**Product Description:** Integra HP® is Mannington Commercial’s high performance integrated broadloom backing system with pre-consumer recycled content. Integra HP® provides an impermeable moisture barrier, eliminates wick-back staining and can be chemically welded for an aseptic barrier. Resists delamination, edge ravel, moisture penetration, pilling and fuzzing, and withstands wet cleanings. Integra HP® has a limited lifetime wear warranty and lifetime non-prorated backing warranty. Certified NSF/ANSI-140 Gold.

### Section 1: Summary

**CONTENT INVENTORY**

<table>
<thead>
<tr>
<th>Inventory Reporting Format</th>
<th>Threshold Disclosed Per</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nested Materials Method</td>
<td>Material</td>
</tr>
<tr>
<td>Basic Method</td>
<td>Product</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Threshold level</th>
<th>Residuals/Impurities</th>
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</thead>
<tbody>
<tr>
<td>100 ppm</td>
<td>Considered</td>
</tr>
<tr>
<td>1,000 ppm</td>
<td>Considered</td>
</tr>
<tr>
<td>Per GHS SDS</td>
<td>Considered</td>
</tr>
<tr>
<td>Per OSHA MSDS</td>
<td>Considered</td>
</tr>
<tr>
<td>Other</td>
<td>Considered</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Are All Substances Above the Threshold Indicated:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Characterized: Yes</td>
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<table>
<thead>
<tr>
<th>Percent Weight and Role Provided?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Screened: Yes</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Using Priority Hazard Lists with Results Disclosed?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Identified: Yes</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Name and Identifier Provided?</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
</tr>
</tbody>
</table>

### 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
--- | --- | --- | --- | ---
NYLON 6,6 (POLY(HEXANO-6-LACTAM)) | LT-UNK | NYLON 6,6 (POLY(IMINO(1,6-DIOXO-1,6-HEXANEDIYL)IMINO-1,6-HEXANEDIYL)) | LT-UNK | POLY(VINYL CHLORIDE-CO-METHYL ACRYLATE) | LT-UNK | ALUMINA TRIHYDRATE | BM-2 | RES | BIS(2-ETHYLHEXYL) TEREPHTHALATE | BM-3 | VINYL CHLORIDE-VINYL ACETATE COPOLYMERS | LT-UNK | SOLID / PLATE GLASS | GLASS/FIBERGLASS | LT-UNK | POLYETHYLENE TEREPTHALATE (PET) | LT-UNK | ZINC BORATE (FIREBRAKE ZB) | NoGS | POLYPROPYLENE LT-UNK | 1,2- CYCLOHEXANE CARBOXYLIC ACID, 1-BUTYL 2-(PHENYL METHYL) ESTER | NoGS | POLYPOLYETHYLENE LT-UNK | POL(OXY-1,2-ETHANEDIYL), ALPHA-(3-CARBOXY-1-OXOPROPYL),ALPHA-(3-CARBOXY-1-OXOPROPYL)-OMEGA-(PENTADECYLOXY)- | NoGS | POLYOXY(1,2-ETHANEDIYL), ALPHA-(3-CARBOXY-1-OXOPROPYL)-OMEGA-(TRIDECYLOXY)- | NoGS | DISTILLATES (PETROLEUM), HYDROTREATED LIGHT PARAFFINIC LT-1 | CAN | MUL | 2-ETHYLHEXYL METHYL TEREPTHALATE | NoGS | TITANIUM DIOXIDE LT-1 | CAN | END | ANATASE TITANIUM DIOXIDE LT-1 | CAN | PHOSPHINIC ACID, MANGANESE(2++) SALT (2:1) | LT-UNK | CASTOR OIL, ETHOXYLATED, DIOLEATE, MINIMUM NUMBER AVERAGE MOLECULAR WEIGHT (IN AMU), 1250 | LT-UNK | POTASSIUM HYDROXIDE LT-P1 | SKI | POLY(OXY-1,2-ETHANEDIYL), ALPHA-METHYL-OMEGA-(2-PROPEN-1-YL-OXY)- | LT-UNK | BUTANEDIOIC ACID, 2-(OCTEN-1-YL)-, POTASSIUM SALT (1:2) | NoGS | FATTY ACIDS, TALL-OIL, ETHOXYLATED PROPOXylATED LT-UNK | SILICONES AND SILICONES, DI-ME, 3-HYDROXYPROPYL ME, ETHERS WITH POLYETHYLENE GLYCOL MONO-ME ETHER LT-P1 | COCONUT OIL | NoGS | CALCIUM HYDROXIDE LT-P1 | CAN |

#### 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: CRI Green Label Plus - Carpets
  - Multi-attribute: NSF/ANSI 140-2015 - Gold
Pre-checked for LEED v4 Material Ingredients, Option 1

Third Party Verified?
- Yes
- No

PREPARER: Self-Prepared

SCREENING DATE: 2018-06-27
PUBLISHED DATE: 2018-06-27
EXPIRY DATE: 2021-06-27
### 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](http://www.hpd-collaborative.org/hpd-2-1-standard)

#### INTEGRA HP® BROADLOOM CARPET

**PRODUCT THRESHOLD:** 1000 ppm

**RESIDUALS AND IMPURITIES CONSIDERED:** Yes

**RESIDUALS AND IMPURITIES NOTES:** Residuals and impurities were considered and those that fall above threshold are included.

**OTHER PRODUCT NOTES:** A range is given for the substances due to variances in face weight and to protect the proprietary nature of the formulation.

<table>
<thead>
<tr>
<th>NYLON 6 (POLY[(HEXANO-6-LACTAM)]</th>
<th>ID: 25038-54-4</th>
</tr>
</thead>
<tbody>
<tr>
<td>%: 25.0000 - 30.0000</td>
<td>GS: LT-UNK</td>
</tr>
<tr>
<td></td>
<td>RC: Both</td>
</tr>
<tr>
<td></td>
<td>NANO: No</td>
</tr>
<tr>
<td></td>
<td>ROLE: Face Fiber [ALT]</td>
</tr>
</tbody>
</table>

**HAZARDS:** None Found

**AGENCY(IES) WITH WARNINGS:** No warnings found on HPD Priority lists

**SUBSTANCE NOTES:** A range is given due to variances in face weight and to protect the proprietary nature of the formulation. Recycled content comes from manufacturing waste streams and post-consumer materials sent to the supplier.

<table>
<thead>
<tr>
<th>NYLON 6,6 (POLY[(IMINO(1,6-DIOXO-1,6-HEXANEDIYL)IMINO-1,6-HEXANEDIYL)]</th>
<th>ID: 32131-17-2</th>
</tr>
</thead>
<tbody>
<tr>
<td>%: 25.0000 - 30.0000</td>
<td>GS: LT-UNK</td>
</tr>
<tr>
<td></td>
<td>RC: None</td>
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<tr>
<td></td>
<td>NANO: No</td>
</tr>
<tr>
<td></td>
<td>ROLE: Face Fiber [ALT]</td>
</tr>
</tbody>
</table>

**HAZARDS:** None Found

**AGENCY(IES) WITH WARNINGS:** No warnings found on HPD Priority lists

**SUBSTANCE NOTES:** A range is given due to variances in face weight and to protect the proprietary nature of the formulation.

<table>
<thead>
<tr>
<th>POLY(VINYL CHLORIDE-CO-METHYL ACRYLATE)</th>
<th>ID: 25035-98-7</th>
</tr>
</thead>
<tbody>
<tr>
<td>%: 15.0000 - 20.0000</td>
<td>GS: LT-UNK</td>
</tr>
<tr>
<td></td>
<td>RC: None</td>
</tr>
<tr>
<td></td>
<td>NANO: No</td>
</tr>
<tr>
<td></td>
<td>ROLE: Secondary Backing</td>
</tr>
</tbody>
</table>

**HAZARDS:** None Found

**AGENCY(IES) WITH WARNINGS:** No warnings found on HPD Priority lists

**SUBSTANCE NOTES:** A range is given due to variances in face weight and to protect the proprietary nature of the formulation.
<table>
<thead>
<tr>
<th>Substance Name</th>
<th>ID</th>
<th>%:</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>ROLE</th>
<th>HAZARDS:</th>
<th>AGENCY(IES) WITH WARNINGS:</th>
<th>RESPIRATORY</th>
<th>Substance Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALUMINA TRIHYDRATE</td>
<td>21645-51-2</td>
<td>15.0000 - 20.0000</td>
<td>BM-2</td>
<td>None</td>
<td>No</td>
<td>Secondary</td>
<td>AOEC - Asthmagens -  Asthmagen (ARs) - sensitizer-induced - inhalable forms only</td>
<td>None Found</td>
<td>A range is given due to variances in face weight and to protect the proprietary nature of the formulation.</td>
<td></td>
</tr>
<tr>
<td>BIS(2-ETHYLHEXYL) TEREPTHALATE</td>
<td>6422-86-2</td>
<td>10.0000 - 15.0000</td>
<td>BM-3</td>
<td>None</td>
<td>No</td>
<td>Secondary</td>
<td>None Found</td>
<td>None Found</td>
<td>No warnings found on HPD Priority lists</td>
<td></td>
</tr>
<tr>
<td>VINYL CHLORIDE-VINYL ACETATE COPOLYMERS</td>
<td>9003-22-9</td>
<td>6.0000 - 8.0000</td>
<td>LT-UNK</td>
<td>None</td>
<td>No</td>
<td>Secondary</td>
<td>None Found</td>
<td>None Found</td>
<td>No warnings found on HPD Priority lists</td>
<td></td>
</tr>
<tr>
<td>SOLID / PLATE GLASS (GLASS/FIBERGLASS)</td>
<td>65997-17-3</td>
<td>6.0000 - 8.0000</td>
<td>LT-UNK</td>
<td>PostC</td>
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<td>Secondary</td>
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<td>None Found</td>
<td>No warnings found on HPD Priority lists</td>
<td></td>
</tr>
<tr>
<td>POLYETHYLENE TEREPTHALATE (PET)</td>
<td>25038-59-9</td>
<td>3.0000 - 6.0000</td>
<td>LT-UNK</td>
<td>Both</td>
<td>No</td>
<td>Primary</td>
<td>None Found</td>
<td>None Found</td>
<td>No warnings found on HPD Priority lists</td>
<td></td>
</tr>
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</table>
### ZINC BORATE (FIREBRAKE ZB)

<table>
<thead>
<tr>
<th>%</th>
<th>GS</th>
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<th>ROLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.0000 - 3.0000</td>
<td>NoGS</td>
<td>None</td>
<td>No</td>
<td>Secondary Backing</td>
</tr>
</tbody>
</table>

**HAZARDS:**
None Found

- **SUBSTANCE NOTES:** A range is given due to variances in face weight and to protect the proprietary nature of the formulation.

### POLYPROPYLENE

<table>
<thead>
<tr>
<th>%</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>ROLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.0000 - 3.0000</td>
<td>LT-UNK</td>
<td>None</td>
<td>No</td>
<td>Primary Backing</td>
</tr>
</tbody>
</table>

**HAZARDS:**
None Found

- **SUBSTANCE NOTES:** A range is given due to variances in face weight and to protect the proprietary nature of the formulation.

### 1,2- CYCLOHEXANEDICARBOXYLIC ACID, 1-BUTYL 2-(PHENYLMETHYL) ESTER

<table>
<thead>
<tr>
<th>%</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>ROLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.0000 - 3.0000</td>
<td>NoGS</td>
<td>None</td>
<td>No</td>
<td>Secondary Backing</td>
</tr>
</tbody>
</table>

**HAZARDS:**
None Found

- **SUBSTANCE NOTES:** A range is given due to variances in face weight and to protect the proprietary nature of the formulation.

### POLYETHYLENE

<table>
<thead>
<tr>
<th>%</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>ROLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.1000 - 1.0000</td>
<td>LT-UNK</td>
<td>None</td>
<td>No</td>
<td>Primary Backing</td>
</tr>
</tbody>
</table>

**HAZARDS:**
None Found

- **SUBSTANCE NOTES:** A range is given due to variances in face weight and to protect the proprietary nature of the formulation.

### POLY(OXY-1,2-ETHANEDIYL), ALPHA-(3-CARBOXY-1-OXOPROPYL)-OMEGA-(PENTADECYLOXY)-

<table>
<thead>
<tr>
<th>%</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>ROLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.1000 - 1.0000</td>
<td>NoGS</td>
<td>None</td>
<td>No</td>
<td>Secondary Backing</td>
</tr>
</tbody>
</table>

**HAZARDS:**
None Found

- **SUBSTANCE NOTES:** A range is given due to variances in face weight and to protect the proprietary nature of the formulation.
### POLY(OXY-1,2-ETHANEDIYL), ALPHA-(3-CARBOXY-1-OXOPROPYL)-OMEGA-(TRIDECYLOXY)-

**ID:** 124232-16-2  
**%:** 0.1000 - 1.0000  
**GS:** NoGS  
**RC:** None  
**NANO:** No  
**ROLE:** Secondary Backing

**HAZARDS:**

None Found  
No warnings found on HPD Priority lists

**SUBSTANCE NOTES:** A range is given due to variances in face weight and to protect the proprietary nature of the formulation.

### DISTILLATES (PETROLEUM), HYDROTREATED LIGHT PARAFFINIC

**ID:** 64742-55-8  
**%:** 0.1000 - 1.0000  
**GS:** LT-1  
**RC:** None  
**NANO:** No  
**ROLE:** Secondary Backing

**HAZARDS:**

- **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

- **CANCER**  
  EU - Annex VI CMRs  
  Carcinogen Category 1B - Presumed Carcinogen based on animal evidence

- **CANCER**  
  Australia - GHS  
  H350 - May cause cancer

**SUBSTANCE NOTES:** A range is given due to variances in face weight and to protect the proprietary nature of the formulation.

### 2-ETHYLHEXYL METHYL TEREPTHALATE

**ID:** 63468-13-3  
**%:** 0.1000 - 1.0000  
**GS:** NoGS  
**RC:** None  
**NANO:** No  
**ROLE:** Secondary Backing

**HAZARDS:**

None Found  
No warnings found on HPD Priority lists

**SUBSTANCE NOTES:** A range is given due to variances in face weight and to protect the proprietary nature of the formulation.

### TITANIUM DIOXIDE

**ID:** 13463-67-7  
**%:** 0.1000 - 1.0000  
**GS:** LT-1  
**RC:** None  
**NANO:** No  
**ROLE:** Face Fiber

**HAZARDS:**

**CANCER**  
US CDC - Occupational Carcinogens  
Occupational Carcinogen
<table>
<thead>
<tr>
<th>Substance</th>
<th>ID</th>
<th>%:</th>
<th>GS:</th>
<th>RC:</th>
<th>NANO:</th>
<th>ROLE:</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANATASE TITANIUM DIOXIDE</td>
<td>1317-70-0</td>
<td>0.1000 - 1.0000</td>
<td>LT-1</td>
<td>None</td>
<td>No</td>
<td>Face Fiber</td>
</tr>
<tr>
<td>PHOSPHINIC ACID, MANGANESE(2++) SALT (2:1)</td>
<td>10043-84-2</td>
<td>0.1000 - 1.0000</td>
<td>LT-UNK</td>
<td>None</td>
<td>No</td>
<td>Face Fiber</td>
</tr>
<tr>
<td>CASTOR OIL, ETHOXYLATED, DIOLEATE, MINIMUM NUMBER AVERAGE MOLECULAR WEIGHT (IN AMU), 1260</td>
<td>110531-96-9</td>
<td>0.1000 - 1.0000</td>
<td>LT-UNK</td>
<td>None</td>
<td>No</td>
<td>Face Fiber</td>
</tr>
<tr>
<td>POTASSIUM HYDROXIDE</td>
<td>1310-58-3</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**SUBSTANCE NOTES:** A range is given due to variances in face weight and to protect the proprietary nature of the formulation.
### Poly(oxy-1,2-ethanediyl), Alpha-Methyl-Omega-(2-propen-1-yloxy)\-

**ID:** 27252-80-8

<table>
<thead>
<tr>
<th>%: 0.1000 - 1.0000</th>
<th>GS: LT-UNK</th>
<th>RC: None</th>
<th>NANO: No</th>
<th>ROLE: Face Fiber</th>
</tr>
</thead>
</table>

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

None Found

**SUBSTANCE NOTES:** A range is given due to variances in face weight and to protect the proprietary nature of the formulation.

### Butanedioic Acid, 2-(Octen-1-yl)-, Potassium Salt (1:2)

**ID:** 58641-28-4

<table>
<thead>
<tr>
<th>%: 0.1000 - 1.0000</th>
<th>GS: NoGS</th>
<th>RC: None</th>
<th>NANO: No</th>
<th>ROLE: Face Fiber</th>
</tr>
</thead>
</table>

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

None Found

**SUBSTANCE NOTES:** A range is given due to variances in face weight and to protect the proprietary nature of the formulation.

### Fatty Acids, Tall-Oil, Ethoxylated Propanolated

**ID:** 67784-86-5

<table>
<thead>
<tr>
<th>%: 0.1000 - 1.0000</th>
<th>GS: LT-UNK</th>
<th>RC: None</th>
<th>NANO: No</th>
<th>ROLE: Face Fiber</th>
</tr>
</thead>
</table>

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

None Found

**SUBSTANCE NOTES:** A range is given due to variances in face weight and to protect the proprietary nature of the formulation.

### Siloxanes and Silicones, Di-Me, 3-Hydroxypropyl Me, Ethers with Polyethylene Glycol Mono-Me Ether

**ID:** 68938-54-5

<table>
<thead>
<tr>
<th>%: 0.10000 - 1.0000</th>
<th>GS: LT-P1</th>
<th>RC: None</th>
<th>NANO: No</th>
<th>ROLE: Face Fiber</th>
</tr>
</thead>
</table>

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

None Found

**SUBSTANCE NOTES:** A range is given due to variances in face weight and to protect the proprietary nature of the formulation.
### COCONUT OIL

**ID:** 8001-31-8  
**%:** 0.1000 - 0.2000  
**GS:** NoGS  
**RC:** None  
**NANO:** No  
**ROLE:** Face Fiber

**HAZARDS:**  
None Found  
**AGENCY(IES) WITH WARNINGS:**  
None Found  
**SUBSTANCE NOTES:** A range is given due to variances in face weight and to protect the proprietary nature of the formulation.

### CALCIUM HYDROXIDE

**ID:** 1305-62-0  
**%:** 0.1000 - 0.2000  
**GS:** LT-P1  
**RC:** None  
**NANO:** No  
**ROLE:** Secondary Backing

**HAZARDS:**  
None Found  
**AGENCY(IES) WITH WARNINGS:**  
None Found  
**SUBSTANCE NOTES:** A range is given due to variances in face weight and to protect the proprietary nature of the formulation.

### CARBON BLACK

**ID:** 1333-86-4  
**%:** 0.1000 - 0.2000  
**GS:** LT-1  
**RC:** None  
**NANO:** No  
**ROLE:** Face Fiber

**HAZARDS:**  
**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:** A range is given due to variances in face weight and to protect the proprietary nature of the formulation.
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.

<table>
<thead>
<tr>
<th>VOC EMISSIONS</th>
<th>CRI Green Label Plus - Carpets</th>
</tr>
</thead>
<tbody>
<tr>
<td>CERTIFYING PARTY:</td>
<td>Second Party</td>
</tr>
<tr>
<td>CERTIFIER OR LAB:</td>
<td>Carpet and Rug Institute</td>
</tr>
<tr>
<td>ISSUE DATE: 2004-06-07</td>
<td>EXPiry DATE: 2018-12-31</td>
</tr>
<tr>
<td>CERTIFICATION AND COMPLIANCE NOTES</td>
<td>GLP7616</td>
</tr>
<tr>
<td>APPLICABLE FACILITIES:</td>
<td>All</td>
</tr>
<tr>
<td>CERTIFICATE URL:</td>
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</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MULTI-ATTRIBUTE</th>
<th>NSF/ANSI 140-2015 - Gold</th>
</tr>
</thead>
<tbody>
<tr>
<td>CERTIFYING PARTY:</td>
<td>Third Party</td>
</tr>
<tr>
<td>CERTIFIER OR LAB:</td>
<td>SCS Global Services</td>
</tr>
<tr>
<td>ISSUE DATE: 2015-07-01</td>
<td>EXPiry DATE: 2021-06-30</td>
</tr>
<tr>
<td>CERTIFICATION AND COMPLIANCE NOTES</td>
<td>SCS-SCC-02795</td>
</tr>
<tr>
<td>APPLICABLE FACILITIES:</td>
<td>All</td>
</tr>
<tr>
<td>CERTIFICATE URL:</td>
<td></td>
</tr>
</tbody>
</table>

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.

INTEGRA 2 ADHESIVE                | HPD URL: No HPD Available

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:
Integra HP® is a Mannington Commercial’s high performance integrated backing systems for broadloom carpet. Mannington adheres to the Carpet and Rug Institute’s (CRI) Installation Standard which details minimum requirements for site conditions, floor preparation and installation. Mannington’s Installation Guide provides additional details specifically for carpet styles with Integra HP® backings. These details are necessary to help assure a successful installation with full warranty coverage. See the following web site for the complete installation instructions. Installation instructions and SDS documentation can be found at www.manningtoncommercial.com.

Section 5: General Notes

Residuals and impurities were considered for all raw materials and those that show up above the stated threshold were listed.
MANUFACTURER INFORMATION

MANUFACTURER: Mannington Mills
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Calhoun GA 30701, USA
WEBSITE: www.manningtoncommercial.com

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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
- 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.