

HPD UNIQUE IDENTIFIER: 1173171200  
HPD UNIQUE PRODUCT ID: Not provided.  
CLASSIFICATION: 09 96 46 Intumescent Painting  
PRODUCT TYPE: Interior High-Performance Coatings, Metal (Paints And Coatings)  
PRODUCT DESCRIPTION: SC804 Intumescent Basecoat is a water-based, white, thin film intumescent coating for the protection of internal structure

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

|                            |                                 |                                                             |
|----------------------------|---------------------------------|-------------------------------------------------------------|
| Inventory Reporting Format | Residuals/Impurities Evaluation | For all contents above the threshold, the manufacturer has: |
| → Basic Method             | → Completed                     |                                                             |
| Threshold Disclosed Per    | Explanation(s) provided :       | Characterized                                               |
| → Product                  | Yes                             | Provided weight and role.                                   |
| Threshold Level            |                                 | Screened                                                    |
| → 100 ppm                  |                                 | Provided screening results using HPDC-approved methods.     |
|                            |                                 | Identified                                                  |
|                            |                                 | 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

NULLIFIRE SC804 [ WATER (PRIMARY CASRN IS 7732-18-5) BM-4  
VINYLACETATE COPOLYMER EMULSION N/A MELAMINE LT-P1  
END | CAN | MUL | MAM TITANIUM DIOXIDE BM-1 \* CAN | END | MAM  
PENTAERYTHRITOL LT-UNK TRIS(2-CHLOROISOPROPYL)  
PHOSPHATE (PRIMARY CASRN IS 13674-84-5) BM-U END | MUL |  
AQU | MAM | REP ]

Number of Greenscreen BM-4/BM3 contents ... 1  
Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... LT-P1  
Nanomaterial ... No  
INVENTORY AND SCREENING NOTES:  
Special Conditions applied: [Polymers]

This HPD was generated with basic inventory information

\*Form-Specific Hazard: This substance's GreenScreen Benchmark or List Translator score and the applicable 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. For this reason, this score is intentionally omitted from the "Contents highest concern" line above. See HPDC's Special Conditions policy for more information.

PFAS DETAILS:  
This product does not contain intentionally added PFAS and materials and substances from suppliers are verified to not contain PFAS.  
Attestation:



2025-11-25

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

Material (g/l): <1 Regulatory (g/l): 140  
Does the product contain exempt VOCs: No  
Are colorants available that do not increase the VOC content of the base paint when tinted: N/A

COMPLIANCE See Section 3 for additional listings.  
VOC emissions: CDPH Standard Method V1.2 (Section 01350/CHPS) - Classroom & Office scenario  
VOC content: EPA Method 24 - Volatile Matter Content (EPA 24)

CONSISTENCY WITH OTHER PROGRAMS



## Section 2: Content in Descending Order of Quantity

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 3.0, available on the HPDC website at: [www.hpd-collaborative.org/hpd-3-0-standard](http://www.hpd-collaborative.org/hpd-3-0-standard)

### NULLIFIRE SC804

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes

RESIDUALS AND IMPURITIES NOTES: The product is estimated to have no residuals or impurities over 100 ppm based on raw material supplier information.

OTHER PRODUCT NOTES:

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

ID: 1371582-34-1

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2025-11-25 22:45:24

?: 20.0000 - 30.0000

GreenScreen: BM-4

RC: None

NANO: No

SUBSTANCE ROLE: Solvent

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

Exempted from REACH Annex IV listing due to intrinsic safety

SUBSTANCE NOTES:

#### VINYLACETATE COPOLYMER EMULSION

ID: Polymer

HAZARD DATA SOURCE: GHS-compliant SDS

HAZARD SCREENING DATE: 2025-11-26 05:53:20

?: 15.0000 - 30.0000

GreenScreen: N/A

RC: None

NANO: No

POLYMER ROLE: Binder

HAZARD TYPE

LIST NAME AND SOURCE

WARNINGS

Hazards Screening not applicable for this special condition. See GHS or CLP warnings below.

POLYMER TYPE: Latex

AVERAGE MOLECULAR WEIGHT : Unknown

PERCENTAGE OF POLYMER WITH MOLECULAR WEIGHT LESS THAN 500 DA : Unknown

ADDITIONAL SUBSTANCES CONSIDERED: No

GHS HAZARD STATEMENTS: United Arab Emirates

HAZARD SCREENING COMPLIANCE: Hazard screening data sourced from OSHA and/or EU compliance CLP or SDS, as allowed by HPDC Special Conditions policy for polymers.

POLYMER NOTES: This polymer has been reported in accordance to [HPDC Special Conditions Policy](#) for polymers without disclosed CAS numbers.

ADDITIONAL NOTES: Synthetic emulsion

MELAMINE

ID: 108-78-1

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2025-11-25 22:57:02

|                      |                                                          |                                                                                                                                                           |          |                               |
|----------------------|----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------------------------------|
| %: 10.0000 - 20.0000 | GreenScreen: LT-P1                                       | RC: None                                                                                                                                                  | NANO: No | SUBSTANCE ROLE: Blowing agent |
| HAZARD TYPE          | LIST NAME AND SOURCE                                     | WARNINGS                                                                                                                                                  |          |                               |
| END                  | TEDX - Potential Endocrine Disruptors                    | Potential Endocrine Disruptor                                                                                                                             |          |                               |
| CAN                  | IARC                                                     | Group 2b - Possibly carcinogenic to humans                                                                                                                |          |                               |
| MUL                  | German FEA - Substances Hazardous to Waters              | Class 2 - Hazard to Waters                                                                                                                                |          |                               |
| 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] |          |                               |
| MAM                  | GHS - Australia                                          | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]                   |          |                               |
| CAN                  | EU - Annex VI CMRs                                       | Carcinogen Category 2 - Suspected human Carcinogen                                                                                                        |          |                               |
| CAN                  | GHS - Australia                                          | H351 - Suspected of causing cancer [Carcinogenicity - Category 2]                                                                                         |          |                               |
| MAM                  | EU - SVHC List                                           | Equivalent Concern - Prioritization List                                                                                                                  |          |                               |
| MAM                  | EU - SVHC List                                           | Equivalent Concern - Candidate List                                                                                                                       |          |                               |
| ADDITIONAL LISTINGS  | LIST NAME AND SOURCE                                     | NOTIFICATION                                                                                                                                              |          |                               |
| RESTRICTED LIST      | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025                                                                        |          |                               |
|                      |                                                          | Cosmetics and Personal Care Products                                                                                                                      |          |                               |

SUBSTANCE NOTES: The percentage of the substance used is provided as a range to protect proprietary information

TITANIUM DIOXIDE

ID: 13463-67-7

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2025-11-25 22:59:15

|                      |                   |          |          |                         |
|----------------------|-------------------|----------|----------|-------------------------|
| %: 10.0000 - 20.0000 | GreenScreen: BM-1 | RC: None | NANO: No | 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                                                                       |
|---------------------|---------------------------------------------------------|------------------------------------------------------------------------------------|
| POSITIVE LIST       | US Environmental Protection Agency (US EPA)             | US EPA - DfE Safer Chemicals Ingredients list (SCIL)                               |
|                     |                                                         | Colorants - Green Circle (Verified Low Concern)                                    |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025 |
|                     |                                                         | Cosmetics and Personal Care Products                                               |

SUBSTANCE NOTES: The percentage of the substance used is provided as a range to protect proprietary information

\*\*Form-Specific Hazard: This substance's GreenScreen Benchmark or List Translator score and the applicable 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), if applicable, may offer occupational health and safety information.

PENTAERYTHRITOL

ID: 115-77-5

| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                            |                                                | HAZARD SCREENING DATE: <b>2025-11-25 23:00:41</b> |                               |
|------------------------------------------------------------------|----------------------------|------------------------------------------------|---------------------------------------------------|-------------------------------|
| %: <b>10.0000 - 20.0000</b>                                      | GreenScreen: <b>LT-UNK</b> | RC: <b>None</b>                                | NANO: <b>No</b>                                   | SUBSTANCE ROLE: <b>Filler</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: The percentage of the substance used is provided as a range to protect proprietary information

TRIS(2-CHLOROISOPROPYL) PHOSPHATE (PRIMARY CASRN IS 13674-84-5)

ID: 1244733-77-4

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2025-11-25 23:03:03

%: 2.0000 - 10.0000

GreenScreen: BM-U

RC: None

NANO: No

SUBSTANCE ROLE: Catalyst

| HAZARD TYPE         | LIST NAME AND SOURCE                                    | WARNINGS                                                                                                                                                                      |
|---------------------|---------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| END                 | TEDX - Potential Endocrine Disruptors                   | Potential Endocrine Disruptor                                                                                                                                                 |
| MUL                 | German FEA - Substances Hazardous to Waters             | Class 2 - Hazard to Waters                                                                                                                                                    |
| AQU                 | GHS - New Zealand                                       | Hazardous to the aquatic environment - chronic category 3                                                                                                                     |
| MAM                 | GHS - Japan                                             | H371 - May cause damage to organs [Specific target organs/systemic toxicity following single exposure - Category 2]                                                           |
| REP                 | GHS - Japan                                             | H361 - Suspected of damaging fertility or the unborn child [Toxic to reproduction - Category 2]                                                                               |
| REP                 | GHS - Australia                                         | H361fd - Suspected of damaging fertility. Suspected of damaging the unborn child [Reproductive toxicity - Category 2]                                                         |
| 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     | Green Science Policy Institute (GSPI)                   | GSPI - Six Classes Precautionary List<br><br>Some Solvents                                                                                                                    |
| RESTRICTED LIST     | International Living Future Institute (ILFI)            | Living Building Challenge 4.0 - Red List of Materials & Chemicals - Effective February 1, 2025<br><br>Red List substances to avoid in Living Building Challenge V4.0 projects |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025<br><br>Avoidance of Organohalogens and Functionally Related Chemical Classes of Concern    |

SUBSTANCE NOTES: The percentage of the substance used is provided as a range to protect proprietary information

### Section 3: 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 |                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|-------------------------|
| COMPLIANCE TYPE: Third-party certification<br>CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: METS<br>Lab UAE<br>COMPLIANCE DETAILS:<br>COMPLIANCE SCOPE:<br>APPLICABLE FACILITIES: Stoncor Middle East LLC<br>COMPLIANCE URL: <a href="https://metslab.com">https://metslab.com</a><br>COMPLIANCE NOTES: | ISSUE DATE: 2024-10-09                                                       | EXPIRY DATE: 2029-10-08 |
| VOC CONTENT                                                                                                                                                                                                                                                                                       | EPA Method 24 - Volatile Matter Content (EPA 24)                             |                         |
| COMPLIANCE TYPE: Third-party certification<br>CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: METS<br>Lab UAE<br>COMPLIANCE DETAILS:<br>COMPLIANCE SCOPE:<br>APPLICABLE FACILITIES: Stoncor Middle East LLC<br>COMPLIANCE URL: <a href="https://metslab.com">https://metslab.com</a><br>COMPLIANCE NOTES: | ISSUE DATE: 2020-12-09                                                       | EXPIRY DATE: 2025-12-08 |

### 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

SC804 Intumescent Basecoat is a water-based, white, thin film intumescent coating for the protection of internal structural steelwork.

## MANUFACTURER INFORMATION

MANUFACTURER: **Stoncor Middle East LLC**  
ADDRESS: **Stoncor Middle East LLC**  
**Al Qouz Industrial Area 3 Dubai, Dubai 3034**  
**Dubai, Dubai 3034**  
COUNTRY: **United Arab Emirates**

WEBSITE: **www.stoncor-me.com**  
CONTACT NAME: **Sarvar Ansari**  
TITLE: **Regional Technical Manager**  
PHONE: **97143470460**  
EMAIL: **sarvar.ansari@stoncor-me.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 for compliance with the HPD standard noted.*