

HPD UNIQUE IDENTIFIER: 23851

CLASSIFICATION: 09 68 13 Tile Carpeting

PRODUCT DESCRIPTION: Recyclable TUNTEX™ Commercial Duraback™ is designed with recyclability in mind, being completely free from harmful Volatile Organic Compounds (VOCs). Nylon consumer products (i.e. clothes hangers, backpack, seatbelt etc.) are useful recycled products made from used TUNTEX carpets after the process of separation of face yarn and backing. The backing will also be recycled then put back as new carpet tile backing. The whole carpet tile is recyclable and this is a total solution to minimize the environmental burden. The carpet tile serves as a floor covering and can be used in low traffic to high traffic commercial settings. Steam cleaning is recommended for maintenance, with cleaning frequency dependent on use.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format	Threshold level	Residuals/Impurities	<i>All Substances Above the Threshold Indicated Are:</i>
<input type="radio"/> Nested Materials Method	<input type="radio"/> 100 ppm	<input checked="" type="radio"/> Considered	Characterized <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No
<input checked="" type="radio"/> Basic Method	<input checked="" type="radio"/> 1,000 ppm	<input type="radio"/> Partially Considered	<i>% weight and role provided for all substances.</i>
Threshold Disclosed Per	<input type="radio"/> Per GHS SDS	<input type="radio"/> Not Considered	Screened <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No
<input type="radio"/> Material	<input type="radio"/> Other	Explanation(s) provided for Residuals/Impurities?	<i>All substances screened using Priority Hazard Lists with results disclosed.</i>
<input checked="" type="radio"/> Product		<input checked="" type="radio"/> Yes <input type="radio"/> No	Identified <input type="radio"/> Yes Ex/SC <input type="radio"/> Yes <input checked="" type="radio"/> No
			<i>One or more substances not disclosed by Name (Specific or Generic) and Identifier and/ or one or more Special Condition did not follow guidance.</i>

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
RECYCLABLE TUNTEX COMMERCIAL DURABACK WITH NYLON 6 YARN [**CALCIUM CARBONATE** BM-3 **POLYVINYL CHLORIDE (PVC)** LT-P1 | **RES BIS(2-ETHYLHEXYL) TEREPHTHALATE** BM-3dg **NYLON 6** LT-UNK **POLYETHYLENE TEREPHTHALATE (PET)** LT-UNK **UNDISCLOSED** BM-2 **WATER** BM-4 **ETHYLENE VINYL ACETATE POLYMER (EVA)** LT-UNK **SOLID GLASS AND GLASS / MINERAL FIBER (SEE VARIANTS)** LT-UNK **CALCIUM OXIDE** LT-P1 **UNDISCLOSED** BM-1 | **CAN UNDISCLOSED** LT-P1 | **PBT** | **MUL CAPROLACTAM** LT-UNK | **SKI** | **EYE UNDISCLOSED** LT-1 | **CAN** | **END ISOPHTHALIC ACID TEREPHTHALIC ACID ETHYLENE GLYCOL POLYMER (ISOPHTHALIC ACID TEREPHTHALIC ACID ETHYLENE GLYCOL POLYMER)** NoGS]

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:

Manufacturer has opted for the basic inventory display – chemical substances are listed by weight in the entire product instead of grouped by material. Nanomaterials are not used in this product. All substances including residuals are disclosed to 1,000 ppm. Not all substance name and identifiers are disclosed due to their proprietary nature to the supplier or manufacturer, however all substances are screened with their hazards reported.

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: CRI Green Label Plus - Carpets
 VOC emissions: SGLS Singapore Green Labelling Scheme
 Management: ISO 9001:2015 Quality management systems
 Management: ISO 14001:2004 Environmental management systems

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients Option 1

Third Party Verified?	PREPARER: Self-Prepared VERIFIER: GreenCircle Certified	SCREENING DATE: 2021-01-19 PUBLISHED DATE: 2021-02-22
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Yes
 No

VERIFICATION #: 6H3-951

EXPIRY DATE: 2024-01-19

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

RECYCLABLE TUNTEX COMMERCIAL DURABACK WITH NYLON 6 YARN

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals are considered as all substances including residuals are disclosed to 1,000 ppm. Residuals were identified through supplier and consultant expertise regarding the substances disclosed. Any known impurities, unreacted inputs, and residuals were marked accordingly.

OTHER PRODUCT NOTES: All substances including residuals are disclosed to 1,000 ppm.

CALCIUM CARBONATE

ID: 471-34-1

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-01-19

#: 56.8900 - 62.3400 GS: BM-3 RC: None NANO: No SUBSTANCE ROLE: Filler

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Substance ranges based on supplier documentation

POLYVINYL CHLORIDE (PVC)

ID: 9002-86-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-01-19

#: 12.0100 - 13.2000 GS: LT-P1 RC: None NANO: No SUBSTANCE ROLE: Structure component

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: Substance ranges based on supplier documentation.

BIS(2-ETHYLHEXYL) TEREPHTHALATE

ID: 6422-86-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-01-19

#: 8.7700 - 9.6500 GS: BM-3dg RC: None NANO: No SUBSTANCE ROLE: Plasticizer

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Substance ranges based on supplier documentation

NYLON 6

ID: 25038-54-4

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-01-19	
%: 8.5900 - 16.9000	GS: LT-UNK	RC: None	NANO: No SUBSTANCE ROLE: Textile component
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS	
None found		No warnings found on HPD Priority Hazard Lists	
SUBSTANCE NOTES: Substance ranges based on supplier documentation			

POLYETHYLENE TEREPHTHALATE (PET) ID: **25038-59-9**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-01-19	
%: 1.1300 - 2.0600	GS: LT-UNK	RC: None	NANO: No SUBSTANCE ROLE: Structure component
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS	
None found		No warnings found on HPD Priority Hazard Lists	
SUBSTANCE NOTES: Substance ranges based on supplier documentation.			

UNDISCLOSED ID: **Undisclosed**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-01-19	
%: 0.8500 - 0.9300	GS: BM-2	RC: None	NANO: No SUBSTANCE ROLE: Plasticizer
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS	
None found		No warnings found on HPD Priority Hazard Lists	
SUBSTANCE NOTES: Substance ranges based on supplier documentation. This substance is considered proprietary by the supplier; however, the range and health hazards are disclosed.			

WATER ID: **7732-18-5**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-01-19	
%: 0.8100 - 0.9600	GS: BM-4	RC: None	NANO: No SUBSTANCE ROLE: Solvent
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS	
None found		No warnings found on HPD Priority Hazard Lists	
SUBSTANCE NOTES: Substance ranges based on supplier documentation.			

ETHYLENE VINYL ACETATE POLYMER (EVA) ID: **24937-78-8**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-01-19	
%: 0.8100 - 0.9600	GS: LT-UNK	RC: None	NANO: No SUBSTANCE ROLE: Adhesive
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS	
None found		No warnings found on HPD Priority Hazard Lists	
SUBSTANCE NOTES: Substance ranges based on supplier documentation.			

SOLID GLASS AND GLASS / MINERAL FIBER (SEE VARIANTS)

ID: 65997-17-3

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-19**

#: **0.6800 - 0.7400** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Structure component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Substance ranges based on supplier documentation.

CALCIUM OXIDE

ID: 1305-78-8

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-19**

#: **0.1400 - 0.1500** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Filler**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Substance ranges based on supplier documentation.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-19**

#: **0.0900 - 0.4500** GS: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CAN	US CDC - Occupational Carcinogens	Occupational Carcinogen
CAN	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification
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

SUBSTANCE NOTES: Substance ranges based on supplier documentation. This substance is considered proprietary by the supplier; however, the range and health hazards are disclosed.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-19**

#: **0.0500 - 0.1700** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Anti-static**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
PBT	EC - CEPA DSL	Persistent, Bioaccumulative and inherently Toxic (PBiTE) to the Environment (based on aquatic organisms)
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

SUBSTANCE NOTES: Substance ranges based on supplier documentation. This substance is considered proprietary by the supplier; however, the range and health hazards are disclosed.

CAPROLACTAM

ID: 105-60-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-19**%: **Impurity/Residual** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Impurity/Residual**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
SKI	EU - GHS (H-Statements)	H315 - Causes skin irritation
EYE	EU - GHS (H-Statements)	H319 - Causes serious eye irritation

SUBSTANCE NOTES: Substance ranges based on supplier documentation.

UNDISCLOSEDID: **Undisclosed**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-19**%: **0.0000 - 0.5100** GS: **LT-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CAN	EU - GHS (H-Statements)	H351 - Suspected of causing cancer
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

SUBSTANCE NOTES: Substance ranges based on supplier documentation. This substance is considered proprietary by the supplier; however, the range and health hazards are disclosed.

ISOPHTHALIC ACID TEREPHTHALIC ACID ETHYLENE GLYCOL POLYMER (ISOPHTHALIC ACID TEREPHTHALIC ACID ETHYLENE GLYCOL POLYMER)

ID: 24938-04-3

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-19**%: **0.0000 - 0.8200** GS: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Plasticizer**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Substance ranges based on supplier documentation.

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	CRI Green Label Plus - Carpets		
CERTIFYING PARTY: Third Party	ISSUE DATE: 2021-01-	EXPIRY DATE: 2021-	CERTIFIER OR LAB: The Carpet and Rug Institute
APPLICABLE FACILITIES: All	01	12-31	
CERTIFICATE URL: https://carpet-rug.org/testing/green-label-plus/carpet-products/?highlight=tuntex			
CERTIFICATION AND COMPLIANCE NOTES: Range of Total VOCs 0.5 mg/m3 or less for Private Office Scenario.			

VOC EMISSIONS	SGLS Singapore Green Labelling Scheme		
CERTIFYING PARTY: Third Party	ISSUE DATE: 2020-03-	EXPIRY DATE: 2022-	CERTIFIER OR LAB: Singapore Environment Council
APPLICABLE FACILITIES: All	15	03-14	
CERTIFICATE URL: https://sgls.sec.org.sg/			
CERTIFICATION AND COMPLIANCE NOTES:			

MANAGEMENT	ISO 9001:2015 Quality management systems		
CERTIFYING PARTY: Third Party	ISSUE DATE:	EXPIRY DATE:	CERTIFIER OR LAB:
APPLICABLE FACILITIES: All	2020-12-03	2024-01-06	IQNet and CQC
CERTIFICATE URL: https://www.tuntex-carpet.com/en/certifications?field_product_type_target_id=1&field_document_type_value=Certificate&page=1			
CERTIFICATION AND COMPLIANCE NOTES:			

MANAGEMENT	ISO 14001:2004 Environmental management systems		
CERTIFYING PARTY: Third Party	ISSUE DATE:	EXPIRY DATE:	CERTIFIER OR LAB:
APPLICABLE FACILITIES: All	2020-12-04	2024-01-08	IQNet and CQC
CERTIFICATE URL: https://www.tuntex-carpet.com/en/certifications?field_product_type_target_id=1&field_document_type_value=Certificate&page=1			
CERTIFICATION AND COMPLIANCE NOTES:			

MANAGEMENT	Occupational Health & Safety Management System (ISO 45001:2018)		
CERTIFYING PARTY: Third Party	ISSUE DATE:	EXPIRY DATE:	CERTIFIER OR LAB:
APPLICABLE FACILITIES: All	2019-10-28	2022-10-27	IQNet and CQC
CERTIFICATE URL: https://www.tuntex-carpet.com/en/certifications?field_product_type_target_id=1&field_document_type_value=Certificate&page=0			
CERTIFICATION AND COMPLIANCE NOTES:			

OTHER	SINGAPORE GREEN BUILDING PRODUCT CERTIFICATE		
CERTIFYING PARTY: Third Party	ISSUE DATE: 2020-06-	EXPIRY DATE: 2022-	CERTIFIER OR LAB: SGBC
APPLICABLE FACILITIES: All	03	06-02	
CERTIFICATE URL: https://www.sgbc.sg/index.php			
CERTIFICATION AND COMPLIANCE NOTES:			

OTHER	Environmental Product Declaration (EPD) by UL		
CERTIFYING PARTY: Third Party	ISSUE DATE: 2016-11-	EXPIRY DATE: 2021-	CERTIFIER OR LAB: UL
APPLICABLE FACILITIES: All	01	11-29	
CERTIFICATE URL: https://spot.ul.com/			
CERTIFICATION AND COMPLIANCE NOTES:			

CERTIFYING PARTY: Third Party

APPLICABLE FACILITIES: All

CERTIFICATE URL: [https://www.tuntex-carpet.com/en/certifications?](https://www.tuntex-carpet.com/en/certifications?field_product_type_target_id=1&field_document_type_value=Certificate&page=0)

field_product_type_target_id=1&field_document_type_value=Certificate&page=0

ISSUE DATE:

2020-06-01

EXPIRY DATE:

2021-05-31

CERTIFIER OR LAB:

GreenCircle Certified

CERTIFICATION AND COMPLIANCE NOTES: Renaissance of Art products are certified for a minimum of 18% pre-consumer content, and Ecoconcept products are certified for a minimum of 25% pre-consumer content. Both product types are included in this HPD.

+ 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.

TX-500 MODULAR CARPET ADHESIVE BY SUZHOU TUNTEX FIBER& CARPET CO., LTD.

HPD URL: No HPD available

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

The carpet tile tack adhesive is used for installation of the carpet tile.

INSTALLATION STICKER BY SHANGHAI ZHENGHUAN ADHESIVE PRODUCTS CO., LTD

HPD URL: No HPD available

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

The installation sticker/film is an adhesive used as an alternate for the carpet tile tack adhesive for installations.

+ Section 5: General Notes

Product variance based on size, shape, and finishing. All products are functionally similar, certifications listed in Section 3: Certifications and Compliance applies to all products included, and the content differences between the products account for 10% or less of the total mass of each product.

MANUFACTURER INFORMATION

MANUFACTURER: Suzhou Tuntex Fiber and Carpet Co., Ltd.
ADDRESS: No.28 ChengXi South Road
 TaiCang JiangSu 215400, China
WEBSITE: <http://www.tuntex-carpet.com/en/>

CONTACT NAME: Kurt Wu
TITLE: Tuntex HPD Support
PHONE: +86-512-53530142
EMAIL: kurt.wu@tuntexcarpet.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	LAN Land toxicity	PHY Physical hazard (flammable or reactive)
CAN Cancer	MAM Mammalian/systemic/organ toxicity	REP Reproductive
DEV Developmental toxicity	MUL Multiple	RES Respiratory sensitization
END Endocrine activity	NEU Neurotoxicity	SKI Skin sensitization/irritation/corrosivity
EYE Eye irritation/corrosivity	NF Not found on Priority Hazard Lists	UNK Unknown
GEN Gene mutation	OZO Ozone depletion	
GLO Global warming	PBT Persistent, bioaccumulative, and toxic	

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)	LT-1 List Translator 1 (Likely Benchmark-1)
BM-3 Benchmark 3 (use but still opportunity for improvement)	LT-UNK List Translator Benchmark Unknown (the chemical is present on at least one GreenScreen Specified List, but the information contained within the list did not result in a clear mapping to a LT-1 or LTP1 score.)
BM-2 Benchmark 2 (use but search for safer substitutes)	NoGS No GreenScreen.
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)	

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.