



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

JAMES H. TROGDON, III
SECRETARY

November 1, 2018

ADDENDUM # 2

To: Plan Holders
From: Tad Davis
Engineering Specialist
Roadside Environmental Unit

ds
TD

RE: **Material Substitution Request**
Contract ID: DN00659
County: Haywood
Letting Date: November 13, 2018

There has been a Substitution Request made for the above contract. This request has been approved by the North Carolina Department of Transportation.

Please see attached documents for product information.

These revisions do not change bid items or the associated quantities.

Please access ebs addenda files on Bid Express®.

Thank you for your attention to this matter.

SUBSTITUTION REQUEST
(During the Bidding/Negotiating Stage)

Project: NC/DOT: Rest Area Building
Renovation/Landscape Enhancement
(18-845201) Substitution Request
Number: SubReq-01151
WAYNESVILLE, NC From: Erik Muir, Scranton Products
To: Wesley Jamison, NC DOT Division 14 Office Date: 10/25/2018
wjamison@ncdot.gov, (828) 586-2141 A/E Project Number: _____
Re: Solid Phenolic Toilet Compartments Contract For: NC DOT Division 14 Office

Specification Title: Solid Phenolic Toilet Compartments Description: Manufacturers
Section: 102113.23 Page: 1 Article/Paragraph: 2.01

Proposed Substitution: Hiny Hiders Solid Plastic
Manufacturer: Scranton Products Address: scrantonproducts.com Phone: 570-348-0997
Trade Name: Scranton Hiny Hiders Solid Plastic Model No.: N/A

Attached data includes product description, specifications, drawings, photographs, and performance and test data adequate for evaluation of the request; applicable portions of the data are clearly identified.

Attached data also includes a description of changes to the Contract Documents that the proposed substitution will require for its proper installation.

The Undersigned certifies:

- Proposed substitution has been fully investigated and determined to be equal or superior in all respects to specified product.
- Same warranty will be furnished for proposed substitution as for specified product.
- Same maintenance service and source of replacement parts, as applicable, is available.
- Proposed substitution will have no adverse effect on other trades and will not affect or delay progress schedule.
- Proposed substitution does not affect dimensions and functional clearances.

Submitted by: Erik Muir
Signed by: Erik Muir
Firm: Scranton Products
Address: 801 E. Corey Street
Scranton, Pennsylvania 18504
Telephone: (570) 348-0997, erik.muir@azekco.com

A/E' s REVIEW AND ACTION

- Substitution approved - Make submittals in accordance with Specification Substitution Procedures. *MBL*
- Substitution approved as noted - Make submittals in accordance with Specification Substitution Procedures.
- Substitution rejected - Use specified materials.
- Substitution Request received too late - Use specified materials.

Signed by: *[Signature]* Date: 10-31-18

Supporting Data Attached: Drawings Product Data Samples Tests Reports _____

Hiny Hiders Partitions (Standard) by Scranton Products

Health Product Declaration v2.1

CLASSIFICATION: 10 21 16 Solid Plastic Toilet Compartments

created via: HPDC Online Builder

PRODUCT DESCRIPTION: Hiny Hiders Solid Bathroom Partitions are made of High-density polyethylene (HDPE), which is highly durable and resistant to mold growth due to its solid structure. These bathroom partitions provide ample privacy for occupants while helping keep the air quality high. Hiny Hiders Partitions are dent, mold, scratch and graffiti resistant. Easy to clean with low maintenance, Hiny Hiders Partitions never rust, corrode, or delaminate, and never need painting. This HPD covers all colors available for Hiny Hiders Solid Plastic Partitions (Standard).

Section 1: Summary

Nested 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
- Per OSHA MSDS
- Other

Residuals/Impurities

Residuals/Impurities Considered in 2 of 2 Materials

Explanation(s) provided for Residuals/Impurities?

- Yes
- No

Are All Substances Above the Threshold Indicated:

Characterized

Percent Weight and Role Provided?

- Yes
- No

Screened

Using Priority Hazard Lists with Results Disclosed?

- Yes
- No

Identified

Name and Identifier Provided?

- Yes
- No

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.

MATERIAL | SUBSTANCE | RESIDUAL OR IMPURITY

GREENSCREEN SCORE | HAZARD TYPE

HINY HIDERS SOLID PLASTIC BATHROOM PARTITION [1-HEXENE, POLYMER WITH ETHENE **LT-UNK** POLYETHYLENE **LT-UNK** TITANIUM DIOXIDE **LT-1** | CAN | END CALCIUM CARBONATE **BM-3** CARBON BLACK **LT-1** | CAN MICA (MICA) **LT-UNK** SILICA, AMORPHOUS (SILICA, AMORPHOUS) **LT-P1** | CAN FERRIC OXIDE (FERRIC OXIDE) **BM-2** | CAN KAOLIN CLAY **LT-UNK** | CAN UNDISCLOSED **LT-P1** | CAN UNDISCLOSED **LT-UNK** UNDISCLOSED **NoGS** UNDISCLOSED **LT-UNK** UNDISCLOSED **LT-UNK** UNDISCLOSED **BM-3** UNDISCLOSED **LT-UNK** UNDISCLOSED **LT-UNK** UNDISCLOSED **LT-P1** | RES UNDISCLOSED **LT-UNK** UNDISCLOSED **NoGS** UNDISCLOSED **LT-UNK** UNDISCLOSED **LT-UNK** UNDISCLOSED **LT-UNK** UNDISCLOSED **LT-UNK** | CAN UNDISCLOSED **LT-UNK** UNDISCLOSED **LT-P1** | PHY | RES | END UNDISCLOSED **LT-UNK** UNDISCLOSED **LT-P1** UNDISCLOSED **BM-2** | RES UNDISCLOSED **LT-UNK** UNDISCLOSED **LT-UNK** UNDISCLOSED **LT-UNK** UNDISCLOSED **NoGS** UNDISCLOSED **LT-UNK** UNDISCLOSED **NoGS** UNDISCLOSED **LT-UNK** ALUMINUM, TRIETHYL- (ALUMINUM, TRIETHYL-) **LT-P1** | RES TITANIUM TETRACHLORIDE (TITANIUM TETRACHLORIDE) **LT-P1** | SKI | MAM] MIXED HARDWARE [ALUMINUM **LT-P1** | RES | END | PHY STAINLESS STEEL **NoGS** ZAMAK **NoGS**]

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

INVENTORY AND SCREENING NOTES:

This Health Product Declaration (HPD) was completed in accordance with the HPD Standard version 2.1, and discloses hazards associated with all substances present at or above 1000 parts per million (ppm) in the finished product, along with the role and percent weight. Therefore, this HPD qualifies for the LEED v4 MR credit Building Product Disclosure and Optimization: Material Ingredient Reporting (Option 1). Substances not "Identified" are those considered proprietary to suppliers, or are those without a registered identifier. This HPD covers all colors available in this product line. Not every pigment substance listed will be present in every color. Please contact manufacturer for further information if necessary.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE See Section 3 for additional listings.

VOC emissions: GREENGUARD Gold Certified
VOC emissions: GREENGUARD Certified

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients, Option 1

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2018-01-08

PUBLISHED DATE: 2018-01-08

EXPIRY DATE: 2021-01-08

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 2.1, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-1-standard

HINY HIDERS SOLID PLASTIC BATHROOM PARTITION

#: 94.1000 - 96.3000

HPD URL:

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals or impurities with the potential to be present at or above the Content Inventory Threshold indicated that return a GS score of BM-1, LT-1, LT-P1 or NoGS have been disclosed, based on information provided in supplier statements, supplier SDS, and as predicted by process chemistry (Pharos CML).

OTHER MATERIAL NOTES: Percent by weight of material and substances reported as ranges due to the various configurations and colors available.

1-HEXENE, POLYMER WITH ETHENE

ID: 25213-02-9

#: 80.8000 - 92.5000 GS: LT-UNK RC: Both NANO: No ROLE: Partition Substrate

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: High density polyethylene (HDPE). All colors available in this product line may contain up to 88% Pre-Consumer Recycled Content, and several colors are available with up to 88% Post-Consumer Recycled Content; contact manufacturer if more detailed information is required. Substrate also includes 9002-88-4 (see separate entry). Specific guidelines are being created by the HPD Collaborative to address known issues related to transparency and disclosure for several materials ("Special Conditions"), including Plastics/Polymers and Recycled Content-Mixtures. This HPD will be updated as appropriate when these Special Conditions guidelines become available.

POLYETHYLENE

ID: 9002-88-4

#: 6.7000 - 17.0000 GS: LT-UNK RC: None NANO: No ROLE: Partition Substrate; Additive Carrier

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: Low-density polyethylene (LDPE). Used as additive carrier (e.g. pigments), and represents portion of PE Substrate. May also include the following CASRN: 25087-34-7 [LT-UNK | No warnings found on HPD Priority Hazard lists]; 26221-73-8 [LT-UNK | No warnings found on HPD Priority Hazard lists].

TITANIUM DIOXIDE

ID: 13463-67-7

#: 0.0000 - 3.5000 GS: LT-1 RC: None NANO: No ROLE: Pigments and Related Additives

HAZARDS: AGENCY(IES) WITH WARNINGS:

CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CANCER	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
CANCER	MAK	Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value

SUBSTANCE NOTES: Substance bound in matrix of finished product. Identified on the US EPA Safer Chemical Ingredient List. Form-specific hazards: airborne particles of respirable size – occupational setting. Specific guidelines are being created to address known issues related to transparency and disclosure for several materials ("Special Conditions"), including those with Form-Specific Hazards such as Titanium Dioxide. This HPD will be updated as appropriate when these guidelines become available. The Material Health Harmonization Task Group convened by the USGBC states that pigmentary titanium dioxide was "determined to be Benchmark 2 using the full GS (GreenScreen) method"

(http://ow.ly/Z5ken). Percent by weight reported as range due to the various colors available. Substance not present in all colors; consult manufacturer for additional information if necessary.

CALCIUM CARBONATE

ID: 471-34-1

#: 0.0000 - 1.7500 GS: BM-3 RC: None NANO: No ROLE: Pigments and Related Additives

HAZARDS: AGENCY(IES) WITH WARNINGS:
None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: Identified on the US EPA Safer Chemical Ingredient List (Green Circle - Verified Low Concern). May also include CASRN 1317-65-3 [LT-UNK | No warnings found on HPD Priority lists]. Substance bound in matrix of finished product. Percent by weight reported as range due to the various colors available. Substance not present in all colors; consult manufacturer for additional information if necessary.

CARBON BLACK

ID: 1333-86-4

#: 0.0000 - 2.4000 GS: LT-1 RC: None NANO: No ROLE: Pigments and Related Additives

HAZARDS: AGENCY(IES) WITH WARNINGS:
CANCER US CDC - Occupational Carcinogens Occupational Carcinogen
CANCER CA EPA - Prop 65 Carcinogen - specific to chemical form or exposure route
CANCER IARC Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources
CANCER MAK Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: Substance bound in matrix of finished product. Carbon Black is one of several compounds with warnings restricted to unbound/respirable forms. Specific guidelines are being created to address known issues related to transparency and disclosure for several materials ("Special Conditions"), including those with Form-Specific Hazards such as Carbon Black. This HPD will be updated as appropriate when these guidelines become available. Percent by weight reported as range due to the various colors available. Substance not present in all colors; consult manufacturer for additional information if necessary.

MICA (MICA)

ID: 12001-26-2

#: 0.0000 - 1.7500 GS: LT-UNK RC: None NANO: No ROLE: Pigments and Related Additives

HAZARDS: AGENCY(IES) WITH WARNINGS:
None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: Substance bound in matrix of finished product. Percent by weight reported as range due to the various colors available. Substance not present in all colors; consult manufacturer for additional information if necessary.

SILICA, AMORPHOUS (SILICA, AMORPHOUS)

ID: 7631-86-9

#: 0.0000 - 0.1500 GS: LT-P1 RC: None NANO: No ROLE: Pigments and Related Additives

HAZARDS: AGENCY(IES) WITH WARNINGS:
CANCER Japan - GHS Carcinogenicity - Category 1A

SUBSTANCE NOTES: Substance bound in matrix of finished product. Percent by weight reported as range due to the various colors available. Substance not present in all colors; consult manufacturer for additional information if necessary.

FERRIC OXIDE (FERRIC OXIDE)

ID: 1309-37-1

#: 0.0000 - 2.5000 GS: BM-2 RC: None NANO: No ROLE: Pigments and Related Additives

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification
--------	-----	--

SUBSTANCE NOTES: Substance bound in matrix of finished product. This substance is considered essentially inert for the purposes of Pharos toxics scoring (Pharos CML). Percent by weight reported as range due to the various colors available. Substance not present in all colors; consult manufacturer for additional information if necessary.

KAOLIN CLAY

ID: 1332-58-7

%: 0.0000 - 0.6500	GS: LT-UNK	RC: None	NANO: No	ROLE: Pigments and Related Additives
---------------------------	-------------------	-----------------	-----------------	---

HAZARDS:	AGENCY(IES) WITH WARNINGS:
----------	----------------------------

CANCER	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification
--------	-----	--

SUBSTANCE NOTES: Substance bound in matrix of finished product. Identified on the US EPA Safer Chemical Ingredient List (Green Circle - Verified Low Concern). Percent by weight reported as range due to the various colors available. Substance not present in all colors; consult manufacturer for additional information if necessary.

UNDISCLOSED

%: 0.0000 - 0.1500	GS: LT-P1	RC: None	NANO: No	ROLE: Pigments and Related Additives
---------------------------	------------------	-----------------	-----------------	---

HAZARDS:	AGENCY(IES) WITH WARNINGS:
----------	----------------------------

CANCER	New Zealand - GHS	6.7A - Known or presumed human carcinogens
--------	-------------------	--

SUBSTANCE NOTES: Substance bound in matrix of finished product. Supplier has shared substance name and CASRN under the terms of a non-disclosure agreement with third-party consultant; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed. Percent by weight reported as range due to the various colors available. Substance not present in all colors; consult manufacturer for additional information if necessary.

UNDISCLOSED

%: 0.0000 - 0.7000	GS: LT-UNK	RC: None	NANO: No	ROLE: Pigments and Related Additives
---------------------------	-------------------	-----------------	-----------------	---

HAZARDS:	AGENCY(IES) WITH WARNINGS:
----------	----------------------------

None Found	No warnings found on HPD Priority lists
------------	---

SUBSTANCE NOTES: Substance bound in matrix of finished product. Supplier has shared substance name and CASRN under the terms of a non-disclosure agreement with third-party consultant; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed. Percent by weight reported as range due to the various colors available. Substance not present in all colors; consult manufacturer for additional information if necessary.

UNDISCLOSED

%: 0.0000 - 0.1500	GS: NoGS	RC: None	NANO: No	ROLE: Pigments and Related Additives
---------------------------	-----------------	-----------------	-----------------	---

HAZARDS:	AGENCY(IES) WITH WARNINGS:
----------	----------------------------

None Found	No warnings found on HPD Priority lists
------------	---

SUBSTANCE NOTES: Substance bound in matrix of finished product. Supplier has shared substance name and CASRN under the terms of a non-disclosure agreement with third-party consultant; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed. Percent by weight reported as range due to the various colors available. Substance not present in all colors; consult manufacturer for additional information if necessary.

UNDISCLOSED

%: 0.0000 - 1.0000	GS: LT-UNK	RC: None	NANO: No	ROLE: Pigments and Related Additives
---------------------------	-------------------	-----------------	-----------------	---

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Substance bound in matrix of finished product. Supplier has shared substance name and CASRN under the terms of a non-disclosure agreement with third-party consultant; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed. Percent by weight reported as range due to the various colors available. Substance not present in all colors; consult manufacturer for additional information if necessary.

UNDISCLOSED

#: **0.0000 - 1.1500** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Pigments and Related Additives**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Substance bound in matrix of finished product. Supplier has shared substance name and CASRN under the terms of a non-disclosure agreement with third-party consultant; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed. Percent by weight reported as range due to the various colors available. Substance not present in all colors; consult manufacturer for additional information if necessary.

UNDISCLOSED

#: **0.0000 - 0.2000** GS: **BM-3** RC: **None** NANO: **No** ROLE: **Pigments and Related Additives**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Identified on the US EPA Safer Chemical Ingredient List (Green Circle - Verified Low Concern). Substance bound in matrix of finished product. Supplier has shared substance name and CASRN under the terms of a non-disclosure agreement with third-party consultant; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed. Percent by weight reported as range due to the various colors available. Substance not present in all colors; consult manufacturer for additional information if necessary.

UNDISCLOSED

#: **0.0000 - 0.5000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Pigments and Related Additives**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Identified on the US EPA Safer Chemical Ingredient List (Green Circle - Verified Low Concern). Substance bound in matrix of finished product. Supplier has shared substance name and CASRN under the terms of a non-disclosure agreement with third-party consultant; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed. Percent by weight reported as range due to the various colors available. Substance not present in all colors; consult manufacturer for additional information if necessary.

UNDISCLOSED

#: **0.0000 - 1.0000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Pigments and Related Additives**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Substance bound in matrix of finished product. Supplier has shared substance name and CASRN under the terms of a non-disclosure agreement with third-party consultant; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed. Percent by weight reported as range due to the various colors available. Substance not present in all colors; consult manufacturer for additional information if necessary.

UNDISCLOSED

#: **0.0000 - 0.2500** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Pigments and Related Additives**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

SUBSTANCE NOTES: Substance bound in matrix of finished product. Supplier has shared substance name and CASRN under the terms of a non-disclosure agreement with third-party consultant; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed. Percent by weight reported as range due to the various colors available. Substance not present in all colors; consult manufacturer for additional information if necessary.

UNDISCLOSED

#: **0.0000 - 0.1000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Pigments and Related Additives**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Substance bound in matrix of finished product. Supplier has shared substance name and CASRN under the terms of a non-disclosure agreement with third-party consultant; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed. Percent by weight reported as range due to the various colors available. Substance not present in all colors; consult manufacturer for additional information if necessary.

UNDISCLOSED

#: **0.0000 - 0.7000** GS: **NoGS** RC: **None** NANO: **No** ROLE: **Pigments and Related Additives**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Substance bound in matrix of finished product. Supplier has shared substance name and CASRN under the terms of a non-disclosure agreement with third-party consultant; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed. Percent by weight reported as range due to the various colors available. Substance not present in all colors; consult manufacturer for additional information if necessary.

UNDISCLOSED

#: **0.0000 - 0.2500** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Pigments and Related Additives**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Substance bound in matrix of finished product. Supplier has shared substance name and CASRN under the terms of a non-disclosure agreement with third-party consultant; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed. Percent by weight reported as range due to the various colors available. Substance not present in all colors; consult manufacturer for additional information if necessary.

UNDISCLOSED

#: **0.0000 - 0.1500** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Pigments and Related Additives**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Substance bound in matrix of finished product. Supplier has shared substance name and CASRN under the terms of a non-disclosure agreement with third-party consultant; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed. Percent by weight reported as range due to the various colors available. Substance not present in all colors; consult manufacturer for additional information if necessary.

UNDISCLOSED

#: **0.0000 - 0.8000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Pigments and Related Additives**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER

MAK

Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: Substance bound in matrix of finished product. Supplier has shared substance name and CASRN under the terms of a non-disclosure agreement with third-party consultant; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed. Percent by weight reported as range due to the various colors available. Substance not present in all colors; consult manufacturer for additional information if necessary.

UNDISCLOSED

#: 0.0000 - 0.2000 GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Pigments and Related Additives**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Substance bound in matrix of finished product. Supplier has shared substance name and CASRN under the terms of a non-disclosure agreement with third-party consultant; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed. Percent by weight reported as range due to the various colors available. Substance not present in all colors; consult manufacturer for additional information if necessary.

UNDISCLOSED

#: 0.0000 - 1.0000 GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Pigments and Related Additives**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

PHYSICAL HAZARD (REACTIVE)

EU - GHS (H-Statements)

H228 - Flammable solid

PHYSICAL HAZARD (REACTIVE)

EU - GHS (H-Statements)

H250 - Catches fire spontaneously if exposed to air

PHYSICAL HAZARD (REACTIVE)

EU - GHS (H-Statements)

H261 - In contact with water releases flammable gases

RESPIRATORY

AOEC - Asthmagens

Asthmagen (ARs) - sensitizer-induced - inhalable forms only

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

SUBSTANCE NOTES: Substance bound in matrix of finished product. Supplier has shared substance name and CASRN under the terms of a non-disclosure agreement with third-party consultant; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed. Specific guidelines are being created to address known issues related to transparency and disclosure for several materials ("Special Conditions"), including those with form-specific hazards such as this substance. This HPD will be updated as appropriate when these guidelines become available. Percent by weight reported as range due to the various colors available. Substance not present in all colors; consult manufacturer for additional information if necessary.

UNDISCLOSED

#: 0.0000 - 0.2500 GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Pigments and Related Additives**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Identified on the US EPA Safer Chemical Ingredient List (Green Circle - Verified Low Concern). Substance bound in matrix of finished product. Supplier has shared substance name and CASRN under the terms of a non-disclosure agreement with third-party consultant; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed. Percent by weight reported as range due to the various colors available. Substance not present in all colors; consult manufacturer for additional information if necessary.

UNDISCLOSED

#: 0.0000 - 0.6900 GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Pigments and Related Additives**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Substance bound in matrix of finished product. Supplier has shared substance name and CASRN under the terms of a non-disclosure agreement with third-party consultant; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed. Percent by weight reported as range due to the various colors available. Substance not present in all colors; consult manufacturer for additional information if necessary.

UNDISCLOSED

#: **0.0000 - 0.1500** GS: **BM-2** RC: **None** NANO: **No** ROLE: **Pigments and Related Additives**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY

AOEC - Asthmagens

Asthmagen (ARs) - sensitizer-induced - inhalable forms only

SUBSTANCE NOTES: Substance bound in matrix of finished product. Supplier has shared substance name and CASRN under the terms of a non-disclosure agreement with third-party consultant; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed. Percent by weight reported as range due to the various colors available. Substance not present in all colors; consult manufacturer for additional information if necessary.

UNDISCLOSED

#: **0.0000 - 0.1500** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Pigments and Related Additives**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Substance bound in matrix of finished product. Supplier has shared substance name and CASRN under the terms of a non-disclosure agreement with third-party consultant; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed. Percent by weight reported as range due to the various colors available. Substance not present in all colors; consult manufacturer for additional information if necessary.

UNDISCLOSED

#: **0.0000 - 0.1500** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Pigments and Related Additives**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Substance bound in matrix of finished product. Supplier has shared substance name and CASRN under the terms of a non-disclosure agreement with third-party consultant; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed. Percent by weight reported as range due to the various colors available. Substance not present in all colors; consult manufacturer for additional information if necessary.

UNDISCLOSED

#: **0.0000 - 0.2500** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Pigments and Related Additives**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Substance bound in matrix of finished product. Supplier has shared substance name and CASRN under the terms of a non-disclosure agreement with third-party consultant; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed. Percent by weight reported as range due to the various colors available. Substance not present in all colors; consult manufacturer for additional information if necessary.

UNDISCLOSED

#: **0.0000 - 0.1500** GS: **NoGS** RC: **None** NANO: **No** ROLE: **Pigments and Related Additives**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Substance bound in matrix of finished product. Supplier has shared substance name and CASRN under the terms of a non-disclosure agreement with third-party consultant; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed. Percent by weight reported as range due to the various colors available. Substance not present in all colors; consult manufacturer for additional information if necessary.

UNDISCLOSED

#: 0.0000 - 0.1500	GS: LT-UNK	RC: None	NANO: No	ROLE: Pigments and Related Additives
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
None Found	No warnings found on HPD Priority lists			
SUBSTANCE NOTES: Substance bound in matrix of finished product. Supplier has shared substance name and CASRN under the terms of a non-disclosure agreement with third-party consultant; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed. Percent by weight reported as range due to the various colors available. Substance not present in all colors; consult manufacturer for additional information if necessary.				

UNDISCLOSED

#: 0.0000 - 0.5000	GS: NoGS	RC: None	NANO: No	ROLE: Pigments and Related Additives
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
None Found	No warnings found on HPD Priority lists			
SUBSTANCE NOTES: Identified on the US EPA Safer Chemical Ingredient List (Green Circle - Verified Low Concern). Substance bound in matrix of finished product. Supplier has shared substance name and CASRN under the terms of a non-disclosure agreement with third-party consultant; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed. Percent by weight reported as range due to the various colors available. Substance not present in all colors; consult manufacturer for additional information if necessary.				

UNDISCLOSED

#: 0.0000 - 3.5000	GS: LT-UNK	RC: None	NANO: No	ROLE: Pigments and Related Additives
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
None Found	No warnings found on HPD Priority lists			
SUBSTANCE NOTES: Identified on the US EPA Safer Chemical Ingredient List (Green Circle - Verified Low Concern). Substance bound in matrix of finished product. Supplier has shared substance name and CASRN under the terms of a non-disclosure agreement with third-party consultant; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed. Percent by weight reported as range due to the various colors available. Substance not present in all colors; consult manufacturer for additional information if necessary.				

ALUMINUM, TRIETHYL- (ALUMINUM, TRIETHYL-) ID: **97-93-8**

#: Impurity/Residual	GS: LT-P1	RC: None	NANO: No	ROLE: Impurity/Residual
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
RESPIRATORY	AOEC - Asthmagens		Asthmagen (ARs) - sensitizer-induced - inhalable forms only	
SUBSTANCE NOTES: Potential Residual/Impurity of HDPE (25213-02-9), as predicted by Process Chemistry (Pharos CML). Catalyst (homogeneous/unstructured/unknown); Frequent; Percentage: Unknown. This potential Residual/Impurity is listed for virgin HDPE only; no potential residual hazards have been identified for recycled HDPE (Pharos CML).				

TITANIUM TETRACHLORIDE (TITANIUM TETRACHLORIDE) ID: **7550-45-0**

#: Impurity/Residual	GS: LT-P1	RC: None	NANO: No	ROLE: Impurity/Residual
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
SKIN IRRITATION	EU - R-phrases		R34 - Causes burns	
SKIN IRRITATION	EU - GHS (H-Statements)		H314 - Causes severe skin burns and eye damage	
MAMMALIAN	US EPA - EPCRA Extremely Hazardous Substances		Extremely Hazardous Substances	
SUBSTANCE NOTES: Potential Residual/Impurity of HDPE (25213-02-9), as predicted by process chemistry (Pharos CML): Catalyst (homogeneous/unstructured/unknown); Frequent; Percentage: Unknown. This potential Residual/Impurity is listed for virgin HDPE only; no potential residual hazards have been identified for recycled HDPE (Pharos CML).				

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: No residuals or impurities with a GS score of BM-1, LT-1, LT-P1 or NoGS are expected to be present at or above the Content Inventory Threshold indicated for known substances, as predicted by process chemistry (Pharos CML).

OTHER MATERIAL NOTES: Percent by weight of material and substances reported as ranges due to the variations in configurations available. Specific guidelines are being created to address known issues related to transparency and disclosure for several materials ("Special Conditions"), including Mixed Hardware. This HPD will be updated as appropriate when these guidelines become available. All substances known to be present in the standard hardware available for this product line have been listed; optional hardware is listed in Section 4: Accessories.

ALUMINUM

ID: 7429-90-5

%: **55.0000 - 65.0000** GS: **LT-P1** RC: **UNK** NANO: **No** ROLE: **Headrail; Brackets; Strike/Keeper**

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
RESPIRATORY	AOEC - Asthmagens	Asthmagen (ARs) - sensitizer-induced - inhalable forms only
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H228 - Flammable solid
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H250 - Catches fire spontaneously if exposed to air
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H261 - In contact with water releases flammable gases

SUBSTANCE NOTES: Specific guidelines are being created to address known issues related to transparency and disclosure for several materials ("Special Conditions"), including those with form-specific hazards such as Aluminum. This HPD will be updated as appropriate when these guidelines become available.

STAINLESS STEEL

ID: 12597-68-1

%: **35.0000 - 40.0000** GS: **NoGS** RC: **UNK** NANO: **No** ROLE: **Hinges; Headrail Brackets; Shoes; Coat Hook**

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
None Found	No warnings found on HPD Priority lists	

SUBSTANCE NOTES: This substance is considered essentially inert for the purposes of Pharos toxics scoring (Pharos CML).

ZAMAK

ID: **Not registered**

%: **2.0000 - 3.0000** GS: **NoGS** RC: **None** NANO: **No** ROLE: **Latch**

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
None Found	No warnings found on HPD Priority lists	

SUBSTANCE NOTES: Alloy with a base metal of zinc and alloying elements of aluminium, magnesium, and copper.

 **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

GREENGUARD Gold Certified

CERTIFYING PARTY: Third Party

ISSUE EXPIRY CERTIFIER OR

Hiny Hiders Partitions (Standard)
 hpdrepository.hpd-collaborative.org

APPLICABLE FACILITIES: All

DATE: 2012-05-31 DATE: 2018-05-31 LAB: UL

CERTIFICATE URL: <https://spot.ulprospector.com/documents/1473100.pdf>

bs=32207&b=676056&st=1&sl=47771160&crit=a2V5d29yZDpbc2NyYW50b25d&k=scranton&r=na&ind=builtenvironment

Environment

CERTIFICATION AND COMPLIANCE NOTES: Certification Number: 23871-420. UL 2818 - 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings. Building products and interior finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.1-2010 using a Bathroom Environment. Product tested in accordance with UL 2821 test method to show compliance to emission limits on UL 2818. Section 7.1 and 7.2.

VOC EMISSIONS

GREENGUARD Certified

CERTIFYING PARTY: Third Party

ISSUE DATE: 2012-05-31 EXPIRY DATE: 2018-05-31 CERTIFIER OR LAB: UL

APPLICABLE FACILITIES: All

CERTIFICATE URL: <https://spot.ulprospector.com/documents/1473101.pdf>

Environment

bs=32207&b=676056&st=1&sl=47771160&crit=a2V5d29yZDpbc2NyYW50b25d&k=scranton&r=na&ind=builtenvironment

Environment

CERTIFICATION AND COMPLIANCE NOTES: Certificate Number: 23871-410. UL 2818 - 2013 Standard for Chemical Emissions for Building Materials, Finishes and Furnishings. Building materials are determined compliant in accordance with a Bathroom environment with an air change of 0.72 hr⁻¹ and a loading of 8.20 m2. Products tested in accordance with UL 2821 test method to show compliance to emission limits in UL 2818, Section 7.1.

+ 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.

PLASTIC SHOES

HPD URL: **No HPD available**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Constructed of unspecified plastic material. Contact manufacturer for more information if required.

PLASTIC BRACKETS

HPD URL: **No HPD available**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Available in Single Ear or Double Ear. Constructed of unspecified plastic material. Contact manufacturer for more information if required.

ALUMINUM BRACKETS

HPD URL: **No HPD available**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Available in Single Ear or Double Ear. Constructed of Aluminum. Contact manufacturer for more information if required.

CONTINUOUS HINGE

HPD URL: **No HPD available**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Constructed from Aluminum or Stainless Steel. Contact manufacturer for more information if required.

SPRING-LOADED HINGE

HPD URL: **No HPD available**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Constructed of Stainless Steel. Contact manufacturer for more information if required.

Section 5: General Notes

Section 6: References

MANUFACTURER INFORMATION

MANUFACTURER: **Scranton Products**
ADDRESS: **801 East Corey Street**
Scranton PA 18505, USA
WEBSITE: **www.scrantonproducts.com**

CONTACT NAME: **Maria Knapp**
TITLE: **Marketing Manager**
PHONE: **570.348.0997 ext 2345**
EMAIL: **mknapp@scrantonproducts.com**

KEY

OSHA MSDS Occupational Safety and Health Administration Material Safety Data Sheet
GHS SDS Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

Hazard Types

AQU Aquatic toxicity	GLO Global warming	PHY Physical Hazard (reactive)
CAN Cancer	MAM Mammalian/systemic/organ toxicity	REP Reproductive toxicity
DEV Developmental toxicity	MUL Multiple hazards	RES Respiratory sensitization
END Endocrine activity	NEU Neurotoxicity	SKI Skin sensitization/irritation/corrosivity
EYE Eye irritation/corrosivity	OZO Ozone depletion	LAN Land Toxicity
GEN Gene mutation	PBT Persistent Bioaccumulative Toxic	NF Not found on Priority Hazard Lists

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)	LT-P1 List Translator Possible Benchmark 1
BM-3 Benchmark 3 (use but still opportunity for improvement)	LT-1 List Translator Likely Benchmark 1
BM-2 Benchmark 2 (use but search for safer substitutes)	LT-UNK List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)
BM-1 Benchmark 1 (avoid - chemical of high concern)	NoGS Unknown (no data on List Translator Lists)
BM-U Benchmark Unspecified (insufficient 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 Terms

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.