

CLASSIFICATION: 12 05 13 Fabric

PRODUCT DESCRIPTION: Part of the KT Collection, Tinge is an environmentally friendly vinyl upholstery which offers performance with a look of delicate raw silk.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format

- Nested Materials Method
- Basic Method

Threshold level

- 100 ppm
- 1,000 ppm
- Per GHS SDS
- Per OSHA MSDS
- Other

Residuals/Impurities

- Considered
- Partially Considered
- Not Considered

Explanation(s) provided for Residuals/Impurities?

- Yes No

Are All Substances Above the Threshold Indicated:

Characterized Yes No
Percent Weight and Role Provided?

Screened Yes No
Using Priority Hazard Lists with Results Disclosed?

Identified Yes No
Name and Identifier Provided?

Threshold Disclosed Per

- Material
- Product

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

TINGE K2068 [**POLYVINYL CHLORIDE (PVC)** **LT-P1** | **RES BIS(2-ETHYLHEXYL) TEREPHTHALATE** **BM-3** **POLYETHYLENE TEREPHTHALATE (PET)** **LT-UNK** **CALCIUM CARBONATE** **BM-3** **ANTIMONY OXIDE (SB2O3), REACTION PRODUCTS WITH TALC** **LT-P1** | **AQU 10,10'-BIS(PHENOXYARSINYL) OXIDE** **LT-P1** | **DEL** | **AQU** | **MAM** | **CAN CARBON** **LT-UNK** **QUINO 2,3-B ACRIDINE-7,14-DIONE, 5,12-DIHYDRO-2,9-DIMETHYL-** **LT-UNK** **FERRIC OXIDE YELLOW** **LT-UNK** **C.I. PIGMENT BLUE 15** **BM-3** **PHthalocyanine GREEN** **LT-UNK** **BENZAMIDE, N,N'-[6,13-BIS(ACETYLAMINO) -2,9-DIETHOXY-5A,6,12A,13-TETRAHYDRO-3,10-TRIPHENODIOXAZINEDIYL]BIS-** **LT-UNK** **RUTILE TITANIUM DIOXIDE** **LT-1** | **CAN**]

Number of Greenscreen BM-4/BM3 contents ... 3

Contents highest concern GreenScreen Benchmark or List translator Score ... **LT-1**
Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

All known substances screened to 1000 ppm.

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 - Indoor Air Quality Certified

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?

- Yes
- No

PREPARER: **Self-Prepared**

VERIFIER:

VERIFICATION #:

SCREENING DATE: **2018-10-18**

PUBLISHED DATE:

EXPIRY DATE: **2021-10-18**



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

TINGE K2068

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities considered. Safety data sheet provided by manufacturer.

OTHER PRODUCT NOTES:

POLYVINYL CHLORIDE (PVC)

ID: 9002-86-2

#: 37.7200	GS: LT-P1	RC: None	NANO: No	ROLE: Wear Layer
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY

AOEC - Asthmagens

Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: No additional notes.

BIS(2-ETHYLHEXYL) TEREPHTHALATE

ID: 6422-86-2

#: 29.1000	GS: BM-3	RC: None	NANO: No	ROLE: Catalyst
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: No additional notes.

POLYETHYLENE TEREPHTHALATE (PET)

ID: 25038-59-9

#: 12.9900	GS: LT-UNK	RC: None	NANO: No	ROLE: Textile Backing
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: No additional notes.

CALCIUM CARBONATE

ID: 471-34-1

%: **6.8400** GS: **BM-3** RC: **None** NANO: **No** ROLE: **Catalyst**

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: No additional notes.

ANTIMONY OXIDE (SB2O3), REACTION PRODUCTS WITH TALC

ID: 127153-81-5

%: **2.1600** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Flame Retardant**

HAZARDS: AGENCY(IES) WITH WARNINGS:

CHRON AQUATIC EU - GHS (H-Statements) H411 - Toxic to aquatic life with long lasting effects

SUBSTANCE NOTES: No additional notes.

10,10'-BIS(PHENOXYARSINYL) OXIDE

ID: 58-36-6

%: **0.1300** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Antimicrobial**

HAZARDS: AGENCY(IES) WITH WARNINGS:

DEVELOPMENTAL	G&L - Neurotoxic Chemicals	Developmental Neurotoxicant
ACUTE AQUATIC	EU - GHS (H-Statements)	H400 - Very toxic to aquatic life
CHRON AQUATIC	EU - GHS (H-Statements)	H410 - Very toxic to aquatic life with long lasting effects
MAMMALIAN	EU - GHS (H-Statements)	H301 - Toxic if swallowed
MAMMALIAN	EU - GHS (H-Statements)	H331 - Toxic if inhaled
MAMMALIAN	US EPA - EPCRA Extremely Hazardous Substances	Extremely Hazardous Substances
CANCER	Korea - GHS	Carcinogenicity - Category 1 [H350 - May cause cancer]

SUBSTANCE NOTES: No additional notes.

CARBON

ID: 7440-44-0

%: **0.1000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Pigment**

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: Disclosure threshold indicated for minimum percentage because manufacturer is not able to provide percentage.

#: 0.1000	GS: LT-UNK	RC: None	NANO: No	ROLE: Pigment
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Disclosure threshold indicated for minimum percentage because manufacturer is not able to provide percentage.

FERRIC OXIDE YELLOW

ID: 51274-00-1

#: 0.1000	GS: LT-UNK	RC: None	NANO: No	ROLE: Pigment
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Disclosure threshold indicated for minimum percentage because manufacturer is not able to provide percentage.

C.I. PIGMENT BLUE 15

ID: 147-14-8

#: 0.1000	GS: BM-3	RC: None	NANO: No	ROLE: Pigment
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Disclosure threshold indicated for minimum percentage because manufacturer is not able to provide percentage.

PHTHALOCYANINE GREEN

ID: 1328-53-6

#: 0.1000	GS: LT-UNK	RC: None	NANO: No	ROLE: Pigment
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Disclosure threshold indicated for minimum percentage because manufacturer is not able to provide percentage.

BENZAMIDE, N,N'-[6,13-BIS(ACETYLAMINO) -2,9-DIETHOXY-5A,6,12A,13-TETRAHYDRO-3,10-TRIPHENODIOXAZINEDIYL]BIS-

ID: 57971-98-9

#: 0.1000	GS: LT-UNK	RC: None	NANO: No	ROLE: Pigment
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Disclosure threshold indicated for minimum percentage because manufacturer is not able to provide percentage.

%: 0.1000	GS: LT-1	RC: None	NANO: No	ROLE: Pigment
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 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value		

SUBSTANCE NOTES: Disclosure threshold indicated for minimum percentage because manufacturer is not able to provide percentage.

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 - Indoor Air Quality Certified

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2017-**

EXPIRY DATE:

CERTIFIER OR LAB: **UL**

APPLICABLE FACILITIES: **All facilities.**

07-28

Environment

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: **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.

No accessories are required for this product.

Section 5: General Notes

Textile warehousing and shipping from the Lubin Building located in East Greenville, Pennsylvania. This facility is also ISO 14001 and ISO 9001 Certified. Textiles can be purchased without finishes as a custom order to meet specific environmental standards, however, it may not comply with some contract market standards. Prior evaluation and approval is required by KnollTextiles. Confidentiality Notice: This data is intended for the use of the individual or entity to which it is addressed and may contain confidential information that is privileged, confidential and exempt from disclosure under applicable law. Information has been provided by the supplier to the best of their knowledge at time of completion.



MANUFACTURER INFORMATION

MANUFACTURER: **KnollTextiles**

ADDRESS: **1235 Water Street**

East Greenville PA 18049, US

WEBSITE: **www.knolltextiles.com**

CONTACT NAME: **KnollTextiles**

TITLE: **N/A**

PHONE: **866-565-5858**

EMAIL: **textiles_orders@knoll.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

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

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

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)

BM-3 Benchmark 3 (use but still opportunity for improvement)

BM-2 Benchmark 2 (use but search for safer substitutes)

BM-1 Benchmark 1 (avoid - chemical of high concern)

BM-U Benchmark Unspecified (insufficient data to benchmark)

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)

NoGS Unknown (no data on List Translator Lists)

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.