PUP6AM04**-UG TX6A[™] 10 Gig[™] Category 6A U/UTP Advanced MaTriX CMP by Panduit

CLASSIFICATION: 27 10 00

PRODUCT DESCRIPTION: Category 6A, plenum (CMP), 4-pair, U/UTP copper cable. Copper conductors are 23 AWG with FEP insulation. Conductors are twisted in pairs, separated by an integrated pair divider, surrounded by the Advanced MaTriX tape and protected by a low smoke, flame retardant PVC jacket.

Section 1: Summary

CONTENT

INVENTORY

Based on the selected Content Inventory Threshold:

| Threshold per material | impurities considered in | Characterized Are the Percent Weight and Role provided for all substances? | O Yes | ⊙ No | |
|---|---|--|-----------------|----------------|--|
| ○ 100 ppm ○ 1,000 ppm ○ Per GHS SDS ○ Per GHS NAPP | 0 of 12 materials • see Section 2: Material Notes | Screened Are all substances screened using Priority Hazard Lists with results disclosed? | ⊙ Yes | O No | |
| • Per OSHA MSDS • Other | O see Section 5: General Notes | Identified Are all substances disclosed by Name (Specific or Generic) and Identifier? | O Yes | ⊙ No | |

CONTENT IN DESCENDING ORDER OF QUANTITY

Residuals and

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.

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

COPPER CONDUCTOR [COPPER LT-P1] PLENUM JACKET [POLYVINYL CHLORIDE (PVC) LT-UNK RES ALUMINA TRIHYDRATE BM-2 | RES UNDISCLOSED LT-UNK | SKI | AQU UNDISCLOSED BM-2 | PBT END | MUL UNDISCLOSED LT-UNK UNDISCLOSED BM-3 UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK AQU UNDISCLOSED LT-UNK UNDISCLOSED LT-1 CAN ANTIMONY TRIOXIDE BM-1 MAM CAN AQU | MUL UNDISCLOSED UNDISCLOSED BM-1 | AQU | RES | MUL UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK] PLENUM WIRE INSULATION [1-PROPENE, 1,1,2,3,3,3-HEXAFLUORO-POLYMER WITH TETRAFLUOROETHENE LT-UNK UNDISCLOSED LT-UNK | SKI | AQU BORON NITRIDE (BN) LT-UNK] FIBERGLASS TAPE [GLASS / MINERAL FIBER LT-UNK UNDISCLOSED LT-UNK] ALUM/PET TAPE [POLYETHYLENE TEREPHTHALATE (PET) LT-UNK ALUMINUM LT-P1 | RES | PHY | END | FOAM PES CROSSWEB | POLYETHER SULFONE | BLUE JACKETING PIGMENT | UNDISCLOSED LT-UNK UNDISCLOSED BM-3 UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK | RES UNDISCLOSED LT-UNK] FEP WHITE COLOR CONCENTRATE [SILICA, AMORPHOUS LT-UNK TITANIUM DIOXIDE LT-1 | CAN UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK | RES 1-PROPENE, 1,1,2,3,3,3-HEXAFLUORO-, POLYMER WITH TETRAFLUOROETHENE LT-UNK] FEP BLUE COLOR CONCENTRATE | 1-PROPENE, 1,1,2,3,3,3-HEXAFLUORO-, POLYMER WITH TETRAFLUOROETHENE LT-UNK C.I. PIGMENT BLUE 28 LT-UNK TITANIUM DIOXIDE LT-1 | CAN SILICA, AMORPHOUS LT-UNK UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK | RES] FEP GREEN COLOR CONCENTRATE [1-PROPENE, 1,1,2,3,3,3-HEXAFLUORO-, POLYMER WITH TETRAFLUOROETHENE LT-UNK SILICA, AMORPHOUS LT-UNK TITANIUM DIOXIDE LT-1 | CAN UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK | RES UNDISCLOSED LT-UNK UNDISCLOSED UNK UNDISCLOSED LT-UNK] FEP BROWN COLOR CONCENTRATE | 1-PROPENE, 1,1,2,3,3,3-HEXAFLUORO-, POLYMER WITH TETRAFLUOROETHENE LT-UNK C.I. PIGMENT BROWN 33 LT-UNK UNDISCLOSED LT-UNK UNDISCLOSED LT-1 | CAN | MUL UNDISCLOSED LT-UNK SILICA, AMORPHOUS LT-UNK TITANIUM DIOXIDE LT-1 | CAN UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK | RES] FEP ORANGE COLOR CONCENTRATE [1-PROPENE, 1,1,2,3,3,3-HEXAFLUORO-POLYMER WITH TETRAFLUOROETHENE LT-UNK BISMUTH VANADIUM TETRAOXIDE LT-UNK | MUL UNDISCLOSED LT-P1 | AQU | MUL UNDISCLOSED LT-UNK]

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE LCA: Environmental Product Declaration

See Section 3 for additional listings

| Self-Published* | VERIFIER: | SCREENING DATE: July 20, 2016 | EXPIRY DATE*: July 20, 2019 |
|------------------------|-----------------|-------------------------------|--|
| O Third Party Verified | VERIFICATION #: | RELEASE DATE: July 20, 2016 | * or within 3 months of significant change in product contents |
| *See HPDC websit | te for details | | |

Number of Greenscreen BM-4/BM3 contents..... 2 Contents highest concern GreenScreen Benchmark or List translator Score..... BM-1 Nanomaterial..... No

INVENTORY AND SCREENING NOTES:

PUP6AM04**-UG TX6A™ 10 Gig™ Category 6A U/UTP Advanced MaTriX CMP Health Product Declaration Page 1 of 20 created via: HPDC Online Builder www.hpdcollaborative.org

Section 2: Content in Descending Order of Quantity

This section lists materials in a product and the substances in each material based on the Inventory Threshold for each material. If residuals or impurities from the manufacturing or extraction processes are considered for a material, these are inventoried and characterized to the extent described in the Material and/or General Notes. Chemical substances are screened against the HPD Priority Hazard Lists for human and environmental health impacts. Screening is based on best available information; "Not Found" does not necessarily mean there is no potential hazard associated with the product or its contents. More information about Priority Hazard Lists and the GreenScreen can be found online: www.hpd-collaborative.org and www.greenscreenchemicals.org.

| PPER CONDUCTOR entory Threshold: 1000 ppn erial Notes: | %: 35.8800 HPD URL: n Residuals Considered: No |) | | |
|--|---|----------|--------------------------------|------------------------------------|
| COPPER | | | ID: 7440-5 | 60-8 |
| %: 100.0000 | GS: LT-P1 | RC: None | NANO: NO | ROLE: Conductivity |
| HAZARDS: | | AG | ENCY(IES) WITH WARNINGS | : |
| None Found | | No | warnings found on HPD Priority | y lists |
| SUBSTANCE NOTES: | | | | |
| ENUM JACKET entory Threshold: 1000 ppn erial Notes: | %: 23.7700 HPD URL: n Residuals Considered: No |) | | |
| POLYVINYL CHLORIDE | E (PVC) | | ID: 9002-8 | 6-2 |
| %: 40.0000 - 50.0000 | GS: LT-UNK | RC: None | NANO: NO | ROLE: Jacketing Material |
| HAZARDS: | | AG | ENCY(IES) WITH WARNINGS | : |
| RESPIRATORY | AOEC - Asthmag | ens | Asthmagen (Rs) | - sensitizer-induced |
| SUBSTANCE NOTES: | | | | |
| ALUMINA TRIHYDRATE | E | | ID: 21645- | 51-2 |
| %: 20.0000 - 40.0000 | GS: BM-2 | RC: None | NANO: NO | ROLE: Flame Retardar |
| HAZARDS: | | AG | ENCY(IES) WITH WARNINGS | : |
| RESPIRATORY | AOEC - Asthmag | ens | Asthmagen (ARs forms only | s) - sensitizer-induced - inhalabl |
| SUBSTANCE NOTES: | | | | |
| | | | | |

| UNDISCLOSED | | | | |
|---------------------|--------------------------|---------------------------------|--------------------------------------|--|
| %: 5.0000 - 25.0000 | GS: LT-UNK | RC: None | NANO: NO | ROLE: Flame Retardant |
| HAZARDS: | | AGENCY(IE | S) WITH WARNINGS | : |
| SKIN IRRITATION | EU - R-phrase | 25 | R38 - Irritating to | skin |
| ACUTE AQUATIC | EU - R-phrase | 35 | R52 - Harmful to | Aquatic Organisms |
| SKIN IRRITATION | EU - GHS (H- | Statements) | H315 - Causes s | kin irritation |
| SUBSTANCE NOTES: | | | | |
| UNDISCLOSED | | | | |
| %: 1.0000 - 15.0000 | GS: BM-2 | RC: None | NANO: NO | ROLE: Flame Retardant |
| HAZARDS: | | AGENCY(IE | S) WITH WARNINGS | : |
| РВТ | OSPAR - Prio concern | rity PBTs & EDs & equivalent | PBT - Chemical f | for Priority Action |
| ENDOCRINE | OSPAR - Prio concern | rity PBTs & EDs & equivalent | Endocrine Disrup | otor - Chemical for Priority Action |
| PBT | EU - ESIS PB | Т | Fulfills PBT Crite | ria - Action Deferred |
| РВТ | ChemSec - SI | N List | | sistent, Bioaccumulative, & Toxic & very Bioaccumulative) |
| MULTIPLE | German FEA | - Substances Hazardous to Water | s Class 2 - Hazard | to Waters |
| PBT | EHP - San An | tonio Statement on BFRs & CFRs | Flame retardant s PB&T & long ran | substance class of concern for ge transport |
| RESTRICTED LIST | US EPA - PP ⁻ | F Chemical Action Plans | TSCA Work Plan (risk) assessmen | n chemical - ongoing chemical It |
| SUBSTANCE NOTES: | | | | |
| UNDISCLOSED | | | | |
| %: 1.0000 - 10.0000 | GS: LT-UNK | RC: None | NANO: NO | ROLE: Plasticizer |
| HAZARDS: | | AGENCY(IE | S) WITH WARNINGS | : |
| None Found | | No warnings | found on HPD Priority | y lists |
| SUBSTANCE NOTES: | | | | |
| | | | | |

| UNDISCLOSED | | | | |
|-----------------------------|----------------|----------|---|-----------------------|
| %: 1.0000 - 5.0000 | GS: BM-3 | RC: None | NANO: NO | ROLE: Flame Retardant |
| HAZARDS: | | | AGENCY(IES) WITH WARNINGS: | |
| None Found | | | No warnings found on HPD Priority lists | |
| SUBSTANCE NOTES: | | | | |
| UNDISCLOSED | | | | |
| %: 0.1000 - 5.0000 | GS: LT-UNK | RC: None | NANO: NO | ROLE: Flame Retardant |
| HAZARDS: | | | AGENCY(IES) WITH WARNINGS: | |
| None Found | | | No warnings found on HPD Priority lists | |
| SUBSTANCE NOTES: | | | | |
| UNDISCLOSED | | | | |
| %: 0.1000 - 5.0000 | GS: LT-UNK | RC: None | NANO: NO | ROLE: Stabilizer |
| HAZARDS: | | | AGENCY(IES) WITH WARNINGS: | |
| ACUTE AQUATIC | EU - R-phrases | | R52 - Harmful to Aqua | atic Organisms |
| SUBSTANCE NOTES: | | | | |
| UNDISCLOSED | | | | |
| %: 0.0000 - 5.0000 | GS: LT-UNK | RC: None | NANO: NO | ROLE: Stabilizer |
| | | | | |
| HAZARDS: | | | AGENCY(IES) WITH WARNINGS: | |
| HAZARDS: None Found | | | AGENCY(IES) WITH WARNINGS: No warnings found on HPD Priority lists | |
| | | | | |
| None Found | | | | |
| None Found SUBSTANCE NOTES: | GS: LT-1 | RC: None | | ROLE: Colorant |

| CANCER | US CDC | - Occupational Carcinogens | Occupational Ca | rcinogen |
|---------------------|----------|----------------------------|-------------------------------------|--|
| CANCER | CA EPA | - Prop 65 | Carcinogen (form exposure pathwa | n-specific or based on limited ays) |
| CANCER | IARC | | | oly carcinogenic to humans - upational sources |
| CANCER | MAK | | | up 3A - Evidence of carcinogenic ifficient to establish MAK/BAT |
| SUBSTANCE NOTES: | | | | |
| ANTIMONY TRIOXIDE | | | ID: 1309-6 | 4-4 |
| %: 0.0000 - 10.0000 | GS: BM-1 | RC: None | NANO: NO | ROLE: Flame Retardant |
| HAZARDS: | | AGEN | ICY(IES) WITH WARNINGS | : |
| MAMMALIAN | EU - R-p | hrases | R20 - Harmful by dust/mist) | Inhalation (gas or vapor or |
| MAMMALIAN | EU - R-p | hrases | R22 - Harmful if S | Swallowed |
| CANCER | EU - R-p | hrases | R40 - Limited Ev | idence of Carcinogenic Effects |
| ACUTE AQUATIC | EU - R-p | hrases | R51 - Toxic to Ac | quatic Organisms |
| CANCER | IARC | | Group 2b - Possi | ibly carcinogenic to humans |
| CANCER | CA EPA | - Prop 65 | Carcinogen | |
| CHRON AQUATIC | EU - GH | S (H-Statements) | H411 - Toxic to a | aquatic life with long lasting effects |
| CANCER | EU - GH | S (H-Statements) | H351 - Suspecte | d of causing cancer |
| MULTIPLE | ChemSe | c - SIN List | CMR - Carcinoge Toxicant | en, Mutagen &/or Reproductive |
| CANCER | MAK | | Carcinogen Grou carcinogenic for | up 2 - Considered to be man |
| SUBSTANCE NOTES: | | | | |
| UNDISCLOSED | | | | |
| %: 0.0000 - 1.0000 | GS: | RC: None | NANO: NO | ROLE: Lubricant |
| HAZARDS: | | AGEN | ICY(IES) WITH WARNINGS | : |
| None Found | | No wa | arnings found on HPD Priority | y lists |
| SUBSTANCE NOTES: | | | | |

| UN | DIS | CLC | SED |
|----|-----|-----|-----|
| UN | 010 | CLU | |

| %: 0.0000 - 5.0000 | GS: BM-1 | RC: None | NANO: NO | ROLE: Flame Retard |
|---|------------------|----------------------------------|-------------------------------|---------------------------------|
| HAZARDS: | | AGENCY(IES | 6) WITH WARNINGS: | |
| ACUTE AQUATIC | EU - R-phras | es | R50 - Very Toxic t | o Aquatic Organisms |
| RESPIRATORY | AOEC - Asth | magens | Asthmagen (ARs) forms only | - sensitizer-induced - inhala |
| ACUTE AQUATIC | EU - GHS (H | -Statements) | H400 - Very toxic | to aquatic life |
| CHRON AQUATIC | EU - GHS (H | -Statements) | H410 - Very toxic effects | to aquatic life with long lasti |
| MULTIPLE | German FEA | - Substances Hazardous to Waters | Class 2 - Hazard t | o Waters |
| SUBSTANCE NOTES: | | | | |
| UNDISCLOSED | | | | |
| %: 0.0000 - 5.0000 | GS: LT-UNK | RC: None | NANO: NO | ROLE: Lubricant |
| HAZARDS: | | AGENCY(IES | 6) WITH WARNINGS: | |
| None Found | | No warnings t | found on HPD Priority | lists |
| SUBSTANCE NOTES: | | | | |
| UNDISCLOSED | | | | |
| %: 0.0000 - 5.0000 | GS: LT-UNK | RC: None | NANO: NO | ROLE: Lubricant |
| HAZARDS: | | AGENCY(IES | 6) WITH WARNINGS: | |
| None Found | | No warnings | found on HPD Priority | lists |
| SUBSTANCE NOTES: | | | | |
| IUM WIRE INSULATION tory Threshold: 1000 ppm ial Notes: | | | | |
| 1-PROPENE, 1,1,2,3,3,3- | HEXAFLUORO-, POL | YMER WITH TETRAFLUOROETHE | NE ID: 25067-1 | 1-2 |
| | | | | |

| HAZARDS: SKIN IRRITATION ACUTE AQUATIC SKIN IRRITATION SUBSTANCE NOTES: This su BORON NITRIDE (BN) | S: LT-UNK EU - R-phrases EU - R-phrases EU - GHS (H-Stat ubstance is proprietary S: LT-UNK | but the health ha | No warnings found on HPD Priority lis NANO: NO AGENCY(IES) WITH WARNINGS: R38 - Irritating to ski R52 - Harmful to Aqu H315 - Causes skin azards have been disclosed. ID: 10043-11- | ROLE: Charring Agent 3 n uatic Organisms irritation |
|---|---|------------------------------|--|--|
| UNDISCLOSED %: 0.8000 - 25.0000 Gi HAZARDS: SKIN IRRITATION ACUTE AQUATIC SKIN IRRITATION SUBSTANCE NOTES: This su BORON NITRIDE (BN) %: 0.0000 - 5.0000 Gi | EU - R-phrases EU - R-phrases EU - GHS (H-Stat ubstance is proprietary | ements) but the health ha | AGENCY(IES) WITH WARNINGS: R38 - Irritating to ski R52 - Harmful to Aqu H315 - Causes skin azards have been disclosed. | n uatic Organisms irritation |
| %: 0.8000 - 25.0000GHAZARDS:SKIN IRRITATIONSKIN IRRITATIONSKIN IRRITATIONSUBSTANCE NOTES: This suBORON NITRIDE (BN)%: 0.0000 - 5.0000G | EU - R-phrases EU - R-phrases EU - GHS (H-Stat ubstance is proprietary | ements) but the health ha | AGENCY(IES) WITH WARNINGS: R38 - Irritating to ski R52 - Harmful to Aqu H315 - Causes skin azards have been disclosed. | n uatic Organisms irritation |
| HAZARDS: SKIN IRRITATION ACUTE AQUATIC SKIN IRRITATION SUBSTANCE NOTES: This su BORON NITRIDE (BN) %: 0.0000 - 5.0000 | EU - R-phrases EU - R-phrases EU - GHS (H-Stat ubstance is proprietary | ements) but the health ha | AGENCY(IES) WITH WARNINGS: R38 - Irritating to ski R52 - Harmful to Aqu H315 - Causes skin azards have been disclosed. | n uatic Organisms irritation |
| SKIN IRRITATION ACUTE AQUATIC SKIN IRRITATION SUBSTANCE NOTES: This su BORON NITRIDE (BN) %: 0.0000 - 5.0000 | EU - R-phrases EU - GHS (H-Stat ubstance is proprietary | but the health ha | R38 - Irritating to ski R52 - Harmful to Aq H315 - Causes skin azards have been disclosed. | uatic Organisms irritation |
| ACUTE AQUATIC SKIN IRRITATION SUBSTANCE NOTES: This su BORON NITRIDE (BN) %: 0.0000 - 5.0000 G | EU - R-phrases EU - GHS (H-Stat ubstance is proprietary | but the health ha | R52 - Harmful to Aq H315 - Causes skin azards have been disclosed. | uatic Organisms irritation |
| SKIN IRRITATION SUBSTANCE NOTES: This su BORON NITRIDE (BN) %: 0.0000 - 5.0000 Gi | EU - GHS (H-Stat | but the health ha | H315 - Causes skin azards have been disclosed. | irritation |
| SUBSTANCE NOTES: This su BORON NITRIDE (BN) %: 0.0000 - 5.0000 Gi | ubstance is proprietary | but the health ha | azards have been disclosed. | |
| BORON NITRIDE (BN) %: 0.0000 - 5.0000 G | | | | |
| %: 0.0000 - 5.0000 G | S: LT-UNK | | ID: 10043-11- | |
| | S: LT-UNK | | | 5 |
| HAZARDS: | | RC: None | NANO: NO | ROLE: Foaming Agent |
| | | | AGENCY(IES) WITH WARNINGS: | |
| None Found | | | No warnings found on HPD Priority lis | ts |
| SUBSTANCE NOTES: | | | | |
| | | | | |
| ERGLASS TAPE htory Threshold: Per OSHA MSI prial Notes: | %: 8.4000 HPD DS Residuals Conside | | | |
| GLASS / MINERAL FIBER | | | ID: 65997-17- | 3 |
| %: 60.0000 - 70.0000 G | S: LT-UNK | RC: None | NANO: NO | ROLE: Glass Fiber Fabric |
| HAZARDS: | | | AGENCY(IES) WITH WARNINGS: | |
| None Found | | | No warnings found on HPD Priority lis | ts |
| SUBSTANCE NOTES: | | | | |
| UNDISCLOSED | | | | |
| | | | | |

| | | RC: None | NANO: NO | ROLE: Non-halogen Flame Retardant |
|---|------------------------------|---|--|---|
| HAZARDS: | | AGE | NCY(IES) WITH WARNINGS | S: |
| None Found | | No w | arnings found on HPD Priorit | ty lists |
| SUBSTANCE NOTES: T health hazards based on | | | er, the supplier has disclosed | that there are no associated |
| M/PET TAPE htory Threshold: Per OSH/ prial Notes: | | IPD URL: Isidered: No | | |
| POLYETHYLENE TERE | PHTHALATE (PET) | | ID: 25038 | 3-59-9 |
| %: 60.0000 - 70.0000 | GS: LT-UNK | RC: None | NANO: NO | ROLE: Film |
| HAZARDS: | | AGE | NCY(IES) WITH WARNINGS | S: |
| | | | arnings found on HPD Priorit | tu liete |
| None Found | | No w | | |
| None Found SUBSTANCE NOTES: | | No w | | |
| | | No w | ID: 7429- | - |
| SUBSTANCE NOTES: | GS: LT-P1 | No w RC: None | | - |
| SUBSTANCE NOTES: | GS: LT-P1 | RC: None | ID: 7429-5 | 90-5 ROLE: Foil |
| SUBSTANCE NOTES: ALUMINUM %: 30.0000 - 40.0000 | GS: LT-P1 AOEC - Asthr | RC: None | ID: 7429- NANO: NO NCY(IES) WITH WARNINGS | 90-5 ROLE: Foil |
| SUBSTANCE NOTES: ALUMINUM %: 30.0000 - 40.0000 HAZARDS: | | RC: None AGE magens | ID: 7429- NANO: NO NCY(IES) WITH WARNINGS Asthmagen (AR | 90-5 ROLE: Foil S : s) - sensitizer-induced - inhala |
| SUBSTANCE NOTES: ALUMINUM %: 30.0000 - 40.0000 HAZARDS: RESPIRATORY PHYSICAL HAZARD | AOEC - Asthr | RC: None AGE magens •Statements) | ID: 7429- NANO: NO NCY(IES) WITH WARNINGS Asthmagen (AR forms only H228 - Flammat | 90-5 ROLE: Foil S : s) - sensitizer-induced - inhala |
| SUBSTANCE NOTES: ALUMINUM %: 30.0000 - 40.0000 HAZARDS: RESPIRATORY PHYSICAL HAZARD PHYSICAL HAZARD | AOEC - Asthr EU - GHS (H- | RC: None AGE nagens •Statements) •Statements) | ID: 7429-9 NANO: NO NCY(IES) WITH WARNINGS Asthmagen (AR forms only H228 - Flammat H250 - Catches air | 90-5 ROLE: Foil S: s) - sensitizer-induced - inhala ble solid |

FOAM PES CROSSWEB

%: 4.0000 HPD URL:

Inventory Threshold: Per OSHA MSDS Residuals Considered: No Material Notes:

| POLYETHER SULFONE | | | ID: 2566 | 7-42-9 |
|--|---|--|--|--------------------|
| %: 80.0000 - 100.0000 | GS: | RC: None | NANO: NO | ROLE: |
| HAZARDS: | | AG | ENCY(IES) WITH WARNING | iS: |
| None Found | | No | warnings found on HPD Prior | rity lists |
| SUBSTANCE NOTES: | | | | |
| | | | | |
| a JACKETING PIGMENT tory Threshold: 1000 ppm ial Notes: | | | | |
| UNDISCLOSED | | | | |
| %: 0.0000 - 100.0000 | GS: LT-UNK | RC: None | NANO: NO | ROLE: Colored Pigm |
| HAZARDS: | | AG | ENCY(IES) WITH WARNING | S: |
| None Found | | No | warnings found on HPD Prior | rity lists |
| | | | | |
| UNDISCLOSED | GS: BM-3 | RC: None | NANO: NO | |
| UNDISCLOSED %: 0.0000 - 100.0000 | | RC: None | | Plasticizer |
| Substance has been scree UNDISCLOSED %: 0.0000 - 100.0000 HAZARDS: | | RC: None | ENCY(IES) WITH WARNING | S: |
| UNDISCLOSED %: 0.0000 - 100.0000 | | RC: None | | Plasticizer |
| UNDISCLOSED %: 0.0000 - 100.0000 HAZARDS: None Found SUBSTANCE NOTES: Th | GS: BM-3 | RC: None AG No | ENCY(IES) WITH WARNING | Plasticizer |
| UNDISCLOSED %: 0.0000 - 100.0000 HAZARDS: None Found SUBSTANCE NOTES: Th substance has been scree | GS: BM-3 | RC: None AG No | ENCY(IES) WITH WARNING | Plasticizer |
| UNDISCLOSED %: 0.0000 - 100.0000 HAZARDS: None Found SUBSTANCE NOTES: Th substance has been scree UNDISCLOSED | GS: BM-3 | RC: None AG No | ENCY(IES) WITH WARNING | Plasticizer |
| UNDISCLOSED %: 0.0000 - 100.0000 HAZARDS: None Found SUBSTANCE NOTES: The substance has been scree UNDISCLOSED %: 0.0000 - 100.0000 | GS: BM-3 ne substance and its form ened against the relevan | RC: None AGI No r nulation ranges in this m It HPD hazard lists. RC: None | ENCY(IES) WITH WARNING warnings found on HPD Prior aterial is considered proprieta | Plasticizer |
| UNDISCLOSED %: 0.0000 - 100.0000 HAZARDS: None Found | GS: BM-3 ne substance and its form ened against the relevan | RC: None AGI No Inulation ranges in this m It HPD hazard lists. RC: None AGI | ENCY(IES) WITH WARNING warnings found on HPD Prior aterial is considered proprieta | Plasticizer |

| UNDISCLOSED | | | | |
|--|--|--|---|--|
| %: 0.0000 - 100.0000 | GS: LT-UNK | RC: None | NANO: NO | ROLE: Carrier Resin |
| HAZARDS: | | AGEI | ICY(IES) WITH WARNING | S: |
| RESPIRATORY | AOEC - Asth | magens | Asthmagen (Rs |) - sensitizer-induced |
| SUBSTANCE NOTES: T substance has been scre | | | erial is considered proprieta | ry to the supplier; however, this |
| UNDISCLOSED | | | | |
| %: 0.0000 - 100.0000 | GS: LT-UNK | RC: None | NANO: NO | ROLE: Extender Pigmer |
| HAZARDS: | | AGEI | ICY(IES) WITH WARNING | S: |
| None Found | | No wa | arnings found on HPD Priori | ity lists |
| | The substance and its fo eened against the releva | | erial is considered proprieta | ry to the supplier; however, this |
| WHITE COLOR CONCE ntory Threshold: 1000 ppn rial Notes: | | HPD URL: onsidered: No | | |
| WHITE COLOR CONCE | | - | ID: 7631- | 86-9 |
| WHITE COLOR CONCE ntory Threshold: 1000 ppn rial Notes: | | - | ID: 7631- NANO: NO | 86-9 ROLE: Pigment |
| WHITE COLOR CONCE ntory Threshold: 1000 ppn rial Notes: SILICA, AMORPHOUS | n Residuals Co | nsidered: No RC: None | | ROLE: Pigment |
| WHITE COLOR CONCE ntory Threshold: 1000 ppn rial Notes: SILICA, AMORPHOUS %: 0.0000 - 100.0000 | n Residuals Co | nsidered: No RC: None | NANO: NO | ROLE: Pigment |
| WHITE COLOR CONCE ntory Threshold: 1000 ppn rial Notes: SILICA, AMORPHOUS %: 0.0000 - 100.0000 HAZARDS: | n Residuals Co | nsidered: No RC: None | NANO: NO ICY(IES) WITH WARNING: | ROLE: Pigment |
| WHITE COLOR CONCE ntory Threshold: 1000 ppn rial Notes: SILICA, AMORPHOUS %: 0.0000 - 100.0000 HAZARDS: None Found | n Residuals Co | nsidered: No RC: None | NANO: NO ICY(IES) WITH WARNING: | ROLE: Pigment S: ity lists |
| WHITE COLOR CONCE ntory Threshold: 1000 ppn rial Notes: SILICA, AMORPHOUS %: 0.0000 - 100.0000 HAZARDS: None Found SUBSTANCE NOTES: | n Residuals Co | nsidered: No RC: None | NANO: NO | ROLE: Pigment S: ity lists |
| WHITE COLOR CONCE ntory Threshold: 1000 ppn rial Notes: SILICA, AMORPHOUS %: 0.0000 - 100.0000 HAZARDS: None Found SUBSTANCE NOTES: TITANIUM DIOXIDE | n Residuals Co | RC: None RC: None RC: None | NANO: NO | ROLE: Pigment S: Hy lists B-67-7 ROLE: Pigment |
| WHITE COLOR CONCE ntory Threshold: 1000 ppn rial Notes: SILICA, AMORPHOUS %: 0.0000 - 100.0000 HAZARDS: None Found SUBSTANCE NOTES: TITANIUM DIOXIDE %: 0.0000 - 100.0000 | n Residuals Co | RC: None RC: None RC: None | NANO: NO | ROLE: Pigment S: ity lists 3-67-7 ROLE: Pigment S: |
| WHITE COLOR CONCE ntory Threshold: 1000 ppn rial Notes: SILICA, AMORPHOUS %: 0.0000 - 100.0000 HAZARDS: None Found SUBSTANCE NOTES: TITANIUM DIOXIDE %: 0.0000 - 100.0000 HAZARDS: | n Residuals Co | RC: None | NANO: NO ICY(IES) WITH WARNING: arnings found on HPD Priori ID: 13463 NANO: NO ICY(IES) WITH WARNING: Occupational Ca | ROLE: Pigment S: ty lists B-67-7 ROLE: Pigment S: arcinogen m-specific or based on limited |

PUP6AM04**-UG TX6A™ 10 Gig[™] Category 6A U/UTP Advanced MaTriX CMP Health Product Declaration Page 10 of 20 created via: HPDC Online Builder www.hpd-collaborative.org

| CANCER | МАК | | Carcinogen Grou effects but not se value | up 3A - Evidence of carcinogenic ufficient to establish MAK/BAT |
|---|--------------------|---------------------|--|--|
| SUBSTANCE NOTES: | | | | |
| UNDISCLOSED | | | | |
| %: 0.0000 - 100.0000 | GS: LT-UNK | RC: None | NANO: NO | ROLE: Pigment |
| HAZARDS: | | AGE | NCY(IES) WITH WARNINGS | 3: |
| None Found | | No w | varnings found on HPD Priorit | y lists |
| SUBSTANCE NOTES: | | | | |
| UNDISCLOSED | | | | |
| %: 0.0000 - 100.0000 | GS: LT-UNK | RC: None | NANO: NO | ROLE: Pigment |
| HAZARDS: | | AGE | NCY(IES) WITH WARNINGS | 3: |
| RESPIRATORY | AOEC - Asth | magens | Asthmagen (AR: forms only | s) - sensitizer-induced - inhalable |
| SUBSTANCE NOTES: | | | | |
| 1-PROPENE, 1,1,2,3,3,3 | -HEXAFLUORO-, POL` | YMER WITH TETRAFLUO | ROETHENE ID: 25067 | -11-2 |
| %: 0.0000 - 100.0000 | GS: LT-UNK | RC: None | NANO: NO | ROLE: Carrier Resin |
| HAZARDS: | | AGE | NCY(IES) WITH WARNINGS |): |
| None Found | | No w | varnings found on HPD Priorit | y lists |
| SUBSTANCE NOTES: | | | | |
| BLUE COLOR CONCENT ntory Threshold: 1000 ppm arial Notes: 1-PROPENE, 1,1,2,3,3,3 | Residuals Cor | | ROETHENE ID: 25067 | -11-2 |
| | | 50 N | | |
| %: 0.0000 - 100.0000 | GS: LT-UNK | RC: None | NANO: NO | ROLE: Carrier Resin |

| SUBSTANCE NOTES: | | | | |
|----------------------|---------------|-----------------------|-------------------------------------|--|
| C.I. PIGMENT BLUE 28 | | | ID: 1345- | 16-0 |
| %: 0.0000 - 100.0000 | GS: LT-UNK | RC: None | NANO: NO | ROLE: Pigment |
| HAZARDS: | | AGENC | CY(IES) WITH WARNINGS | §: |
| None Found | | | nings found on HPD Priorit | |
| SUBSTANCE NOTES: | | | | |
| TITANIUM DIOXIDE | | | ID: 13463 | -67-7 |
| %: 0.0000 - 100.0000 | GS: LT-1 | RC: None | NANO: NO | ROLE: Pigment |
| HAZARDS: | | AGENC | CY(IES) WITH WARNINGS | 3: |
| CANCER | US CDC - Occ | upational Carcinogens | Occupational Ca | arcinogen |
| CANCER | CA EPA - Prop | 65 | Carcinogen (forr exposure pathw | n-specific or based on limited ays) |
| CANCER | IARC | | Group 2b: Possi inhaled from occ | bly carcinogenic to humans - cupational sources |
| CANCER | МАК | | | up 3A - Evidence of carcinogenio ufficient to establish MAK/BAT |
| SUBSTANCE NOTES: | | | | |
| SILICA, AMORPHOUS | | | ID: 7631-8 | 36-9 |
| %: 0.0000 - 100.0000 | GS: LT-UNK | RC: None | NANO: NO | ROLE: Pigment |
| HAZARDS: | | AGENC | CY(IES) WITH WARNINGS | 3 : |
| None Found | | No warr | nings found on HPD Priorit | y lists |
| SUBSTANCE NOTES: | | | | |
| UNDISCLOSED | | | | |
| | | | | |

| HAZARDS: | | AGE | NCY(IES) WITH WARNINGS | : |
|---|--------------------|---------------------------|--------------------------------|-------------------------------------|
| None Found | | No v | varnings found on HPD Priority | / lists |
| SUBSTANCE NOTES: | | | | |
| UNDISCLOSED | | | | |
| %: 0.0000 - 100.0000 | GS: LT-UNK | RC: None | NANO: NO | ROLE: Pigment |
| HAZARDS: | | AGE | ENCY(IES) WITH WARNINGS | : |
| RESPIRATORY | AOEC - Asthr | magens | Asthmagen (ARs forms only | ;) - sensitizer-induced - inhalable |
| SUBSTANCE NOTES: | | | | |
| | | | | |
| EP GREEN COLOR CONCE ventory Threshold: 1000 ppm aterial Notes: | | HPD URL: onsidered: No | | |
| 1-PROPENE, 1,1,2,3,3,3 | -HEXAFLUORO-, POLY | YMER WITH TETRAFLUO | ROETHENE ID: 25067- | 11-2 |
| %: 0.0000 - 100.0000 | GS: LT-UNK | RC: None | NANO: NO | ROLE: Carrier Resin |
| HAZARDS: | | AGE | ENCY(IES) WITH WARNINGS | : |
| None Found | | Nov | varnings found on HPD Priority | / lists |
| SUBSTANCE NOTES: | | | | |
| SILICA, AMORPHOUS | | | ID: 7631-8 | 6-9 |
| %: 0.0000 - 100.0000 | GS: LT-UNK | RC: None | NANO: NO | ROLE: Pigment |
| HAZARDS: | | AGE | NCY(IES) WITH WARNINGS | : |
| None Found | | No v | varnings found on HPD Priority | / lists |
| SUBSTANCE NOTES: | | | | |
| TITANIUM DIOXIDE | | | ID: 13463- | 67-7 |
| %: 0.0000 - 100.0000 | GS: LT-1 | RC: None | NANO: NO | ROLE: Pigment |
| HAZARDS: | | AGE | NCY(IES) WITH WARNINGS | : |
| HAZARDS: | | AGE | NCY(IES) WITH WARNINGS | : |

| CANCER | US CDC - Occupational Carcinogens Occupational Carcinogen | | | rcinogen |
|--|---|----------|-------------------------------------|--|
| CANCER | CA EPA - Pro | p 65 | Carcinogen (forn exposure pathwa | n-specific or based on limited lys) |
| CANCER | IARC | | Group 2b: Possil inhaled from occ | bly carcinogenic to humans - upational sources |
| CANCER | МАК | | | ip 3A - Evidence of carcinogenic ifficient to establish MAK/BAT |
| SUBSTANCE NOTES: | | | | |
| UNDISCLOSED | | | | |
| %: 0.0000 - 100.0000 | GS: LT-UNK | RC: None | NANO: NO | ROLE: Pigment |
| HAZARDS: | | AGE | NCY(IES) WITH WARNINGS | : |
| None Found | | No w | varnings found on HPD Priority | / lists |
| SUBSTANCE NOTES: | | | | |
| UNDISCLOSED | | | | |
| %: 0.0000 - 100.0000 | GS: LT-UNK | RC: None | NANO: NO | ROLE: Pigment |
| HAZARDS: | | AGE | NCY(IES) WITH WARNINGS | : |
| RESPIRATORY | AOEC - Asthn | nagens | Asthmagen (ARs forms only |) - sensitizer-induced - inhalable |
| SUBSTANCE NOTES: | | | | |
| | | | | |
| UNDISCLOSED | | | | |
| UNDISCLOSED %: 0.0000 - 100.0000 | GS: LT-UNK | RC: None | NANO: NO | ROLE: Pigment |
| | GS: LT-UNK | | NANO: NO INCY(IES) WITH WARNINGS | |
| %: 0.0000 - 100.0000 | GS: LT-UNK | AGE | | : |
| %: 0.0000 - 100.0000 HAZARDS: | GS: LT-UNK | AGE | NCY(IES) WITH WARNINGS | : |
| %: 0.0000 - 100.0000 HAZARDS: None Found | GS: LT-UNK | AGE | NCY(IES) WITH WARNINGS | : |

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| l | HAZARDS: | | AG | ENCY(IES) WITH WARNINGS | S: |
|----|--|-------------------|----------------------------|--|--|
| | None Found | | No | warnings found on HPD Priorit | ty lists |
| | SUBSTANCE NOTES: | | | | |
| | UNDISCLOSED | | | | |
| | %: 0.0000 - 100.0000 | GS: LT-UNK | RC: None | NANO: NO | ROLE: Pigment |
| | HAZARDS: | | AG | ENCY(IES) WITH WARNING | S: |
| | None Found | | No | warnings found on HPD Priorit | ty lists |
| | SUBSTANCE NOTES: | | | | |
| | | | | | |
| In | EP BROWN COLOR CONCE eventory Threshold: 1000 ppm laterial Notes: | | HPD URL: considered: No | | |
| | 1-PROPENE, 1,1,2,3,3,3- | HEXAFLUORO-, POLY | MER WITH TETRAFLUC | DROETHENE ID: 25067 | -11-2 |
| | %: 0.0000 - 100.0000 | GS: LT-UNK | RC: None | NANO: NO | ROLE: Carrier Resin |
| | | | | | |
| | HAZARDS: | | AG | ENCY(IES) WITH WARNINGS | S: |
| | HAZARDS: None Found | | | ENCY(IES) WITH WARNINGS | |
| | | | | | |
| | None Found | 3 | | | ty lists |
| | None Found SUBSTANCE NOTES: | 3 GS: LT-UNK | | warnings found on HPD Priorit | ty lists |
| | None Found SUBSTANCE NOTES: C.I. PIGMENT BROWN 3 | | No - RC: None | warnings found on HPD Priorit ID: 68186 | ty lists 88-9 ROLE: Pigment |
| | None Found SUBSTANCE NOTES: C.I. PIGMENT BROWN 3 %: 0.0000 - 100.0000 | | No RC: None | warnings found on HPD Priorit ID: 68186 NANO: NO | ty lists 88-9 ROLE: Pigment |
| | None Found SUBSTANCE NOTES: C.I. PIGMENT BROWN 3 %: 0.0000 - 100.0000 HAZARDS: | | No RC: None | warnings found on HPD Priorit ID: 68186 NANO: NO ENCY(IES) WITH WARNINGS | ty lists 88-9 ROLE: Pigment |
| | None Found SUBSTANCE NOTES: C.I. PIGMENT BROWN 3 %: 0.0000 - 100.0000 HAZARDS: None Found | | No RC: None | warnings found on HPD Priorit ID: 68186 NANO: NO ENCY(IES) WITH WARNINGS | ty lists 88-9 ROLE: Pigment |
| | None Found SUBSTANCE NOTES: C.I. PIGMENT BROWN 3 %: 0.0000 - 100.0000 HAZARDS: None Found SUBSTANCE NOTES: | | No RC: None | warnings found on HPD Priorit ID: 68186 NANO: NO ENCY(IES) WITH WARNINGS | ty lists 88-9 ROLE: Pigment |
| | None Found SUBSTANCE NOTES: C.1. PIGMENT BROWN 3 %: 0.0000 - 100.0000 HAZARDS: None Found SUBSTANCE NOTES: UNDISCLOSED | GS: LT-UNK | No S | warnings found on HPD Priorit ID: 68186 NANO: NO ENCY(IES) WITH WARNINGS warnings found on HPD Priorit | ty lists88-9 ROLE: Pigment S: ty lists ROLE: Pigment |

SUBSTANCE NOTES:

UNDISCLOSED

| UNDISCLOSED | | | | |
|----------------------|--------------|-----------------------------|-----------------------------------|---|
| %: 0.0000 - 100.0000 | GS: LT-1 | RC: None | NANO: NO | ROLE: Pigment |
| HAZARDS: | | AGE | NCY(IES) WITH WARNINGS | 5: |
| CANCER | EU - R-phras | ses | R45 - May cause | e cancer |
| CANCER | EU - GHS (F | I-Statements) | H350 - May cau | se cancer |
| CANCER | EU - REACH | I Annex XVII CMRs | | egory 2 - Substances which ded as if they are Carcinogenic t |
| MULTIPLE | ChemSec - S | SIN List | CMR - Carcinog Toxicant | en, Mutagen &/or Reproductive |
| MULTIPLE | German FEA | A - Substances Hazardous to | o Waters Class 2 - Hazard | d to Waters |
| CANCER | EU - Annex | VI CMRs | Carcinogen Cate based on anima | egory 1B - Presumed Carcinoge I evidence |
| SUBSTANCE NOTES: | | | | |
| UNDISCLOSED | | | | |
| %: 0.0000 - 100.0000 | GS: LT-UNK | RC: None | NANO: NO | ROLE: Pigment |
| HAZARDS: | | AGE | NCY(IES) WITH WARNINGS | S: |
| None Found | | No w | arnings found on HPD Priorit | ty lists |
| SUBSTANCE NOTES: | | | | |
| SILICA, AMORPHOUS | | | ID: 7631-8 | 36-9 |
| %: 0.0000 - 100.0000 | GS: LT-UNK | RC: None | NANO: NO | ROLE: Pigment |
| HAZARDS: | | AGE | NCY(IES) WITH WARNINGS | S: |
| None Found | | No w | arnings found on HPD Priorit | ty lists |
| SUBSTANCE NOTES: | | | | |
| | | | | |

| %: 0.0000 - 100.0000 | GS: LT-1 | RC: None | NANO: NO | ROLE: Pigment |
|--|---------------------|----------------------------|-------------------------------------|--|
| HAZARDS: | | AGENO | CY(IES) WITH WARNINGS | S: |
| CANCER | US CDC - Oc | cupational Carcinogens | Occupational Ca | arcinogen |
| CANCER | CA EPA - Pro | op 65 | Carcinogen (forr exposure pathw | n-specific or based on limited ays) |
| CANCER | IARC | | Group 2b: Possi inhaled from occ | bly carcinogenic to humans - cupational sources |
| CANCER | МАК | | | up 3A - Evidence of carcinogenic ufficient to establish MAK/BAT |
| SUBSTANCE NOTES: | | | | |
| UNDISCLOSED | | | | |
| %: 0.0000 - 100.0000 | GS: LT-UNK | RC: None | NANO: NO | ROLE: Pigment |
| HAZARDS: | | AGEN | CY(IES) WITH WARNINGS | 5: |
| None Found | | No war | nings found on HPD Priorit | y lists |
| SUBSTANCE NOTES: | | | | |
| UNDISCLOSED | | | | |
| %: 0.0000 - 100.0000 | GS: LT-UNK | RC: None | NANO: NO | ROLE: Pigment |
| HAZARDS: | | AGEN | CY(IES) WITH WARNINGS | S: |
| RESPIRATORY | AOEC - Asthr | nagens | Asthmagen (AR forms only | s) - sensitizer-induced - inhalable |
| SUBSTANCE NOTES: | | | | |
| | | | | |
| ORANGE COLOR CONC ntory Threshold: 1000 ppn erial Notes: | | HPD URL: Considered: No | | |
| 1-PROPENE, 1,1,2,3,3,3 | 3-HEXAFLUORO-, POLY | MER WITH TETRAFLUORC | DETHENE ID: 25067 | -11-2 |
| %: 0.0000 - 100.0000 | GS: LT-UNK | RC: None | NANO: NO | ROLE: Carrier Resin |
| | | | | |
| HAZARDS: | | AGENO | CY(IES) WITH WARNINGS | 6: |

Perote P

| %: 0.0000 - 100.0000 | GS: LT-UNK | RC: None | NANO: NO | ROLE: Pigment | |
|----------------------|---|---------------------------------|----------------------------|--------------------------------------|--|
| HAZARDS: | | AGENCY(IE | S) WITH WARNING | S: | |
| MULTIPLE | German FEA | - Substances Hazardous to Water | s Class 3 - Sever | e Hazard to Waters | |
| SUBSTANCE NOTES: | | | | | |
| UNDISCLOSED | | | | | |
| %: 0.0000 - 100.0000 | GS: LT-P1 | RC: None | NANO: NO | ROLE: Pigment | |
| HAZARDS: | | AGENCY(IE | S) WITH WARNING | S: | |
| ACUTE AQUATIC | EU - R-phras | es | R50 - Very Toxi | c to Aquatic Organisms | |
| ACUTE AQUATIC | EU - GHS (H | -Statements) | H400 - Very tox | ic to aquatic life | |
| CHRON AQUATIC | EU - GHS (H | -Statements) | H410 - Very tox effects | ic to aquatic life with long lasting | |
| MULTIPLE | German FEA | - Substances Hazardous to Water | s Class 2 - Hazar | d to Waters | |
| SUBSTANCE NOTES: | | | | | |
| UNDISCLOSED | | | | | |
| %: 0.0000 - 100.0000 | GS: LT-UNK | RC: None | NANO: NO | ROLE: Pigment | |
| HAZARDS: | | AGENCY(IE | S) WITH WARNING | S: | |
| None Found | No warnings found on HPD Priority lists | | | | |

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.

LCA

Environmental Product Declaration

| CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: Two facilities in the Southeastern region of the US CERTIFICATE URL: http://www.panduit.com/ccurl/957/585/environmental%20product%20decl-cat6a- plenum.pdf CERTIFICATION AND COMPLIANCE NOTES: | ISSUE DATE: 2016-03- 31 | EXPIRY DATE: 2021-03-31 | CERTIFIER OR LAB: UL Environment |
|--|----------------------------------|-------------------------------|--|
| | | | |

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.



This Health Product Declaration was completed by Sustainable Solutions Corporation.

MANUFACTURER INFORMATION

MANUFACTURER: Panduit Corp.

ADDRESS: 18900 Panduit Dr Tinley Park, IL 60487 USA

WEBSITE: http://www.panduit.com/

CONTACT NAME: Technical Support TITLE: . PHONE: 866-405-6654 EMAIL: TechSupport@panduit.com

KEY

OSHA MSDS Occupational Safety and Health Administration Material Safety Data Sheet Globally Harmonized System of Classi cation and Labeling of Chemicals Safety Data Sheet

Hazard Types

AQU Aquatic toxicity CAN Cancer DEV Developmental toxicity END Endocrine activity EYE Eye irritation/corrosivity GEN Gene mutation GLO Global warming MAM Mammalian/systemic/organ toxicity MUL Multiple hazards NEU Neurotoxicity OZO Ozone depletion PBT Persistent Bioaccumulative Toxic

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 Unspeci ed (insu cient data to benchmark)

Recycled Types

PreC Preconsumer (Post-Industrial)
PostC Postconsumer
Both Both Preconsumer and Postconsumer
Unk Inclusion of recycled content is unknown
None Does not include recycled content

Other

Nano Composed of nanoscale particles or nanotechnology

Declaration Level

Self-declared Manufacturer's self-declaration (First Party) Independent Lab Manufacturer's self-declaration using results from an independent lab Second Party Verification by trade association or other interested party Third Party Verification by independent certifier 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 does not provide an assessment of health impacts throughout the product life cycle. It does not provide an assessment of exposure or risk associated with product handling or use. It also does not address potential health impacts of: (i) substances used or created during the manufacturing process unless they remain in the nal product, or (ii) substances created after the product is delivered for end use (e.g., if the product burns, degrades, or otherwise changes chemical composition).

The HPD Open Standard was created and is maintained and evolved by the Health Product Declaration Collaborative (the HPD Collaborative), a customer-led organization composed of stakeholders throughout the building industry. The HPD Collaborative is committed to the continuous improvement of building products through transparency, openness, and innovation throughout the product supply chain.

A disclosure completed in compliance with the HPD Open Standard is referred to as a "Health Product Declaration," or "HPD." The product manufacturer and any applicable independent veri er are solely responsible for the accuracy of statements and claims made in this HPD and for compliance with the HPD Open Standard noted.

PHY Physical Hazard (reactive)
REP Reproductive toxicity
RES Respiratory sensitization
SKI Skin sensitization/irritation/corrosivity
LAN Land Toxicity
NF Not found on Priority Hazard Lists

LT-P1 List Translator Possible Benchmark 1 LT-1 List Translator Likely Benchmark 1 LT-UNK List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark) UNK Unknown (no data on List Translator Lists)