

**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: 2019-08-06

PUBLISHED DATE: 2019-08-06

EXPIRY DATE: 2022-08-06



## 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 2.1.1, available on the HPDC website at: [www.hpd-collaborative.org/hpd-2-1-1-standard](http://www.hpd-collaborative.org/hpd-2-1-1-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: 2019-08-06

#: 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: 2019-08-06

#: 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: 2019-08-06

#: 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: **2019-08-06**

#: **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: **2019-08-06**

#: **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: **2019-08-06**

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

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	GHS - Japan	Carcinogenicity - Category 1A
CANCER	GHS - Australia	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: **2019-08-06**

#: **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: **2019-08-06**

#: **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: **2019-08-06**

#: **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: **2019-08-06**

#: **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: **2019-08-06**

#: **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: **2019-08-06**

#: **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**

GHS - Japan

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: **2019-08-06**

#: **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: **2019-08-06**

#: **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: **2019-08-06**

#: **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: **2019-08-06**

#: **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: **2019-08-06**

#: **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**

ISSUE DATE: **2006-**

EXPIRY DATE: **2020-**

CERTIFIER OR LAB: **UL**

APPLICABLE FACILITIES: **All**

**06-23**

**06-16**

**Environment**

CERTIFICATE URL: <https://spot.ul.com/>

CERTIFICATION AND COMPLIANCE NOTES: **None**

### MULTI-ATTRIBUTE

#### Blue Angel

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2017-**

EXPIRY DATE: **2020-**

CERTIFIER OR LAB: **RAL gGMBH**

APPLICABLE FACILITIES: **All**

**02-07**

**02-06**

CERTIFICATE URL: <https://www.blauer-engel.de>

CERTIFICATION AND COMPLIANCE NOTES: **None**

### MULTI-ATTRIBUTE

#### Environmental Product Declaration

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2016-**

EXPIRY DATE: **2021-**

CERTIFIER OR LAB: **UL**

APPLICABLE FACILITIES: **All**

**04-18**

**04-17**

**Environment**

CERTIFICATE URL: <https://spot.ul.com/>

CERTIFICATION AND COMPLIANCE NOTES: **None**

## 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.*

### 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: **Sustainability Specialist**

PHONE: **603-560-8941**

EMAIL: **sustainability@interface.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.*