



HPD UNIQUE IDENTIFIER: 1297829888

CLASSIFICATION: 09 65 16 Resilient Sheet Flooring

PRODUCT DESCRIPTION: Vinyl tile used in indoor commercial applications in a variety of industries including retail, hospitality, and healthcare. NOX Design LVT Flooring is warranted for medium to heavy commercial applications and can be installed over all types of subfloors including natural wood, concrete, one layer of existing vinyl, ceramic and uneven subfloors. Flooring provides durability, performance and aesthetic appeal to building interiors. This HPD covers NOX LVT (2mm-7mm), SUPREMWOOD+ and SUPREMSTONE+, which all have both color and design variations dependent on the tile's print layer.

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 checked="" 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                     | <i>Provided weight and role.</i>                                                   |
|                                                          | <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"/> Other              | <b>Explanation(s) provided :</b>                              | <i>Provided screening results using HPDC-approved methods.</i>                     |
| <b>Threshold Disclosed Per</b>                           |                                          | <input checked="" type="radio"/> Yes <input type="radio"/> No | <b>Identified</b> <input type="radio"/> Yes <input checked="" type="radio"/> No    |
| <input type="radio"/> Material                           |                                          |                                                               | <i>Provided name and CAS RN or other identifier.</i>                               |
| <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**  
**NOX LVT (2MM-7MM) SUPREMWOOD+ AND SUPREMSTONE+ [ LIMESTONE, CALCIUM CARBONATE BM-3dg POLYVINYL CHLORIDE (PVC) LT-P1 MAM BIS(2-ETHYLHEXYL) TEREPHTHALATE BM-3dg CONTINUOUS FILAMENT GLASS FIBER, NON-RESPIRABLE LT-UNK MAGNESIUM ALUMINUM HYDROXIDE CARBONATE LT-P1 UNDISCLOSED LT-UNK ZINC STEARATE LT-UNK | AQU CALCIUM STEARATE LT-UNK 1,3,5-TRIS(2-HYDROXYETHYL) ISOCYANURATE LT-UNK DIPROPYLENE GLYCOL DIACRYLATE LT-UNK | SKI | EYE POLY(OXY-1,2-ETHANEDIYL), ALPHA-(1-OXO-2-PROPEN1-YL)-OMEGA-((1-OXO-2-PROPEN-1-YL)OXY)- LT-UNK HEXANEDIOIC ACID, POLYMER WITH 1,2-ETHANEDIOL AND 1,6-DIISOCYANATO-2,2,4(OR 2,4,4)-TRIMETHYLHEXANE, 2-HYDROXYETHYL ACRYLATE-BLOCKED NoGS WATER BM-4 1,6-HEXANEDIOL DIACRYLATE LT-P1 | SKI | MUL | EYE | AQU TRIPROPYLENE GLYCOL DIACRYLATE LT-P1 | SKI | MUL | EYE | AQU METHYL BENZOYLFORMATE LT-UNK ZINC DIOLEATE LT-P1 | MUL ]**

Number of Greenscreen BM-4/BM3 contents ... 3  
Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... LT-P1  
Nanomaterial ... No  
**INVENTORY AND SCREENING NOTES:**

NOX Corporation worked with an HPDC Approved Preparer to confirm that all residuals and impurities were considered under the preparation of this HPD. This was accomplished by obtaining full formulation disclosure, including residuals and impurities, down to the 100 ppm threshold. This chemical has been identified and screened by the preparer. Due to its proprietary nature, this chemical and its CAS# were not able to be disclosed on this HPD.

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: RFCI FloorScore  
: Environmental Product Declaration (EPD) by SCS

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Option 1.  
Pre-checked for LEED v4 Option 2.  
Pre-checked for LEED v4.1 Option 1.  
Pre-checked for LEED v4.1 Option 2 (100%).  
Pre-checked for LEED v4.1 Option 2 (150%).

Third Party Verified?

- ☒ Yes
- ☐ No

PREPARER: ToxServices LLC  
VERIFIER: SCS Global Services  
VERIFICATION #: qGE-9422

SCREENING DATE: 2023-09-05  
PUBLISHED DATE: 2023-12-15  
EXPIRY DATE: 2026-09-05

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)

NOX LVT (2MM-7MM) SUPREMWOOD+ AND SUPREMSTONE+

|                                                                                                                                                                                                                                                                                                                          |                                                    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|
| PRODUCT THRESHOLD: 100 ppm                                                                                                                                                                                                                                                                                               | RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes |
| RESIDUALS AND IMPURITIES NOTES: NOX Corporation worked with an HPDC Approved Preparer to confirm that all residuals and impurities were considered under the preparation of this HPD. This was accomplished by obtaining full formulation disclosure, including residuals and impurities, down to the 100 ppm threshold. |                                                    |
| OTHER PRODUCT NOTES: This HPD covers NOX Luxury Vinyl Tile (2mm-5mm), SUPREMWOOD+ and SUPREMSTONE+ which all have both color and design variations dependent on the tile's print layer.                                                                                                                                  |                                                    |

LIMESTONE, CALCIUM CARBONATEID: 1317-65-3

|                                                                                                                       |                      |                                                |          |                        |
|-----------------------------------------------------------------------------------------------------------------------|----------------------|------------------------------------------------|----------|------------------------|
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library                                                             |                      | HAZARD SCREENING DATE: 2023-09-05 17:13:44     |          |                        |
| ?: 40.0000 - 55.0000                                                                                                  | 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 GreenScreen® Benchmark assessment score of BM-3dg was provided through the HPD 2.3 Builder Tool. |                      |                                                |          |                        |

POLYVINYL CHLORIDE (PVC)ID: 9002-86-2

|                                                           |                      |                                                                                                                                                           |          |                                     |
|-----------------------------------------------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------------------------------------|
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library |                      | HAZARD SCREENING DATE: 2023-09-05 17:13:45                                                                                                                |          |                                     |
| ?: 29.4120 - 40.0000                                      | GreenScreen: LT-P1   | RC: None                                                                                                                                                  | NANO: No | SUBSTANCE ROLE: Structure component |
| HAZARD TYPE                                               | LIST NAME AND SOURCE | WARNINGS                                                                                                                                                  |          |                                     |
| 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                                                                                                                                                               |
|---------------------|----------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RESTRICTED LIST     | Perkins+Will (P+W)                                       | P&W - Precautionary List<br><br>Precautionary list of substances recommended for avoidance                                                                                 |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Core Restrictions                                                       |
| RESTRICTED LIST     | International Living Future Institute (ILFI)             | Living Building Challenge 4.0 - Red List of Materials & Chemicals - Effective April 1, 2023<br><br>Red List substances to avoid in Living Building Challenge V4.0 projects |
| SUBSTANCE NOTES:    |                                                          |                                                                                                                                                                            |

BIS(2-ETHYLHEXYL) TEREPHTHALATE

ID: 6422-86-2

|                                                                                                                       |                                       |                                                |                                            |                             |
|-----------------------------------------------------------------------------------------------------------------------|---------------------------------------|------------------------------------------------|--------------------------------------------|-----------------------------|
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library                                                             |                                       |                                                | HAZARD SCREENING DATE: 2023-09-05 17:13:45 |                             |
| %: 15.0900 - 16.4500                                                                                                  | GreenScreen: BM-3dg                   | RC: None                                       | NANO: No                                   | SUBSTANCE ROLE: Plasticizer |
| HAZARD TYPE                                                                                                           | LIST NAME AND SOURCE                  | WARNINGS                                       |                                            |                             |
| None found                                                                                                            |                                       | No warnings found on HPD Priority Hazard Lists |                                            |                             |
| ADDITIONAL LISTINGS                                                                                                   | LIST NAME AND SOURCE                  | NOTIFICATION                                   |                                            |                             |
| RESTRICTED LIST                                                                                                       | Green Science Policy Institute (GSPI) | GSPI - Six Classes Precautionary List          |                                            |                             |
|                                                                                                                       |                                       | Some Solvents                                  |                                            |                             |
| SUBSTANCE NOTES: The GreenScreen® Benchmark assessment score of BM-3dg was provided through the HPD 2.3 Builder Tool. |                                       |                                                |                                            |                             |

CONTINUOUS FILAMENT GLASS FIBER, NON-RESPIRABLE

ID: 65997-17-3

| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                            |                                                | HAZARD SCREENING DATE: <b>2023-09-05 17:13:45</b> |                                        |
|------------------------------------------------------------------|----------------------------|------------------------------------------------|---------------------------------------------------|----------------------------------------|
| %: <b>1.6000 - 5.1600</b>                                        | GreenScreen: <b>LT-UNK</b> | RC: <b>None</b>                                | NANO: <b>No</b>                                   | SUBSTANCE ROLE: <b>Glass component</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                                                                             |
|---------------------|----------------------------------------------|------------------------------------------------------------------------------------------|
| EXEMPT              | European Union / European Commission (EU EC) | EU - REACH Exemptions<br><br>Exempted from REACH Annex V listing due to intrinsic safety |
| SUBSTANCE NOTES:    |                                              |                                                                                          |

MAGNESIUM ALUMINUM HYDROXIDE CARBONATE

ID: 11097-59-9

|                                                                  |                                                         |                                                                                             |                                                |                                   |
|------------------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------------------------------------------|------------------------------------------------|-----------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                                                         | HAZARD SCREENING DATE: <b>2023-09-05 17:13:46</b>                                           |                                                |                                   |
| %: <b>0.4620 - 1.3140</b>                                        | GreenScreen: <b>LT-P1</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                                   |                                   |
| RESTRICTED LIST                                                  | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |                                                |                                   |
|                                                                  |                                                         | Biological and Environmentally Released Materials                                           |                                                |                                   |
| RESTRICTED LIST                                                  | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |                                                |                                   |
|                                                                  |                                                         | Children's Products                                                                         |                                                |                                   |
| SUBSTANCE NOTES:                                                 |                                                         |                                                                                             |                                                |                                   |

UNDISCLOSED

ID: Undisclosed

|                                                                                                                                                                                       |                      |                                                |          |                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|------------------------------------------------|----------|---------------------------------|
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library                                                                                                                             |                      | HAZARD SCREENING DATE: 2023-09-05 17:13:45     |          |                                 |
| %: 0.2800 - 1.2000                                                                                                                                                                    | GreenScreen: LT-UNK  | RC: None                                       | NANO: No | SUBSTANCE ROLE: Glass 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: This chemical has been identified and screened by the preparer. Due to its proprietary nature, this chemical and its CAS# were not able to be disclosed on this HPD. |                      |                                                |          |                                 |

|                                                           |                                                         |                                                                                             |                                                         |                            |
|-----------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------------------------------------------|---------------------------------------------------------|----------------------------|
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library |                                                         |                                                                                             | HAZARD SCREENING DATE: 2023-09-06 12:46:26              |                            |
| %: 0.1680 - 0.6570                                        | GreenScreen: LT-UNK                                     | RC: None                                                                                    | NANO: No                                                | SUBSTANCE ROLE: Stabilizer |
| HAZARD TYPE                                               | LIST NAME AND SOURCE                                    |                                                                                             | WARNINGS                                                |                            |
| AQU                                                       | GHS - New Zealand                                       |                                                                                             | Hazardous to the aquatic environment - acute 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 |                                                         |                            |
|                                                           |                                                         | Biological and Environmentally Released Materials                                           |                                                         |                            |
| RESTRICTED LIST                                           | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |                                                         |                            |
|                                                           |                                                         | Children's Products                                                                         |                                                         |                            |
| SUBSTANCE NOTES:                                          |                                                         |                                                                                             |                                                         |                            |

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|------------------------------------------------------------------|----------------------------|------------------------------------------------|---------------------------------------------------|-----------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                            |                                                | HAZARD SCREENING DATE: <b>2023-09-05 17:13:45</b> |                                   |
| %: <b>0.0420 - 0.3290</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:                                                 |                            |                                                |                                                   |                                   |

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|------------------------------------------------------------------|----------------------------|------------------------------------------------|---------------------------------------------------|-----------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                            |                                                | HAZARD SCREENING DATE: <b>2023-09-05 17:13:46</b> |                                   |
| %: <b>0.0250 - 0.2850</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:                                                 |                            |                                                |                                                   |                                   |

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|------------------------------------------------------------------|----------------------------|----------------------------------------------|---------------------------------------------------|--------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                            |                                              | HAZARD SCREENING DATE: <b>2023-09-05 17:13:46</b> |                                |
| %: <b>0.0300 - 0.2000</b>                                        | GreenScreen: <b>LT-UNK</b> | RC: <b>None</b>                              | NANO: <b>No</b>                                   | SUBSTANCE ROLE: <b>Coating</b> |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE       | WARNINGS                                     |                                                   |                                |
| SKI                                                              | GHS - New Zealand          | Skin irritation category 2                   |                                                   |                                |
| 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:                                                 |                            |                                              |                                                   |                                |

|                                                            |                      |                                                |                                             |                         |
|------------------------------------------------------------|----------------------|------------------------------------------------|---------------------------------------------|-------------------------|
| HAZARD DATA SOURCE:  Pharos Chemical and Materials Library |                      |                                                | HAZARD SCREENING DATE:  2023-09-05 17:13:47 |                         |
| %: 0.0200 - 0.1500                                         | GreenScreen: LT-UNK  | RC: None                                       | NANO: No                                    | SUBSTANCE ROLE: Coating |
| 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:                                           |                      |                                                |                                             |                         |

|                                                            |                      |                                                |                                             |                         |
|------------------------------------------------------------|----------------------|------------------------------------------------|---------------------------------------------|-------------------------|
| HAZARD DATA SOURCE:  Pharos Chemical and Materials Library |                      |                                                | HAZARD SCREENING DATE:  2023-09-05 17:13:47 |                         |
| %: 0.0200 - 0.1250                                         | GreenScreen: NoGS    | RC: None                                       | NANO: No                                    | SUBSTANCE ROLE: Coating |
| 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:                                           |                      |                                                |                                             |                         |

|                                                                                                                     |                                              |                                                                                           |                                            |                                     |
|---------------------------------------------------------------------------------------------------------------------|----------------------------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------|-------------------------------------|
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library                                                           |                                              |                                                                                           | HAZARD SCREENING DATE: 2023-09-05 17:13:47 |                                     |
| %: 0.0000 - 0.1200                                                                                                  | GreenScreen: BM-4                            | 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                                                                              |                                            |                                     |
| EXEMPT                                                                                                              | European Union / European Commission (EU EC) | EU - REACH Exemptions<br><br>Exempted from REACH Annex IV listing due to intrinsic safety |                                            |                                     |
| SUBSTANCE NOTES: The GreenScreen® Benchmark assessment score of BM-4 was provided through the HPD 2.3 Builder Tool. |                                              |                                                                                           |                                            |                                     |

|                                                           |                                             |                                                                                                                           |                                            |                         |
|-----------------------------------------------------------|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|-------------------------|
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library |                                             |                                                                                                                           | HAZARD SCREENING DATE: 2023-09-05 17:13:47 |                         |
| %: 0.0001 - 0.0500                                        | GreenScreen: LT-P1                          | RC: None                                                                                                                  | NANO: No                                   | SUBSTANCE ROLE: Coating |
| HAZARD TYPE                                               | LIST NAME AND SOURCE                        | WARNINGS                                                                                                                  |                                            |                         |
| SKI                                                       | MAK                                         | Sensitizing Substance Sh - Danger of skin sensitization                                                                   |                                            |                         |
| 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]                                    |                                            |                         |
| SKI                                                       | GHS - New Zealand                           | Skin irritation 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]                                    |                                            |                         |
| SKI                                                       | GHS - New Zealand                           | Skin sensitisation category 1                                                                                             |                                            |                         |
| AQU                                                       | GHS - Japan                                 | H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]                             |                                            |                         |
| AQU                                                       | GHS - Japan                                 | H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1] |                                            |                         |
| ADDITIONAL LISTINGS                                       | LIST NAME AND SOURCE                        | NOTIFICATION                                                                                                              |                                            |                         |
| None found                                                |                                             | No listings found on Additional Hazard Lists                                                                              |                                            |                         |

SUBSTANCE NOTES:

TRIPROPYLENE GLYCOL DIACRYLATE

ID: 42978-66-5

HAZARD DATA SOURCE: Pharos Chemical and Materials Library      HAZARD SCREENING DATE: 2023-09-05 17:13:48

| %: 0.0010 - 0.0250  | GreenScreen: LT-P1                          | RC: None                                                                                                             | NANO: No | SUBSTANCE ROLE: Coating |
|---------------------|---------------------------------------------|----------------------------------------------------------------------------------------------------------------------|----------|-------------------------|
| HAZARD TYPE         | LIST NAME AND SOURCE                        | WARNINGS                                                                                                             |          |                         |
| SKI                 | MAK                                         | Sensitizing Substance Sh - Danger of skin sensitization                                                              |          |                         |
| 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] |          |                         |
| SKI                 | GHS - New Zealand                           | Skin irritation 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]                               |          |                         |
| SKI                 | GHS - New Zealand                           | Skin sensitisation category 1                                                                                        |          |                         |
| 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] |          |                         |
| EYE                 | GHS - Japan                                 | H319 - Causes serious eye irritation [Serious eye damage / eye irritation - Category 2A]                             |          |                         |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                        | NOTIFICATION                                                                                                         |          |                         |
| None found          |                                             | No listings found on Additional Hazard Lists                                                                         |          |                         |

SUBSTANCE NOTES:

METHYL BENZOYLFORMATE

ID: 15206-55-0

|                                                                  |                            |                 |                                                   |                                |
|------------------------------------------------------------------|----------------------------|-----------------|---------------------------------------------------|--------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                            |                 | HAZARD SCREENING DATE: <b>2023-09-05 17:13:48</b> |                                |
| ?: <b>0.0010 - 0.0250</b>                                        | GreenScreen: <b>LT-UNK</b> | RC: <b>None</b> | NANO: <b>No</b>                                   | SUBSTANCE ROLE: <b>Coating</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:                                                 |                            |                 |                                                   |                                |

|                                                           |                                             |          |                                              |                            |
|-----------------------------------------------------------|---------------------------------------------|----------|----------------------------------------------|----------------------------|
| ZINC DIOLEATE                                             |                                             |          |                                              | ID: 557-07-3               |
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library |                                             |          | HAZARD SCREENING DATE: 2023-09-05 17:13:45   |                            |
| %: 0.0000 - 0.0001                                        | GreenScreen: LT-P1                          | RC: None | NANO: No                                     | SUBSTANCE ROLE: Stabilizer |
| HAZARD TYPE                                               | LIST NAME AND SOURCE                        |          | WARNINGS                                     |                            |
| MUL                                                       | German FEA - Substances Hazardous to Waters |          | Class 2 - Hazard to Waters                   |                            |
| 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                                                                                                                                                                                                                                                                                                                                 | RFCI FloorScore                                   |                                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|---------------------------------------|
| CERTIFYING PARTY: Third Party<br>APPLICABLE FACILITIES: KD Center, 355, Hyoryeong-ro, Seocho-gu, Seoul, 06643, South Korea<br>CERTIFICATE URL:<br><a href="https://www.scsglobalservices.com/certified-clients/certificates/9851">https://www.scsglobalservices.com/certified-clients/certificates/9851</a>                                   | ISSUE DATE: 2022-10-01<br>EXPIRY DATE: 2023-09-30 | CERTIFIER OR LAB: SCS Global Services |
| CERTIFICATION AND COMPLIANCE NOTES: FloorScore® Indoor Air Quality Certified to SCS-EC10.3-2014 v4.0 Conforms to the CDPH/EHLB Standard Method v1.2-2017 (California Section 01350), effective April 1, 2017, for the school classroom and private office parameters when modeled as Flooring. Registration # SCS-FS-02632, SCS-FS-07101      |                                                   |                                       |
| LCA                                                                                                                                                                                                                                                                                                                                           | Environmental Product Declaration (EPD) by SCS    |                                       |
| CERTIFYING PARTY: Third Party<br>APPLICABLE FACILITIES: 5F, Yoonil Bldg. 336, Hyoryeong-ro, Seocho-gu, Seoul, 06721, Korea<br>CERTIFICATE URL:<br><a href="https://www.scs-certified.com/products/cert_pdfs/SCS-EPD-06755_NOX-Corp_LVT_030921.pdf">https://www.scs-certified.com/products/cert_pdfs/SCS-EPD-06755_NOX-Corp_LVT_030921.pdf</a> | ISSUE DATE: 2021-03-09<br>EXPIRY DATE: 2026-03-08 | CERTIFIER OR LAB: SCS Global Services |
| CERTIFICATION AND COMPLIANCE NOTES: Registration# SCS-EPD-06755. Product Category Rule (PCR) for preparing an Environmental Product Declaration (EPD) for Flooring: Carpet, Resilient, Laminate, Ceramic, Wood. NSF International. Version 2. 2014.                                                                                           |                                                   |                                       |

## 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

NOX Corporation worked with an HPDC Approved Preparer to confirm that all residuals and impurities were considered under the preparation of this HPD. This was accomplished by obtaining full formulation disclosure, including residuals and impurities, down to the 100 ppm threshold.

Manufacturing Sites:

- 1) KD Center, 355 Hyoryeong-ro, Seocho-gu, Seoul, 06643, Republic Of Korea (NOX KOREA)
- 2) Road No.8, Nhon Trach 6 Industrial Park, Long Tho, Nhon Trach, Dong Nai, Viet Nam, Dong Nai 06643 (NOX ASEAN)
- 3) P. O. Box 824, 931 S. Springville Avenue, Fostoria, Ohio 44830 (NOX US)

## MANUFACTURER INFORMATION

**MANUFACTURER:** NOX CORPORATION  
**ADDRESS:** 1) KD Center, 355 Hyoryeong-ro, Seocho-gu, Seoul, 06643, Republic Of Korea (NOX KOREA)  
 2) Road No.8, Nhon Trach 6 Industrial Park, Long Tho, Nhon Trach, Dong Nai, Viet Nam, Dong Nai 06643 (NOX ASEAN)

**WEBSITE:** <https://www.noxglobal.com/eng/w/page/main/main.ph>  
**CONTACT NAME:** John Kim  
**TITLE:** Product Manager of NOX Corporation  
**PHONE:** +82-2-520-7690  
**EMAIL:** johnkim@noxglobal.com

” ’ ’  
**COUNTRY:** ,

*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:

- 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.*