURCE                        | WARNINGS                                                                                                                                |
|---------------------|---------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| END                 | TEDX - Potential Endocrine Disruptors       | Potential Endocrine Disruptor                                                                                                           |
| CAN                 | EU - REACH Annex XVII CMRs                  | Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man                                          |
| CAN                 | EU - Annex VI CMRs                          | Carcinogen Category 1B - Presumed Carcinogen based on animal evidence                                                                   |
| MUL                 | ChemSec - SIN List                          | CMR - Carcinogen, Mutagen &/or Reproductive Toxicant                                                                                    |
| MUL                 | German FEA - Substances Hazardous to Waters | Class 3 - Severe Hazard to Waters                                                                                                       |
| GEN                 | EU - REACH Annex XVII CMRs                  | Mutagen Category 2 - Substances which should be regarded as if they are Mutagenic to man                                                |
| GEN                 | EU - Annex VI CMRs                          | Mutagen - Category 1B                                                                                                                   |
| CAN                 | GHS - Australia                             | H350 - May cause cancer [Carcinogenicity - Category 1A or 1B]                                                                           |
| GEN                 | GHS - Australia                             | H340 - May cause genetic defects [Germ cell mutagenicity - Category 1A or 1B]                                                           |
| CAN                 | EU - GHS (H-Statements) Annex 6 Table 3-1   | H350 - May cause cancer [Carcinogenicity - Category 1A or 1B]                                                                           |
| MAM                 | EU - GHS (H-Statements) Annex 6 Table 3-1   | H304 - May be fatal if swallowed and enters airways [Aspiration hazard - Category 1]                                                    |
| GEN                 | EU - GHS (H-Statements) Annex 6 Table 3-1   | H340 - May cause genetic defects [Germ cell mutagenicity - Category 1A or 1B]                                                           |
| SKI                 | GHS - Australia                             | H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]                                                                  |
| EYE                 | GHS - Australia                             | H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]                                                  |
| 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                                                                                                                            |
| RESTRICTED LIST     | Green Science Policy Institute (GSPI)       | GSPI - Six Classes of Problematic Chemicals<br>Antimicrobials                                                                           |
| RESTRICTED LIST     | Green Science Policy Institute (GSPI)       | GSPI - Six Classes of Problematic Chemicals<br>Some Solvents                                                                            |
| SUBSTANCE NOTES:    |                                             |                                                                                                                                         |

1,2,4-TRIMETHYLBENZENE

ID: 95-63-6

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2023-02-09 21:12:46

%: 1.0000 - 5.0000

GreenScreen: BM-2

RC: None

NANO: Unknown

SUBSTANCE ROLE: Solvent

| HAZARD TYPE         | LIST NAME AND SOURCE                        | WARNINGS                                                                                                             |
|---------------------|---------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| MUL                 | German FEA - Substances Hazardous to Waters | Class 2 - Hazard to Waters                                                                                           |
| SKI                 | EU - GHS (H-Statements) Annex 6 Table 3-1   | H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]                                               |
| EYE                 | EU - GHS (H-Statements) Annex 6 Table 3-1   | H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]                               |
| AQU                 | EU - GHS (H-Statements) Annex 6 Table 3-1   | H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2] |
| EYE                 | GHS - New Zealand                           | Eye irritation category 2                                                                                            |
| SKI                 | GHS - Australia                             | H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]                                               |
| EYE                 | GHS - Australia                             | H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]                               |
| AQU                 | GHS - New Zealand                           | Hazardous to the aquatic environment - chronic category 2                                                            |
| AQU                 | GHS - Australia                             | H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2] |
| AQU                 | GHS - Japan                                 | H401 - Toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 2]                             |
| AQU                 | GHS - Japan                                 | H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2] |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                        | NOTIFICATION                                                                                                         |
| RESTRICTED LIST     | Green Science Policy Institute (GSPI)       | GSPI - Six Classes of Problematic Chemicals<br><br>Some Solvents                                                     |
| SUBSTANCE NOTES:    |                                             |                                                                                                                      |

TITANIUM DIOXIDE

ID: 13463-67-7

|                         |                                       |                        |                     |
|-------------------------|---------------------------------------|------------------------|---------------------|
| HAZARD DATA SOURCE:     | Pharos Chemical and Materials Library | HAZARD SCREENING DATE: | 2023-02-09 21:12:48 |
| %: 1.0000 - 5.0000      | GreenScreen: LT-1                     | RC: None               | NANO: Unknown       |
| 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                 | 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] |
| CAN                 | EU - Annex VI CMRs                                      | Carcinogen Category 2 - Suspected human Carcinogen                                                                                                        |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                                    | NOTIFICATION                                                                                                                                              |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022                                                               |
|                     |                                                         | Cosmetics & Personal Care Products                                                                                                                        |
| POSITIVE LIST       | US Environmental Protection Agency (US EPA)             | US EPA - DfE Safer Chemicals Ingredients list (SCIL)                                                                                                      |
|                     |                                                         | Colorants - Green Circle (Verified Low Concern)                                                                                                           |
| 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                       | N/A                    |                        |
|-------------------------------------|------------------------|------------------------|
| CERTIFYING PARTY: Self-declared     | ISSUE DATE: 2022-12-06 | CERTIFIER OR LAB: None |
| APPLICABLE FACILITIES: All.         | EXPIRY DATE:           |                        |
| CERTIFICATE URL:                    |                        |                        |
| CERTIFICATION AND COMPLIANCE NOTES: |                        |                        |

  

| VOC CONTENT                         | EPA Method 24 - Volatile Matter Content (EPA 24) |                         |
|-------------------------------------|--------------------------------------------------|-------------------------|
| CERTIFYING PARTY: Self-declared     | ISSUE DATE: 2022-12-06                           | CERTIFIER OR LAB: None. |
| APPLICABLE FACILITIES: All.         | EXPIRY DATE:                                     |                         |
| 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.

## Section 5: General Notes

Residuals/Impurities have not provided to the manufacturer.

## MANUFACTURER INFORMATION

**MANUFACTURER:** W. R. MEADOWS  
**ADDRESS:** 300 Industrial Drive  
 Hampshire Illinois 60140, United States  
**WEBSITE:** <https://www.wrmeadows.com/>

**CONTACT NAME:** Kimberly Lombardozzi  
**TITLE:** Sustainability Manager  
**PHONE:** 8472142100  
**EMAIL:** [klombardozzi@wrmeadows.com](mailto:klombardozzi@wrmeadows.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-P1</b> List Translator Possible 1 (Possible Benchmark-1) |
| <b>BM-3</b> Benchmark 3 (use but still opportunity for improvement) | <b>LT-1</b> List Translator 1 (Likely Benchmark-1)             |
| <b>BM-2</b> Benchmark 2 (use but search for safer substitutes)      | <b>LT-UNK</b> List Translator Benchmark Unknown                |
| <b>BM-1</b> Benchmark 1 (avoid - chemical of high concern)          | <b>NoGS</b> No GreenScreen.                                    |
| <b>BM-U</b> 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](http://www.greenscreenchemicals.org), and Best Practices for Hazard Screening on the HPDC website ([hpd-collaborative.org](http://hpd-collaborative.org)).

### Recycled Types

|                                                     |
|-----------------------------------------------------|
| <b>PreC</b> Pre-consumer recycled content           |
| <b>PostC</b> Post-consumer recycled content         |
| <b>UNK</b> Inclusion of recycled content is unknown |
| <b>None</b> Does not include recycled content       |

### Other Terms:

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

### Inventory Methods:

|                                                                                                                       |
|-----------------------------------------------------------------------------------------------------------------------|
| <b>Nested Method / Material Threshold</b> Substances listed within each material per threshold indicated per material |
| <b>Nested Method / Product Threshold</b> Substances listed within each material per threshold indicated per product   |
| <b>Basic Method / Product Threshold</b> 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.*