

CLASSIFICATION: 09650

PRODUCT DESCRIPTION: NORAPLAN STANDARD RANGE OF RUBBER FLOOR COVERINGS - A BROAD RANGE OF DESIGNS AND COLORS AVAILABLE IN SHEET AND TILE IN 2MM AND 3MM THICKNESSES

Section 1: Summary

Basic 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

- Considered
- Partially Considered
- Not Considered

Explanation(s) provided for Residuals/Impurities?

- Yes No

All Substances Above the Threshold Indicated Are:

Characterized Yes Ex/SC Yes No
% weight and role provided for all substances.

Screened Yes Ex/SC Yes No
All substances screened using Priority Hazard Lists with results disclosed.

Identified Yes Ex/SC Yes No
One or more substances not disclosed by Name (Specific or Generic) and Identifier and/ or one or more Special Condition did not follow guidance.

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**

**NORAPLAN STANDARD | SILICEOUS EARTH NoGS | STYRENE BUTADIENE RUBBER (SBR) LT-UNK | NATURAL RUBBER LATEX LT-UNK | RES
TITANIUM DIOXIDE LT-1 | CAN | END FERRIC OXIDE BM-2 | CAN SILICA, AMORPHOUS LT-P1 | CAN UNDISCLOSED NoGS UNDISCLOSED BM-1 | RES | AQU | MUL UNDISCLOSED LT-UNK | SKI UNDISCLOSED LT-P1 | SKI | EYE | MAM | END UNDISCLOSED LT-P1 | RES | END UNDISCLOSED NoGS UNDISCLOSED LT-P1 | MUL UNDISCLOSED LT-P1 | END UNDISCLOSED LT-P1 | AQU | SKI | MUL | REP UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK UNDISCLOSED LT-P1 | MUL UNDISCLOSED LT-UNK CARBON BLACK LT-1 | CAN]**

Number of Greenscreen BM-4/BM3 contents ... 0

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

INVENTORY AND SCREENING NOTES:

Percentage (%) ranges used as a means of keeping exact formulation proprietary.

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
Multi-attribute: Blue Angel
Multi-attribute: Environmental Product Declaration

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2018-11-02

PUBLISHED DATE: 2018-11-06

EXPIRY DATE: 2021-11-02



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

NORAPLAN STANDARD

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: There are no known residuals/impurities.

OTHER PRODUCT NOTES: None

SILICEOUS EARTH

ID: 1020665-14-8

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2018-11-02

?: 40.00 - 55.00

GS: NoGS

RC: None

NANO: No

ROLE: mineral filler

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: According to Regulation (EC) 1272/2008/67/548/EEC no hazard classifications are required.

STYRENE BUTADIENE RUBBER (SBR)

ID: 9003-55-8

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2018-11-02

?: 15.00 - 20.00

GS: LT-UNK

RC: None

NANO: No

ROLE: polymer

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: None

NATURAL RUBBER LATEX

ID: 9006-04-6

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2018-11-02

?: 8.00 - 11.00

GS: LT-UNK

RC: None

NANO: No

ROLE: polymer

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RESPIRATORY	MAK	Sensitizing Substance Sah - Danger of airway & skin sensitization

SUBSTANCE NOTES: Hazards apply to initial substance; end product is a stable, solid, vulcanized rubber flooring with no evidence of any negative ecological or human health impacts.

TITANIUM DIOXIDE

ID: 13463-67-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2018-11-02**

#: **3.00 - 6.00** GS: **LT-1** RC: **None** NANO: **No** ROLE: **pigment**

HAZARD TYPE	AGENCY AND LIST TITLES	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
CANCER	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels

SUBSTANCE NOTES: Hazards apply to initial substance; end product is a stable, solid, vulcanized rubber flooring with no evidence of any negative ecological or human health impacts.

FERRIC OXIDE

ID: 1309-37-1

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2018-11-02**

#: **3.00 - 5.00** GS: **BM-2** RC: **None** NANO: **No** ROLE: **pigment**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: Hazards apply to initial substance; end product is a stable, solid, vulcanized rubber flooring with no evidence of any negative ecological or human health impacts.

SILICA, AMORPHOUS

ID: 7631-86-9

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2018-11-02**

#: **2.00 - 5.00** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **mineral filler**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	Japan - GHS	Carcinogenicity - Category 1A
CANCER	Australia - GHS	H350i - May cause cancer by inhalation

SUBSTANCE NOTES: Hazards apply to initial substance; end product is a stable, solid, vulcanized rubber flooring with no evidence of any negative ecological or human health impacts.

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2018-11-02**

#: **1.00 - 2.00** GS: **NoGS** RC: **None** NANO: **No** ROLE: **processing aid**

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

SUBSTANCE NOTES: **None**

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2018-11-02**

#: **0.50 - 1.50** GS: **BM-1** RC: **None** NANO: **No** ROLE: **processing aid**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
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
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

SUBSTANCE NOTES: Hazards apply to initial substance; end product is a stable, solid, vulcanized rubber flooring with no evidence of any negative ecological or human health impacts.

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2018-11-02**

#: **0.50 - 1.20** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **processing aid**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation

SUBSTANCE NOTES: Hazards apply to initial substance; end product is a stable, solid, vulcanized rubber flooring with no evidence of any negative ecological or human health impacts.

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2018-11-02**

#: **0.50 - 1.00** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **processing aid**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation
EYE IRRITATION	EU - GHS (H-Statements)	H318 - Causes serious eye damage
ORGAN TOXICANT	EU - GHS (H-Statements)	H372 - Causes damage to organs through prolonged or repeated exposure
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor

SUBSTANCE NOTES: Hazards apply to initial substance; end product is a stable, solid, vulcanized rubber flooring with no evidence of any negative ecological or human health impacts.

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2018-11-02**

#: **0.30 - 0.60** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **processing aid**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor

SUBSTANCE NOTES: Hazards apply to initial substance; end product is a stable, solid, vulcanized rubber flooring with no evidence of any negative ecological or human health impacts.

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2018-11-02**

#: **0.30 - 0.60** GS: **NoGS** RC: **None** NANO: **No** ROLE: **processing aid**

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

SUBSTANCE NOTES: **None**

UNDISCLOSED

#: **0.30 - 0.50** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **processing aid**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SUBSTANCE NOTES: Hazards apply to initial substance; end product is a stable, solid, vulcanized rubber flooring with no evidence of any negative ecological or human health impacts.

UNDISCLOSED

#: **0.20 - 0.50** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **processing aid**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

SUBSTANCE NOTES: Hazards apply to initial substance; end product is a stable, solid, vulcanized rubber flooring with no evidence of any negative ecological or human health impacts.

UNDISCLOSED

#: **0.20 - 0.40** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **processing aid**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

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

SKIN SENSITIZE

EU - GHS (H-Statements)

H317 - May cause an allergic skin reaction

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SKIN SENSITIZE

MAK

Sensitizing Substance Sh - Danger of skin sensitization

REPRODUCTIVE

Japan - GHS

Toxic to reproduction - Category 1B

SUBSTANCE NOTES: Hazards apply to initial substance; end product is a stable, solid, vulcanized rubber flooring with no evidence of any negative ecological or human health impacts.

UNDISCLOSED

#: **0.10 - 0.50** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **processing aid**

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **None**

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2018-11-02**

#: **0.10 - 0.30** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **processing aid**

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **None**

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2018-11-02**

#: **0.10 - 0.30** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **processing aid**

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **None**

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2018-11-02**

#: **0.10 - 0.30** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **processing aid**

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

MULTIPLE German FEA - Substances Hazardous to Waters Class 2 - Hazard to Waters

SUBSTANCE NOTES: **Hazards apply to initial substance; end product is a stable, solid, vulcanized rubber flooring with no evidence of any negative ecological or human health impacts.**

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2018-11-02**

#: **0.10 - 0.20** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **processing aid**

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

SUBSTANCE NOTES: None

CARBON BLACK

ID: 1333-86-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2018-11-02**

#: **0.00 - 0.01**

GS: **LT-1**

RC: **None**

NANO: **No**

ROLE: **pigment**

HAZARD TYPE	AGENCY AND LIST TITLES	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: Hazards apply to initial substance; end product is a stable, solid, vulcanized rubber flooring with no evidence of any negative ecological or human health impacts.

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

CERTIFYING PARTY: Third Party

APPLICABLE FACILITIES: All

CERTIFICATE URL:

<https://spot.ulprospector.com/en/na/BuiltEnvironment/search?k=nora&st=1&s=BookName%7CA>

ISSUE DATE:

2006-06-23

EXPIRY DATE:

2018-06-16

CERTIFIER OR LAB: UL

Environment

CERTIFICATION AND COMPLIANCE NOTES: Greenguard Gold is in compliance with California Department of Public Health (CDPH) Standard Method v1.1-2010.

MULTI-ATTRIBUTE

Blue Angel

CERTIFYING PARTY: Third Party

APPLICABLE FACILITIES: All

CERTIFICATE URL: <https://www.blauer-engel.de/en/products/construction/elastische-bodenbelaege/noraplan-913-designvarianten-stone-sentica-classic>

ISSUE DATE: 2017-02-07

EXPIRY DATE: 2020-02-06

CERTIFIER OR LAB: RAL gGBH

CERTIFICATION AND COMPLIANCE NOTES: Ecolabel (RAL-UZ 120). The Blue Angel (Blauer Engel) is a German certification for products and services that have environmentally friendly aspects. The Blue Angel guarantees that a product or service meets high standards when it comes to its environmental, health and performance characteristics. In the process, products and services are always evaluated across their entire life cycle. Criteria are developed for each individual product group that must be fulfilled by those products and services awarded with the Blue Angel. <https://www.blauer-engel.de/en/blue-angel/what-is-behind-it>

MULTI-ATTRIBUTE

Environmental Product Declaration

CERTIFYING PARTY: Third Party

APPLICABLE FACILITIES: All

CERTIFICATE URL:

https://spot.ulprospector.com/en/na/BuiltEnvironment/Benefits/26065/Environmental-Product-Declaration/search?k=nora&s=BookName|A&st=1&so=k_0&sl=47621044

ISSUE

DATE:

2013-11-12

EXPIRY

DATE:

2018-11-11

CERTIFIER OR LAB:

UL

Environment

CERTIFICATION AND COMPLIANCE NOTES: An Environmental Product Declaration (EPD) is a comprehensive, internationally-harmonized report that documents the ways in which a product, throughout its lifecycle, affects the environment. An EPD tells the lifecycle story of a product in a single, written report, focusing on information about a product's environmental impact, such as global warming, ozone depletion, water pollution, ozone creation, and greenhouse gas emissions. This declaration is in accordance with ISO 14025.

<http://industries.ul.com/environment/certificationvalidation-marks/environmental-product-declarations>

Section 4: Accessories

This section lists related products or materials that the manufacturer requires or recommends for installation (such as adhesives or

NORA AC 100

HPD URL: <https://www.nora.com/united-states/en/products/flooring-accessories-us/nora-ac-100>

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

nora AC 100 is a solvent-free, easy-to-use water-based acrylic adhesive that is used during floor installation.

NORA DRYFIX

HPD URL: <http://www.nora.com/us/products/rubber-flooring-accessories/nora-adhesives/nora-dryfix/>

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

nora Dryfix is a quick, easy, environmentally-friendly flooring-installation-tape system. nora dryfix allows business to continue as usual while flooring is being installed, resulting in significant operational savings.

Section 5: General Notes

All ingredients marked "undisclosed" are being kept confidential to protect any all related trade secrets.



MANUFACTURER INFORMATION

MANUFACTURER: **Interface**
 ADDRESS: **9 Northeastern Boulevard**
Salem NH 03079, USA
 WEBSITE: **www.nora.com/us**

CONTACT NAME: **Carol Fudge**
 TITLE: **Marketing Research Specialist, LEED-AP**
 PHONE: **603-894-1021**
 EMAIL: **carol.d.fudge@nora.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 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.