



HPD UNIQUE IDENTIFIER: 1082198228992

CLASSIFICATION: 07 10 00 Dampproofing and Waterproofing

PRODUCT DESCRIPTION: Schluter-DITRA and DITRA-XL are specifically designed for ceramic and stone tile installations. DITRA and DITRA-XL provide uncoupling to prevent cracked tile and grout. DITRA and DITRA-XL serve as a waterproofing layer that protects moisture-sensitive substrates, such as plywood/OSB. Free-space on the underside of the matting provides a route for excess moisture and vapor to prevent damage to the tile layer above. DITRA and DITRA-XL perform all these functions while still providing adequate support/load distribution for the tile covering. This HPD covers the following products: DITRA 5M, DITRA 150, DITRA 30M, and DITRA-XL/175.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

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

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

DITRA [ POLYPROPYLENE LT-UNK POLYETHYLENE LT-UNK  
TITANIUM DIOXIDE BM-1 CAN | END | MAM PHOSPHOROUS  
TRICHLORIDE, REACTION PRODUCTS WITH 1,1'-BIPHENYL AND 2,4-  
BIS(1,1-METHYLETHYL)PHENOL LT-UNK BENZENEPROPANOIC  
ACID, 3,5-BIS(1,1-DIMETHYLETHYL)-4-HYDROXY-, 2,2-BIS[[3-[3,5-  
BIS(1,1-DIMETHYLETHYL) -4-HYDROXYPHENYL]-1-  
OXOPROPOXY]METHYL ]-1,3-PROPANEDIYL ESTER LT-UNK  
AMINES, BIS(HYDROGENATED TALLOW ALKYL), OXIDIZED LT-UNK  
PHENOL, 2,4-BIS(1,1-DIMETHYLETHYL)-, PHOSPHITE (3:1) LT-UNK  
CERIUM OXIDE (CEO2) BM-1 MAM ]

Number of Greenscreen BM-4/BM3 contents ... 0

Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... BM-1

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

This Health Product Declaration (HPD) was created using supplier-provided data in accordance with the HPD Standard version 2.3, and discloses hazards associated with all substances present at or above 100 parts per million (ppm) in the finished product, along with the role and percent weight.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE See Section 3 for additional listings.

VOC emissions: CDPH Standard Method V1.2 (Section 01350/CHPS) - Classroom & Office scenario

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Option 1.

Pre-checked for LEED v4.1 Option 1.

|                                      |                                         |                            |
|--------------------------------------|-----------------------------------------|----------------------------|
| Third Party Verified?                | PREPARER: Self-Prepared                 | SCREENING DATE: 2024-06-04 |
| <input checked="" type="radio"/> Yes | VERIFIER: WAP Sustainability Consulting | PUBLISHED DATE: 2024-06-13 |
| <input type="radio"/> No             | VERIFICATION #: zPr-21490               | EXPIRY DATE: 2027-06-04    |

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)

DITRA

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities were collected from suppliers and those that fall above the stated threshold are included.

OTHER PRODUCT NOTES:

POLYPROPYLENE

ID: 9003-07-0

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2024-06-08 8:39:01

%: 80.0000 - 95.0000

GreenScreen: LT-UNK

RC: None

NANO: No

SUBSTANCE ROLE: Structure component

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:

POLYETHYLENE

ID: 9002-88-4

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2024-06-08 8:39:04

%: 10.0000 - 20.0000

GreenScreen: LT-UNK

RC: None

NANO: No

SUBSTANCE ROLE: Structure component

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:

TITANIUM DIOXIDE

ID: 13463-67-7

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2024-06-08 8:39:09

%: 0.1000 - 1.0000

GreenScreen: BM-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                 | 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                                                                                                                                              |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Children's Products                                    |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Formulated Consumer Products                           |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Cosmetics & Personal Care Products                     |
| POSITIVE LIST       | US Environmental Protection Agency (US EPA)             | US EPA - DfE Safer Chemicals Ingredients list (SCIL)<br><br>Colorants - Green Circle (Verified Low Concern)                                               |

SUBSTANCE NOTES: Form-Specific Hazard: Titanium dioxide's GreenScreen Benchmark score and hazards are related to particulate inhalation, which is expected to occur only during manufacture, installation, maintenance, or demolition, due to activities such as sawing, sanding, grinding, or intensive cleaning. See HPDC's Special Conditions policy for more information. Manufacturer's Safety Data Sheet (SDS) offers occupational health and safety information.

PHOSPHOROUS TRICHLORIDE, REACTION PRODUCTS WITH 1,1'-BIPHENYL AND 2,4-BIS(1,1-METHYLETHYL)PHENOL

ID: 119345-01-6

|                                                                  |                            |                 |                                                  |                                   |  |
|------------------------------------------------------------------|----------------------------|-----------------|--------------------------------------------------|-----------------------------------|--|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                            |                 | HAZARD SCREENING DATE: <b>2024-06-08 8:39:15</b> |                                   |  |
| %: <b>0.0100 - 1.0000</b>                                        | GreenScreen: <b>LT-UNK</b> | RC: <b>None</b> | NANO: <b>No</b>                                  | SUBSTANCE ROLE: <b>Stabilizer</b> |  |

| 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:    |                      |                                                |

**BENZENEPROPANOIC ACID, 3,5-BIS(1,1-DIMETHYLETHYL)-4-HYDROXY-, 2,2-BIS[[3-[3,5-BIS(1,1-DIMETHYLETHYL) -4-HYDROXYPHENYL]-1-OXOPROPOXY]METHYL ]-1,3-PROPANEDIYL ESTER**

ID: **6683-19-8**

|                                                                  |                                             |                 |                                                                  |                                    |
|------------------------------------------------------------------|---------------------------------------------|-----------------|------------------------------------------------------------------|------------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                                             |                 | HAZARD SCREENING DATE: <b>2024-06-08 8:38:44</b>                 |                                    |
| %: <b>0.0100 - 0.1000</b>                                        | GreenScreen: <b>LT-UNK</b>                  | RC: <b>None</b> | NANO: <b>No</b>                                                  | SUBSTANCE ROLE: <b>Antioxidant</b> |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE                        |                 | WARNINGS                                                         |                                    |
| None found                                                       |                                             |                 | No warnings found on HPD Priority Hazard Lists                   |                                    |
| ADDITIONAL LISTINGS                                              | LIST NAME AND SOURCE                        |                 | NOTIFICATION                                                     |                                    |
| POSITIVE LIST                                                    | US Environmental Protection Agency (US EPA) |                 | US EPA - DfE Safer Chemicals Ingredients list (SCIL)             |                                    |
|                                                                  |                                             |                 | Preservatives-Antioxidants - Green Circle (Verified Low Concern) |                                    |
| SUBSTANCE NOTES:                                                 |                                             |                 |                                                                  |                                    |

**AMINES, BIS(HYDROGENATED TALLOW ALKYL), OXIDIZED**

ID: **143925-92-2**

|                                                                  |                            |                                                  |                                                |                                  |
|------------------------------------------------------------------|----------------------------|--------------------------------------------------|------------------------------------------------|----------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                            | HAZARD SCREENING DATE: <b>2024-06-08 8:39:36</b> |                                                |                                  |
| %: <b>0.0100 - 0.1000</b>                                        | GreenScreen: <b>LT-UNK</b> | RC: <b>None</b>                                  | NANO: <b>No</b>                                | SUBSTANCE ROLE: <b>Lubricant</b> |
| 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:                                                 |                            |                                                  |                                                |                                  |

**PHENOL, 2,4-BIS(1,1-DIMETHYLETHYL)-, PHOSPHITE (3:1)**

ID: **31570-04-4**

|                                                                  |                            |                 |                                                  |                                    |
|------------------------------------------------------------------|----------------------------|-----------------|--------------------------------------------------|------------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                            |                 | HAZARD SCREENING DATE: <b>2024-06-04 9:02:49</b> |                                    |
| %: <b>0.0100 - 0.1000</b>                                        | GreenScreen: <b>LT-UNK</b> | RC: <b>None</b> | NANO: <b>No</b>                                  | SUBSTANCE ROLE: <b>Antioxidant</b> |

| 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:    |                      |                                                |

CERIUM OXIDE (CEO2)

ID: 1306-38-3

|                                                                  |                          |                                                  |                                                                                                                                                           |                                |
|------------------------------------------------------------------|--------------------------|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                          | HAZARD SCREENING DATE: <b>2024-06-08 8:40:16</b> |                                                                                                                                                           |                                |
| %: <b>0.0100 - 0.1000</b>                                        | GreenScreen: <b>BM-1</b> | RC: <b>None</b>                                  | NANO: <b>No</b>                                                                                                                                           | SUBSTANCE ROLE: <b>Pigment</b> |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE     |                                                  | WARNINGS                                                                                                                                                  |                                |
| 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              |                                                  | H371 - May cause damage to organs [Specific target organs/systemic toxicity following single exposure - Category 2]                                       |                                |
| ADDITIONAL LISTINGS                                              | LIST NAME AND SOURCE     |                                                  | NOTIFICATION                                                                                                                                              |                                |
| None found                                                       |                          |                                                  | No listings found on Additional Hazard Lists                                                                                                              |                                |
| 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                         | CDPH Standard Method V1.2 (Section 01350/CHPS) - Classroom & Office scenario |                                 |
|---------------------------------------|------------------------------------------------------------------------------|---------------------------------|
| CERTIFYING PARTY: Third Party         | ISSUE DATE: 2024-03-11 00:00:00                                              | CERTIFIER OR LAB: International |
| APPLICABLE FACILITIES: All facilities | EXPIRY DATE:                                                                 | Product Assurance Laboratories  |
| 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

No general notes are applicable at this time.

## MANUFACTURER INFORMATION

MANUFACTURER: **Schluter Systems**  
ADDRESS: **194 Pleasant Ridge Road**  
**Plattsburgh, NY 12901**  
COUNTRY: **USA**

WEBSITE: **www.schluter.com**  
CONTACT NAME: **Kali Pharand**  
TITLE: **Product Standards and Sustainability Coordinator**  
PHONE: **800-472-4588**  
EMAIL: **Sustainability@schluter.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          |

|                              |                                                            |
|------------------------------|------------------------------------------------------------|
| <b>Nano</b>                  | Composed of nano scale particles or nanotechnology         |
| <b>Third Party Verified</b>  | Verification by independent certifier approved by HPDC     |
| <b>Preparer</b>              | Third party preparer, if not self-prepared by manufacturer |
| <b>Applicable facilities</b> | 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*

