

D-BLAZE FIRE RETARDANT PRESSURE TREATED WOOD® by Viance LLC.

Health Product Declaration v2.0

created via: HPDC Online Builder

CLASSIFICATION: 06 10 00 ROUGH CARPENTRY

PRODUCT DESCRIPTION: D-BLAZE IS A FIRE RETARDANT WATER-BORNE SOLUTION THAT IS PRESSURE IMPREGNATED BY WOOD PRESERVING FACILITIES INTO WOOD PRODUCTS TO HELP CONTAIN THE SPREAD OF SMOKE AND FIRE, INCREASING THE TIME THAT PEOPLE HAVE TO EVACUATE AND MOVE TO SAFETY.

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
- 0 of 1 materials
 - see Section 2: Material Notes
 - see Section 5: General Notes

Based on the selected Content Inventory Threshold:

Characterized.....	<input type="radio"/>	<input checked="" 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 type="radio"/>	<input checked="" 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.

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

D-BLAZE FIRE RETARDANT PRESSURE TREATED WOOD [WOOD NoGS BORIC ACID LT-1 |
REP | DEV | MUL PHOSPHORUS PENTOXIDE LT-P1 | SKI]

Number of Greenscreen BM-4/BM3 contents..... 0
Contents highest concern GreenScreen Benchmark or List translator Score..... LT-1
Nanomaterial..... No

INVENTORY AND SCREENING NOTES:

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

Material (g/l): 0 Regulatory (g/l): .00000022

Does the product contain exempt VOCs: No

Are ultra-low VOC tints available: No

CERTIFICATIONS AND COMPLIANCE

VOC emissions: Green Guard Gold D-BLAZE FIRE RETARDANT PRESSURE TREATED WOOD

See Section 3 for additional listings.

<input checked="" type="radio"/> Self-Published*	VERIFIER:	SCREENING DATE: May 8, 2017	EXPIRY DATE*: May 8, 2020
<input type="radio"/> Third Party Verified	VERIFICATION #:	RELEASE DATE: May 8, 2017	* 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.

D-BLAZE FIRE RETARDANT PRESSURE TREATED WOOD

%: 100.0000 - 100.0000

HPD URL:

Inventory Threshold: 100 ppm

Residuals Considered: No

Material Notes: D-Blaze is a fire retardant water-borne solution that is pressure impregnated by wood preserving facilities into wood products to help contain the spread of smoke and fire, increasing the time that people have to evacuate and move to safety.

WOOD

ID:

%: 90.0000 - 98.9800

GS: NoGS

RC: UNK

NANO: NO

ROLE:

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Untreated wood can be source from a myriad of different mills/sources.

BORIC ACID

ID: 11113-50-1

%: 0.0100 - 5.0000

GS: LT-1

RC: UNK

NANO: NO

ROLE: Fire retardant

HAZARDS:

AGENCY(IES) WITH WARNINGS:

REPRODUCTIVE

EU - R-phrases

R60 - May impair fertility

DEVELOPMENTAL

EU - R-phrases

R61 - May cause harm to the unborn child

REPRODUCTIVE

EU - SVHC Authorisation List

Toxic to reproduction - Candidate list

REPRODUCTIVE

EU - GHS (H-Statements)

H360FD - May damage fertility. May damage the unborn child

MULTIPLE

ChemSec - SIN List

CMR - Carcinogen, Mutagen &/or Reproductive Toxicant

REPRODUCTIVE

EU - Annex VI CMRs

Reproductive Toxicity - Category 1B

SUBSTANCE NOTES: Fire retardant

PHOSPHORUS PENTOXIDE

ID: 1314-56-3

%: 0.0100 - 5.0000

GS: LT-P1

RC: UNK

NANO: NO

ROLE: Fire retardant

HAZARDS:

AGENCY(IES) WITH WARNINGS:

SKIN IRRITATION

EU - R-phrases

R35 - Causes severe burns

SKIN IRRITATION

EU - GHS (H-Statements)

H314 - Causes severe skin burns and eye damage

SUBSTANCE NOTES: Fire retardant



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

CERTIFYING PARTY: Third Party

APPLICABLE FACILITIES: All

CERTIFICATE URL: <http://treatedwood.com/uploads/GreenGuard-Gold.pdf>

CERTIFICATION AND COMPLIANCE NOTES: Certificate number = 81162-420

Green Guard Gold D-BLAZE FIRE RETARDANT PRESSURE TREATED WOOD

ISSUE DATE:

2016-06-10

EXPIRY DATE:

2017-06-10

CERTIFIER OR LAB: UL

Environment



Section 4: Accessories

This section lists related products or materials that the manufacturer requires or recommends for installation (such as adhesives or fasteners), maintenance, cleaning, or operations. For information relating to the contents of these related products, refer to their applicable Health Product Declarations, if available.



Section 5: General Notes

D-Blaze is a fire retardant wood treatment that is impregnated into framing lumber and plywood products by pressure process to reduce combustibility and smoke development, and is suitable for fire rated wall assemblies and interior applications where fire retardant construction materials are specified or required by building codes. D-Blaze® Fire Retardant Treated Wood (FRTW) is covered by a 50-year limited warranty, and is now GREENGUARD Gold certified for low chemical emissions. Highly effective in controlling the spread of flame and the smoke development caused by fire, D-Blaze FRTW shows no evidence of significant progressive combustion after 30 minutes exposure to flame. D-Blaze is UL® Classified with an FR-S rating for many wood species, for its low smoke development and low flame spread indexes. D-Blaze FRTW has been installed in many notable projects including the new One World Trade Center in NYC, the Sears Tower and Navy Pier in Chicago, and offers a lower in-place cost than many non-combustible materials.



MANUFACTURER INFORMATION

MANUFACTURER: Viance LLC.

CONTACT NAME: Chris Kollwitz

ADDRESS: 8001 IBM Drive
Charlotte, North Carolina 28262
USA

TITLE: Product Manager

PHONE: 800-650-9323

WEBSITE: <http://treatedwood.com/>

EMAIL: ckollwitz@viance.net

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.