# 3M™ Fire Barrier Water Tight Spray by 3M Company

**Health Product Declaration v2.3**

created via: HPDC Online Builder

**HPD UNIQUE IDENTIFIER:** 973126656
**CLASSIFICATION:** 07 84 00 Firestopping
**PRODUCT DESCRIPTION:** Fire Barrier Watertight Spray is a sprayable, moisture-curing hybrid siliconized polymer that forms a tough, elastomeric coating. This material is used to firestop perimeter joints (curtain wall joints) and other construction joints that need to prevent fire and water from moving floor to floor.

## Section 1: Summary

**Basic Method / Product Threshold**

### CONTENT INVENTORY

**Inventory Reporting Format**
- ○ Nested Materials Method
- ◉ Basic Method

**Threshold Disclosed Per**
- ○ Material
- ◉ Product

**Threshold Level**
- ○ 100 ppm
- ○ 1,000 ppm
- ◉ Per GHS SDS
- ○ Other

**Residuals/Impurities Evaluation**
- ◉ Completed
- ○ Partially Completed
- ○ Not Completed

**Explanation(s) provided :**
- ◉ Yes ○ No

*For all contents above the threshold, the manufacturer has:*

**Characterized** ◉ Yes ○ No
*Provided weight and role.*

**Screened** ○ Yes ◉ No
*Provided screening results using HPDC-approved methods.*

**Identified** ○ Yes ◉ No
*Provided name and CAS RN or other identifier.*

### CONTENT IN DESCENDING ORDER OF QUANTITY

Summary of product contents and results from screening individual chemical substances against HPD Priority Hazard Lists and the GreenScreen for Safer Chemicals®. The HPD does not assess whether using or handling this product will expose individuals to its chemical substances or any health risk. Refer to Section 2 for further details.

**PRODUCT** | **MATERIAL OR SUBSTANCE** | *RESIDUAL OR IMPURITY* GREENSCREEN SCORE | HAZARD TYPE

**3M™ FIRE BARRIER WATER TIGHT SPRAY [ LIMESTONE** BM-3dg **(POLYETHER (NJTS REG. NO. 04499600-7401))** Not Screened **(PLASTICIZER (NJTS REG. NO. 04499600-7402))** Not Screened **C13-14 ISOPARAFFIN** BM-2 | CAN | AQU | MAM **TITANIUM DIOXIDE** BM-1 | CAN | END | MAM **AMINOETHYL-AMINOPROPYL-TRIMETHOXYSILANE** LT-UNK | AQU *TIN, DIBUTYLBIS(2,4-PENTANEDIONATO-KAPPAO2,KAPPAO4)-, (OC-6-11)-* LT-1 | DEV | REP | MUL | CAN | MAM | SKI | GEN **N-HEXANE** BM-1 | END | MUL | REP | SKI | PHY | AQU | MAM | EYE **METHYLPYRROLIDONE** BM-1 | END | REP | MUL | DEV | SKI | EYE **QUARTZ** BM-1 | CAN | MAM | GEN **]**

Number of Greenscreen BM-4/BM3 contents ... 1

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

Nanomaterial ... No

**INVENTORY AND SCREENING NOTES:**

Antimicrobial Pesticides Reporting: This product does not contain substance(s) that are intentionally added above the [Product - Per GHS SDS] threshold to act as antimicrobials.

Ingredients meeting US GHS SDS disclosure requirements are disclosed.

**PFAS DETAILS:**

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

**Attestation:**

Jordan Lee

2025-09-19

### VOLATILE ORGANIC COMPOUND (VOC) CONTENT

Material (g/l): 119 Regulatory (g/l): 119
Does the product contain exempt VOCs: No
Are colorants available that do not increase the VOC content of the base paint when tinted: N/A

### CERTIFICATIONS AND COMPLIANCE *See Section 3 for additional listings.*

VOC emissions: CDPH Standard Method V1.2 (Section 01350/CHPS) - Classroom & Office scenario
VOC content: Intertek ISO 17025 Accredited Lab

### CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?
- ○ Yes
- ◉ No

PREPARER: Self-Prepared
VERIFIER:
VERIFICATION #:

SCREENING DATE: 2025-09-19
PUBLISHED DATE: 2025-09-19
EXPIRY DATE: 2028-09-19

## 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 2.3, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-3-standard*

### 3M™ FIRE BARRIER WATER TIGHT SPRAY

PRODUCT THRESHOLD: Per GHS SDS

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities are not partially considered.

OTHER PRODUCT NOTES: This is a fire barrier/stop product. A firestop is a passive fire protection system made up of various components and used to seal openings and joints in a fire-resistance-rated wall or floor assembly.

#### LIMESTONE

ID: **1317-65-3**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2025-09-19 12:23:05**

%: **40.0000 - 60.0000** 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:

#### (POLYETHER (NJTS REG. NO. 04499600-7401))

ID: **Not Registered**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **Not Screened**

%: **0.0000 - 40.0000** GreenScreen: **Not Screened** RC: **None** NANO: **No** SUBSTANCE ROLE: **Polymer species**

| HAZARD TYPE | LIST NAME AND SOURCE | WARNINGS |
|---|---|---|
| | Hazard Screening not performed | |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION |
|---|---|---|
| | Additional Hazard Screening not performed | |

SUBSTANCE NOTES: Trade Secret Polyether

#### (PLASTICIZER (NJTS REG. NO. 04499600-7402))

ID: **Not Registered**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **Not Screened**

%: **10.0000 - 20.0000** GreenScreen: **Not Screened** RC: **None** NANO: **No** SUBSTANCE ROLE: **Plasticizer**

| HAZARD TYPE | LIST NAME AND SOURCE | WARNINGS |
|---|---|---|
| | Hazard Screening not performed | |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION |
|---|---|---|
| | Additional Hazard Screening not performed | |

SUBSTANCE NOTES: Trade Secret Plasticizer

## C13-14 ISOPARAFFIN

ID: **64742-47-8**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2025-09-19 12:23:05**

%: **0.0000 - 10.0000** GreenScreen: **BM-2** RC: **None** NANO: **No** SUBSTANCE ROLE: **Solvent**

| HAZARD TYPE | LIST NAME AND SOURCE | WARNINGS |
|---|---|---|
| CAN | MAK | Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification |
| 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] |
| MAM | EU - GHS (H-Statements) Annex 6 Table 3-1 | H304 - May be fatal if swallowed and enters airways [Aspiration hazard - Category 1] |
| MAM | GHS - Australia | H304 - May be fatal if swallowed and enters airways [Aspiration hazard - Category 1] |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION |
|---|---|---|
| RESTRICTED LIST | Green Science Policy Institute (GSPI) | GSPI - Six Classes Precautionary List<br><br>Some Solvents |

SUBSTANCE NOTES:

## TITANIUM DIOXIDE

ID: **13463-67-7**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2025-09-19 12:23:06**

%: **0.0000 - 1.0000** 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 |
|---|---|---|
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Children's Products |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Formulated Consumer Products |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Cosmetics & Personal Care Products |
| POSITIVE LIST | US Environmental Protection Agency (US EPA) | US EPA - DfE Safer Chemicals Ingredients list (SCIL)<br><br>Colorants - Green Circle (Verified Low Concern) |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025<br><br>Cosmetics and Personal Care Products |

SUBSTANCE NOTES:

**AMINOETHYL-AMINOPROPYL-TRIMETHOXYSILANE** ID: **1760-24-3**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2025-09-19 12:23:05**

%: **0.0000 - 0.6000** GreenScreen: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Adhesive**

| HAZARD TYPE | LIST NAME AND SOURCE | WARNINGS |
|---|---|---|
| AQU | GHS - New Zealand | Hazardous to the aquatic environment - chronic category 3 |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION |
|---|---|---|
| None found | | No listings found on Additional Hazard Lists |

SUBSTANCE NOTES:

**TIN, DIBUTYLBIS(2,4-PENTANEDIONATO-KAPPAO2,KAPPAO4)-, (OC-6-11)-** ID: **22673-19-4**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2025-09-19 12:23:05**

%: **0.0000 - 0.5000** GreenScreen: **LT-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Impurity/Residual**

| HAZARD TYPE | LIST NAME AND SOURCE | WARNINGS |
|---|---|---|
| DEV | MAK | Pregnancy Risk Group B |
| REP | EU - Annex VI CMRs | Reproductive Toxicity - Category 1B |
| MUL | ChemSec - SIN List | CMR - Carcinogen, Mutagen &/or Reproductive Toxicant |
| MUL | German FEA - Substances Hazardous to Waters | Class 3 - Severe Hazard to Waters |
| CAN | MAK | Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels |
| REP | EU - GHS (H-Statements) Annex 6 Table 3-1 | H360FD - May damage fertility. May damage the unborn child [Reproductive toxicity - Category 1A or 1B] |
| MAM | EU - GHS (H-Statements) Annex 6 Table 3-1 | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1] |
| SKI | GHS - Australia | H315 - Causes skin irritation [Skin corrosion/irritation - Category 2] |
| GEN | GHS - Australia | H341 - Suspected of causing genetic defects [Germ cell mutagenicity - Category 2] |
| MAM | GHS - Australia | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1] |
| REP | GHS - Australia | H361fd - Suspected of damaging fertility. Suspected of damaging the unborn child [Reproductive toxicity - Category 2] |
| REP | EU - SVHC List | Toxic to reproduction - Candidate list |
| REP | EU - REACH Annex XVII CMRs | Reproductive toxicants: Category 1B |

| 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 (C2CPII) | C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Core Restrictions |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Biological and Environmentally Released Materials |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Children's Products |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Formulated Consumer Products |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025<br><br>All Products |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025<br><br>Children's Toy Products |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025<br><br>Cosmetics and Personal Care Products |

SUBSTANCE NOTES:

**N-HEXANE** ID: **110-54-3**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2025-09-19 12:23:06**

%: **0.0000 - 0.5000** GreenScreen: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Solvent**

| HAZARD TYPE | LIST NAME AND SOURCE | WARNINGS |
|---|---|---|
| END | TEDX - Potential Endocrine Disruptors | Potential Endocrine Disruptor |
| MUL | ChemSec - SIN List | CMR - Carcinogen, Mutagen &/or Reproductive Toxicant |
| MUL | German FEA - Substances Hazardous to Waters | Class 3 - Severe Hazard to Waters |
| REP | CA EPA - Prop 65 | Reproductive Toxicity - Male |
| SKI | EU - GHS (H-Statements) Annex 6 Table 3-1 | H315 - Causes skin irritation [Skin corrosion/irritation - Category 2] |

| | | |
|---|---|---|
| PHY | EU - GHS (H-Statements) Annex 6 Table 3-1 | H225 - Highly flammable liquid and vapour [Flammable liquids - Category 2] |
| 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] |
| REP | EU - GHS (H-Statements) Annex 6 Table 3-1 | H361f - Suspected of damaging fertility [Reproductive toxicity - Category 2] |
| MAM | GHS - Japan | H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3] |
| EYE | GHS - New Zealand | Eye irritation category 2 |
| SKI | GHS - Australia | H315 - Causes skin irritation [Skin corrosion/irritation - 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 - New Zealand | Specific target organ toxicity - repeated exposure category 1 |
| SKI | GHS - Japan | H315 - Causes skin irritation [Skin corrosion / irritation - Category 2] |
| 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] |
| REP | GHS - Japan | H361 - Suspected of damaging fertility or the unborn child [Toxic to reproduction - Category 2] |
| REP | EU - Annex VI CMRs | Reproductive Toxicity - 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] |
| SKI | GHS - Malaysia | H315 - Causes skin irritation [Skin corrosion/irritation - Category 2] |
| PHY | GHS - New Zealand | Flammable liquids category 2 |
| PHY | GHS - Japan | H225 - Highly flammable liquid and vapour [Flammable liquids - Category 2] |
| PHY | GHS - Malaysia | H225 - Highly flammable liquid and vapour [Flammable liquids - Category 2] |
| PHY | GHS - Australia | H225 - Highly flammable liquid and vapour [Flammable liquids - Category 2] |
| AQU | GHS - Malaysia | H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2] |
| REP | GHS - Australia | H361f - Suspected of damaging fertility [Reproductive toxicity - Category 2] |
| REP | GHS - Malaysia | H361f - Suspected of damaging fertility [Reproductive toxicity - Category 2] |

| | | |
|---|---|---|
| MAM | EU - GHS (H-Statements) Annex 6 Table 3-1 | H304 - May be fatal if swallowed and enters airways [Aspiration hazard - Category 1] |
| MAM | GHS - Malaysia | H304 - May be fatal if swallowed and enters airways [Aspiration hazard - Category 1] |
| MAM | GHS - Australia | H304 - May be fatal if swallowed and enters airways [Aspiration hazard - Category 1] |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION |
|---|---|---|
| RESTRICTED LIST | Green Science Policy Institute (GSPI) | GSPI - Six Classes Precautionary List<br><br>Some Solvents |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Children's Products |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025<br><br>Cosmetics and Personal Care Products |

SUBSTANCE NOTES:

**METHYLPYRROLIDONE** ID: **872-50-4**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2025-09-19 12:23:06**

%: **0.0000 - 0.5000** GreenScreen: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Solvent**

| HAZARD TYPE | LIST NAME AND SOURCE | WARNINGS |
|---|---|---|
| END | TEDX - Potential Endocrine Disruptors | Potential Endocrine Disruptor |
| REP | EU - Annex VI CMRs | Reproductive Toxicity - Category 1B |
| MUL | ChemSec - SIN List | CMR - Carcinogen, Mutagen &/or Reproductive Toxicant |
| DEV | CA EPA - Prop 65 | Developmental toxicity |
| REP | GHS - Japan | H360 - May damage fertility or the unborn child [Toxic to reproduction - Category 1B] |
| REP | GHS - Korea | H360 - May damage fertility or the unborn child [Reproductive toxicity - Category 1] |
| DEV | GHS - Australia | H360D - May damage the unborn child [Reproductive toxicity - Category 1A or 1B] |
| 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] |
| DEV | EU - GHS (H-Statements) Annex 6 Table 3-1 | H360D - May damage the unborn child [Reproductive toxicity - Category 1A or 1B] |
| REP | GHS - New Zealand | Reproductive toxicity category 1 |
| 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 - Japan | H315 - Causes skin irritation [Skin corrosion / irritation - Category 2] |
| EYE | GHS - Korea | H319 - Causes serious eye irritation [Serious eye damage/irritation - Category 2] |
| EYE | GHS - Japan | H319 - Causes serious eye irritation [Serious eye damage / eye irritation - Category 2A] |
| REP | EU - SVHC List | Toxic to reproduction - Candidate list |
| REP | EU - SVHC List | Toxic to reproduction - Prioritized for listing |
| REP | EU - REACH Annex XVII CMRs | Reproductive toxicants: Category 1B |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION |
|---|---|---|
| RESTRICTED LIST | Green Science Policy Institute (GSPI) | GSPI - Six Classes Precautionary List<br><br>Antimicrobials |
| RESTRICTED LIST | Green Science Policy Institute (GSPI) | GSPI - Six Classes Precautionary List<br><br>Some Solvents |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Children's Products |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Formulated Consumer Products |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Footwear, Apparel & Jewelry Products |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025<br><br>All Products |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025<br><br>Cosmetics and Personal Care Products |

SUBSTANCE NOTES:

**QUARTZ** ID: **14808-60-7**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2025-09-19 12:23:07**

%: **0.0000 - 0.5000** GreenScreen: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Filler**

| 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 | US NIH - Report on Carcinogens | Known to be Human Carcinogen (respirable size - occupational setting) |
| CAN | MAK | Carcinogen Group 1 - Substances that cause cancer in man |
| CAN | IARC | Group 1 - Agent is carcinogenic to humans - inhaled from occupational sources |
| CAN | IARC | Group 1 - Agent is Carcinogenic to humans |
| CAN | US NIH - Report on Carcinogens | Known to be a human Carcinogen |
| CAN | GHS - Japan | H350 - May cause cancer [Carcinogenicity - Category 1A] |
| CAN | GHS - Australia | H350i - May cause cancer by inhalation [Carcinogenicity - Category 1A or 1B] |
| CAN | GHS - New Zealand | Carcinogenicity category 1 |
| MAM | GHS - Japan | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1] |
| GEN | GHS - Japan | H341 - Suspected of causing genetic defects [Germ cell mutagenicity - Category 2] |
| MAM | GHS - Australia | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1] |
| MAM | GHS - New Zealand | Specific target organ toxicity - repeated exposure category 1 |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION |
|---|---|---|
| None found | | No listings found on Additional Hazard Lists |

SUBSTANCE NOTES:

## Section 3: Certifications and Compliance

*This section lists applicable certification and standards compliance information for VOC emissions and VOC content. Other types of health or environmental performance testing or certifications completed for the product may be provided.*

**VOC EMISSIONS** — **CDPH Standard Method V1.2 (Section 01350/CHPS) - Classroom & Office scenario**

CERTIFYING PARTY: Self-declared
APPLICABLE FACILITIES: 3M Company
CERTIFICATE URL:

ISSUE DATE: 2022-02-04 00:00:00
EXPIRY DATE:

CERTIFIER OR LAB: Intertek Lab

CERTIFICATION AND COMPLIANCE NOTES:

**VOC CONTENT** — **Intertek ISO 17025 Accredited Lab**

CERTIFYING PARTY: Self-declared
APPLICABLE FACILITIES: 3M Company Facility.
CERTIFICATE URL:

ISSUE DATE: 2016-12-23 00:00:00
EXPIRY DATE:

CERTIFIER OR LAB: Intertek ISO 17025 Accredited Lab

CERTIFICATION AND COMPLIANCE NOTES:

## Section 4: Accessories

*This section lists related products or materials that the manufacturer requires or recommends for installation (such as adhesives or fasteners), maintenance, cleaning, or operations. For information relating to the contents of these related products, refer to their applicable Health Product Declarations, if available.*

No accessories are required for this product.

## Section 5: General Notes

3M does not agree with all the hazard statements generated by the HPD web-based tool. 3M provides other documentation to help assess health and environmental hazards and risks from this product. Please find a GHS-compliant Safety Data Sheet and a regulatory certificate, which includes information on specific applicable regulations and typical chemicals of concern, at www.3m.com/regs. If further health hazard information is required, please contact 3M customer contact center at 1-800-362-3550.
Technical Information: The technical information, guidance, and other statements contained in this document or otherwise provided by 3M are based upon records, tests, or experience that 3M believes to be reliable, but the accuracy, completeness, and representative nature of such information is not guaranteed. Such information is intended for people with knowledge and technical skills sufficient to assess and apply their own informed judgment to the information. No license under any 3M or third party intellectual property rights is granted or implied with this information.

Product Selection and Use: Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. As a result, customer is solely responsible for evaluating the product and determining whether it is appropriate and suitable for customer's application, including conducting a workplace hazard assessment and reviewing all applicable regulations and standards (e.g., OSHA, ANSI, etc.). Failure to properly evaluate, select, and use a 3M product and appropriate safety products, or to meet all applicable safety regulations, may result in injury, sickness, death, and/or harm to property.

Warranty, Limited Remedy, and Disclaimer: Unless a different warranty is specifically stated on the applicable 3M product packaging or product literature (in which case such warranty governs), 3M warrants that each 3M product meets the applicable 3M product specification at the time 3M ships the product. 3M MAKES NO OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ARISING OUT OF A COURSE OF DEALING, CUSTOM, OR USAGE OF TRADE. If a 3M product does not conform to this warranty, then the sole and exclusive remedy is, at 3M's option, replacement of the 3M product or refund of the purchase price.

Limitation of Liability: Except for the limited remedy stated above, and except to the extent prohibited by law, 3M will not be liable for any loss or damage arising from or related to the 3M product, whether direct, indirect, special, incidental, or consequential (including, but not limited to, lost profits or business opportunity), regardless of the legal or equitable theory asserted, including, but not limited to, warranty, contract, negligence, or strict liability.

# Section 6: References

**MANUFACTURER INFORMATION**

MANUFACTURER: **3M Company**
ADDRESS: **3M Center Bldg 230**
**Saint Paul, MN 55144**
COUNTRY: **United States**

WEBSITE: **https://www.3m.com/3M/en_US/company-us/all-3m-products/~/3M-Fire-Barrier-Water-Tight-Spray/?N=5002385+3292075590&rt=rud**
CONTACT NAME: **Jordan Lee**
TITLE: **Senior Regulatory Affairs Associate**
PHONE: **651-737-4676**
EMAIL: **jzlee@mmm.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**

**AQU** Aquatic toxicity
**CAN** Cancer
**DEV** Developmental toxicity
**END** Endocrine activity
**EYE** Eye irritation/corrosivity
**GEN** Gene mutation
**GLO** Global warming
**LAN** Land toxicity
**MAM** Mammalian/systemic/organ toxicity
**MUL** Multiple
**NEU** Neurotoxicity
**NF** Not found on Priority Hazard Lists
**OZO** Ozone depletion
**PBT** Persistent, bioaccumulative, and toxic
**PHY** Physical hazard (flammable or reactive)
**REP** Reproductive
**RES** Respiratory sensitization
**SKI** Skin sensitization/irritation/corrosivity
**UNK** Unknown

**GreenScreen (GS)**

**BM-4** Benchmark 4 (prefer-safer chemical)
**BM-3** Benchmark 3 (use but still opportunity for improvement)
**BM-2** Benchmark 2 (use but search for safer substitutes)
**BM-1** Benchmark 1 (avoid - chemical of high concern)
**BM-U** Benchmark Unspecified (due to insufficient data)
**LT-P1** List Translator Possible 1 (Possible Benchmark-1)
**LT-1** List Translator 1 (Likely Benchmark-1)
**LT-UNK** List Translator Benchmark Unknown
**NoGS** No GreenScreen.

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, and Best Practices for Hazard Screening on the HPDC website (hpd-collaborative.org).

**Recycled Types**

**PreC** Pre-consumer recycled content
**PostC** Post-consumer recycled content
**UNK** Inclusion of recycled content is unknown
**None** 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.*