

CLASSIFICATION: 081400

created via: HPDC Online Builder

PRODUCT DESCRIPTION: THIS HPD COVERS PORTES MILETTE'S PANEL DOORS, STANDARD AND BIFOLD MODELS IN BOTH CLASSIC (COLONIAL) AND CONTEMPORARY (SHAKER) STYLES. FINISH: WHITE PRIMED MDF.

Section 1: Summary

CONTENT INVENTORY

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

Residuals and impurities considered in 5 of 5 materials
 see Section 2: Material Notes
 see Section 5: General Notes

Based on the selected Content Inventory Threshold:

Characterized.....	<input checked="" type="radio"/>	<input type="radio"/>
Are the Percent Weight and Role provided for all substances?	Yes	No
Screened.....	<input checked="" type="radio"/>	<input type="radio"/>
Are all substances screened using Priority Hazard Lists with results disclosed?	Yes	No
Identified.....	<input checked="" type="radio"/>	<input type="radio"/>
Are all substances disclosed by Name (Specific or Generic) and Identifier?	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.

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

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

FRAME [EASTERN WHITE PINE UNK] PANEL #1 [WOOD FIBER - UNSPECIFIED UNK MELAMINE-UREA-FORMALDEHYDE (MUF) LT-UNK UREA LT-UNK SLACK WAX (PETROLEUM) LT-1 | CAN | MUL FATTY ACIDS, C16-22, COMPS. WITH TRIETHANOLAMINE LT-UNK FORMALDEHYDE LT-1 | MAM | SKI | CAN | RES | GEN | MUL] PANEL #2 [WOOD FIBER - UNSPECIFIED UNK UREA FORMALDEHYDE LT-UNK SLACK WAX (PETROLEUM) LT-1 | CAN | MUL UREA LT-UNK AMMONIUM CHLORIDE LT-UNK | MAM | EYE FORMALDEHYDE LT-1 | MAM | SKI | CAN | RES | GEN | MUL] ADHESIVES [POLYVINYL ACETATE (PVA) LT-UNK] WHITE PRIMER [WATER BM-4 LIMESTONE; CALCIUM CARBONATE LT-UNK TALC LT-UNK | CAN TITANIUM DIOXIDE LT-1 | CAN KAOLIN CLAY LT-UNK | CAN 2-PROPENOIC ACID, METHYL ESTER, HOMOPOLYMER LT-UNK ETHYLENE GLYCOL MONOBUTYL ETHER (EGBE) LT-P1 | MAM | EYE | SKI | END | CAN]

INVENTORY AND SCREENING NOTES:

Milette doors' products do not contain impurities. Products have been screened at a 1,000 ppm level so that all potential residuals that could have existed in raw materials (wood, adhesives, wood panels and finishes), at that level, have been disclosed.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE

No certifications have been added to this HPD.

<input checked="" type="radio"/> Self-Published*	VERIFIER:	SCREENING DATE: October 11, 2016	EXPIRY DATE*: October 11, 2019
<input type="radio"/> Third Party Verified	VERIFICATION #:	RELEASE DATE: October 11, 2016	* or within 3 months of significant change in product contents
*See HPDC website for details			



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.

FRAME %: 52.4500 - 59.1000 HPD URL:

Inventory Threshold: 100 ppm Residuals Considered: Yes

Material Notes: Eastern white pine

EASTERN WHITE PINE

ID:

%: 100.0000

GS: UNK

RC: None

NANO: NO

ROLE: Main material

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: See material notes

PANEL #1 %: 21.9900 - 31.4800 HPD URL:

Inventory Threshold: 1000 ppm Residuals Considered: Yes

Material Notes: Medium density fiberboard (MDF) type

WOOD FIBER - UNSPECIFIED

ID:

%: 84.0000 - 93.0000

GS: UNK

RC: PreC

NANO: NO

ROLE: Main filler

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: See material notes

MELAMINE-UREA-FORMALDEHYDE (MUF)

ID: 25036-13-9

%: 7.0000 - 15.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Binder

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: See material notes

UREA

ID: 57-13-6

%: 0.8000 - 3.0000	GS: LT-UNK	RC: None	NANO: NO	ROLE: Reagent
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HAZARDS:**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Formaldehyde scavenger

SLACK WAX (PETROLEUM)

ID: 64742-61-6

%: 0.1300 - 0.7500	GS: LT-1	RC: None	NANO: NO	ROLE: Hydrophobic agent
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HAZARDS:**AGENCY(IES) WITH WARNINGS:**

CANCER	EU - R-phrases	R45 - May cause cancer
CANCER	EU - GHS (H-Statements)	H350 - May cause cancer
CANCER	EU - REACH Annex XVII CMRs	Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man
MULTIPLE	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
CANCER	EU - Annex VI CMRs	Carcinogen Category 1B - Presumed Carcinogen based on animal evidence

SUBSTANCE NOTES: Paraffin wax

FATTY ACIDS, C16-22, COMPDS. WITH TRIETHANOLAMINE

ID: 68647-51-8

%: 0.1300 - 0.7500	GS: LT-UNK	RC: None	NANO: NO	ROLE: Hydrophobic agent
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HAZARDS:**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Soap

FORMALDEHYDE

ID: 50-00-0

%: Impurity/Residual	GS: LT-1	RC: None	NANO: NO	ROLE: Impurity/Residual
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HAZARDS:**AGENCY(IES) WITH WARNINGS:**

MAMMALIAN	EU - R-phrases	R23 - Toxic by Inhalation (gas, vapour, dust/mist)
MAMMALIAN	EU - R-phrases	R24 - Toxic in Contact with Skin
MAMMALIAN	EU - R-phrases	R25 - Toxic if Swallowed
SKIN IRRITATION	EU - R-phrases	R34 - Causes burns
CANCER	EU - R-phrases	R40 - Limited Evidence of Carcinogenic Effects
SKIN SENSITIZE	EU - R-phrases	R43 - May cause sensitization by skin contact
RESPIRATORY	AOEC - Asthmagens	Asthmagen (G) - generally accepted
CANCER	US EPA - IRIS Carcinogens	(1986) Group B1 - Probable human Carcinogen
CANCER	IARC	Group 1 - Agent is Carcinogenic to humans
CANCER	CA EPA - Prop 65	Carcinogen
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	US NIH - Report on Carcinogens	Known to be a human Carcinogen
MAMMALIAN	EU - GHS (H-Statements)	H301 - Toxic if swallowed
MAMMALIAN	EU - GHS (H-Statements)	H311 - Toxic in contact with skin
SKIN IRRITATION	EU - GHS (H-Statements)	H314 - Causes severe skin burns and eye damage
SKIN IRRITATION	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
MAMMALIAN	EU - GHS (H-Statements)	H331 - Toxic if inhaled
GENE MUTATION	EU - GHS (H-Statements)	H341 - Suspected of causing genetic defects
CANCER	EU - GHS (H-Statements)	H350 - May cause cancer
MULTIPLE	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
CANCER	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization
CANCER	EU - Annex VI CMRs	Carcinogen Category 1B - Presumed Carcinogen based on animal evidence
SUBSTANCE NOTES: From MUF resin		

PANEL #2

%: 12.5900 - 14.3800 HPD URL:

Inventory Threshold: 1000 ppm Residuals Considered: Yes

WOOD FIBER - UNSPECIFIED

ID:

%: 86.0000 - 92.0000 GS: UNK RC: PreC NANO: NO ROLE: Main filler

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: See material notes

UREA FORMALDEHYDE

ID: 9011-05-6

%: 7.0000 - 12.0000 GS: LT-UNK RC: None NANO: NO ROLE: Binder

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: UF resin

SLACK WAX (PETROLEUM)

ID: 64742-61-6

%: 1.3000 - 1.4000 GS: LT-1 RC: None NANO: NO ROLE: Hydrophobic agent

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER	EU - R-phrases	R45 - May cause cancer
CANCER	EU - GHS (H-Statements)	H350 - May cause cancer
CANCER	EU - REACH Annex XVII CMRs	Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man
MULTIPLE	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
CANCER	EU - Annex VI CMRs	Carcinogen Category 1B - Presumed Carcinogen based on animal evidence

SUBSTANCE NOTES: Paraffin wax

UREA

ID: 57-13-6

%: 0.5000 - 1.4000 GS: LT-UNK RC: None NANO: NO ROLE: Reagent

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

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Formaldehyde scavenger

AMMONIUM CHLORIDE

ID: 12125-02-9

%: 0.2000 - 0.4000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Reagent

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

MAMMALIAN

EU - R-phrases

R22 - Harmful if Swallowed

EYE IRRITATION

EU - R-phrases

R36 - Irritating to eyes

EYE IRRITATION

EU - GHS (H-Statements)

H319 - Causes serious eye irritation

SUBSTANCE NOTES: Resin hardener

FORMALDEHYDE

ID: 50-00-0

%: Impurity/Residual

GS: LT-1

RC: None

NANO: NO

ROLE: Impurity/Residual

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

MAMMALIAN

EU - R-phrases

R23 - Toxic by Inhalation (gas, vapour, dust/mist)

MAMMALIAN

EU - R-phrases

R24 - Toxic in Contact with Skin

MAMMALIAN

EU - R-phrases

R25 - Toxic if Swallowed

SKIN IRRITATION

EU - R-phrases

R34 - Causes burns

CANCER

EU - R-phrases

R40 - Limited Evidence of Carcinogenic Effects

SKIN SENSITIZE

EU - R-phrases

R43 - May cause sensitization by skin contact

RESPIRATORY

AOEC - Asthmagens

Asthmagen (G) - generally accepted

CANCER

US EPA - IRIS Carcinogens

(1986) Group B1 - Probable human Carcinogen

CANCER

IARC

Group 1 - Agent is Carcinogenic to humans

CANCER

CA EPA - Prop 65

Carcinogen

CANCER

US CDC - Occupational Carcinogens

Occupational Carcinogen

CANCER

US NIH - Report on Carcinogens

Known to be a human Carcinogen

MAMMALIAN

EU - GHS (H-Statements)

H301 - Toxic if swallowed

MAMMALIAN

EU - GHS (H-Statements)

H311 - Toxic in contact with skin

SKIN IRRITATION	EU - GHS (H-Statements)	H314 - Causes severe skin burns and eye damage
SKIN IRRITATION	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
MAMMALIAN	EU - GHS (H-Statements)	H331 - Toxic if inhaled
GENE MUTATION	EU - GHS (H-Statements)	H341 - Suspected of causing genetic defects
CANCER	EU - GHS (H-Statements)	H350 - May cause cancer
MULTIPLE	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
CANCER	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization
CANCER	EU - Annex VI CMRs	Carcinogen Category 1B - Presumed Carcinogen based on animal evidence
SUBSTANCE NOTES: From UF resin		

ADHESIVES

%: 1.9100 - 2.9000 HPD URL:

Inventory Threshold: 1000 ppm Residuals Considered: Yes

Material Notes: Polyvinyl Acetate emulsions

POLYVINYL ACETATE (PVA)

ID: 9003-20-7

%: 100.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Adhesive

HAZARDS:

None Found

AGENCY(IES) WITH WARNINGS:

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Approximation for PVAc emulsion based adhesives. Three type of PVAc glues have been grouped under this term, including: precatalyzed crosslinkable PVAc adhesive system.

WHITE PRIMER

%: 1.4500 - 1.8400 HPD URL:

Inventory Threshold: 1000 ppm Residuals Considered: Yes

Material Notes: Used with solvent

WATER

ID: 7732-18-5

%: 25.0000 - 50.0000

GS: BM-4

RC: None

NANO: NO

ROLE: Solvent

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: See material notes

LIMESTONE; CALCIUM CARBONATE

ID: 1317-65-3

%: 10.0000 - 25.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: White primer:
component #1

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: See material notes

TALC

ID: 14807-96-6

%: 10.0000 - 25.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: White primer:
component #2

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER

MAK

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

SUBSTANCE NOTES: See material notes

TITANIUM DIOXIDE

ID: 13463-67-7

%: 10.0000 - 25.0000

GS: LT-1

RC: None

NANO: NO

ROLE: White primer:
component #3

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER

US CDC - Occupational Carcinogens

Occupational Carcinogen

CANCER

CA EPA - Prop 65

Carcinogen (form-specific or based on limited exposure pathways)

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: See material notes

KAOLIN CLAY

ID: 1332-58-7

%: 5.0000 - 10.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: White primer:
component #4

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER

MAK

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

SUBSTANCE NOTES: See material notes

2-PROPENOIC ACID, METHYL ESTER, HOMOPOLYMER

ID: 9003-21-8

%: 5.0000 - 10.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: White primer:
component #5

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Approximation for Acrylic resin

ETHYLENE GLYCOL MONOBUTYL ETHER (EGBE)

ID: 111-76-2

%: 2.0000 - 8.0000

GS: LT-P1

RC: None

NANO: NO

ROLE: Solvent

HAZARDS:

AGENCY(IES) WITH WARNINGS:

MAMMALIAN

EU - R-phrases

R20 - Harmful by Inhalation (gas or vapor or dust/mist)

MAMMALIAN

EU - R-phrases

R21 - Harmful in Contact with Skin

MAMMALIAN

EU - R-phrases

R22 - Harmful if Swallowed

EYE IRRITATION

EU - R-phrases

R36 - Irritating to eyes

SKIN IRRITATION

EU - R-phrases

R38 - Irritating to skin

SKIN IRRITATION

EU - GHS (H-Statements)

H315 - Causes skin irritation

EYE IRRITATION

EU - GHS (H-Statements)

H319 - Causes serious eye irritation

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

CANCER

MAK

Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels

SUBSTANCE NOTES: See material notes



Section 3: Certifications and Compliance

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



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.



Section 5: General Notes

Millette doors' products do not contain impurities. Products have been screened at a 1,000 ppm level so that all potential residuals that could have existed in raw materials (wood, adhesives, wood panels and finishes), at that level, have been disclosed.



MANUFACTURER INFORMATION

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

LT-1 List Translator Likely Benchmark 1

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

LT-UNK List Translator Benchmark Unknown (insufficient
information from List Translator lists to benchmark)

BM-U Benchmark Unspecified (insufficient data to benchmark)

UNK 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

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 final 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 verifier are solely responsible for the accuracy of statements and claims made in this HPD and for compliance with the HPD Open Standard noted.