

CLASSIFICATION: 09 60 00

PRODUCT DESCRIPTION: GALAXY RX IS IDEAL FOR HEALTHCARE, SENIOR LIVING, HOSPITALITY, AND EDUCATION APPLICATIONS. USING ECORE'S PATENTED ITSTRU TECHNOLOGY, GALAXY RX IS COMPRISED OF PREMIUM RUBBER SHEET FLOORING FUSION-BONDED TO A 5MM ECORE BACKING MADE OF 90% RECYCLED RUBBER. THE FINISHED PRODUCT IS TWO LAYERS OF RUBBER DESIGNED TO REDUCE THE SEVERITY OF PATIENT OR RESIDENT INJURIES WHILE MITIGATING LIABILITY FOR THE OWNERS OF FACILITIES. IT BRINGS COMFORT TO HEAVY COMMERCIAL APPLICATIONS THROUGH ENERGY ABSORPTION AND ENERGY RETURN, IMPROVED ERGONOMICS AND ACOUSTICAL BENEFITS.

Section 1: Summary

CONTENT INVENTORY

Threshold per material	Residuals and impurities considered in 3 of 3 materials	Based on the selected Content Inventory Threshold:	
<input checked="" type="radio"/> 100 ppm	<input checked="" type="radio"/> see Section 2:	Characterized.....	<input checked="" type="radio"/> Yes <input type="radio"/> No
<input type="radio"/> 1,000 ppm	<input type="radio"/> Material Notes	Are the Percent Weight and Role provided for all substances?	
<input type="radio"/> Per GHS SDS	<input type="radio"/> see Section 5:	Screened.....	<input type="radio"/> Yes <input checked="" type="radio"/> No
<input type="radio"/> Per OSHA MSDS	<input type="radio"/> General Notes	Are all substances screened using Priority Hazard Lists with results disclosed?	
<input type="radio"/> Other		Identified.....	<input checked="" type="radio"/> Yes <input type="radio"/> No
		Are all substances disclosed by Name (Specific or Generic) and Identifier?	

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-UNK
 Nanomaterial..... No

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

RUBBER BACKING [STYRENE BUTADIENE RUBBER (POST-CONSUMER) LT-UNK POLYURETHANE LT-UNK ETHYLENE/PROPYLENE/DIENE TERPOLYMER (EPDM) LT-UNK WATER BM-4] VIRGIN RUBBER WEAR LAYER [STYRENE BUTADIENE RUBBER (SBR) LT-UNK VARIOUS ADDITIVES UNK SILICA, AMORPHOUS LT-UNK KAOLIN CLAY LT-UNK | CAN] ADHESIVE [ETHYLENE VINYL ACETATE POLYMER (EVA) LT-UNK]

INVENTORY AND SCREENING NOTES:

Not all substances are screened using the Priority Hazard Lists (see Section 1) because the manufacturer of the virgin rubber wear layer did not disclose specifics on the Various Additives in their product. Due to this lack of information, we could not add a CAS Registry Number to be screened.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE

VOC emissions: California Department of Public Health CDPH/EHLB/Standard Method Version 1.1, 2010
 LCA: Environmental Product Declaration
 Recycled content: Recycled Content

See Section 3 for additional listings.

<input checked="" type="radio"/> Self-Published*	VERIFIER:	SCREENING DATE: September 1, 2016	EXPIRY DATE*: September 1, 2019
<input type="radio"/> Third Party Verified	VERIFICATION #:	RELEASE DATE: September 1, 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.

RUBBER BACKING

#: 60.0000 HPD URL:

Inventory Threshold: 100 ppm Residuals Considered: Yes

Material Notes: Rubber product backing

STYRENE BUTADIENE RUBBER (POST-CONSUMER)

ID: 9003-55-8

#: 79.0000

GS: LT-UNK

RC: PostC

NANO: NO

ROLE: Substrate/primary ingredient for Rubber Backing

HAZARDS:

None Found

AGENCY(IES) WITH WARNINGS:

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Main component in the backing of this product. Mixed with binder, water, and foamed EPDM to form product backing.

POLYURETHANE

ID: 64440-88-6

#: 10.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Binder

HAZARDS:

None Found

AGENCY(IES) WITH WARNINGS:

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Combined with foamed EPDM, water, and recycled rubber to form backing.

ETHYLENE/PROPYLENE/DIENE TERPOLYMER (EPDM)

ID: 25038-36-2

#: 10.0000

GS: LT-UNK

RC: PreC

NANO: NO

ROLE: Pliability

HAZARDS:

None Found

AGENCY(IES) WITH WARNINGS:

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Foamed EPDM. Combined with binder, water, and recycled rubber to form the product backing.

WATER

ID: 7732-18-5

%: 1.0000

GS: BM-4

RC: None

NANO: NO

ROLE: Catalyst that starts the polyurethane reaction

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Combined with binder, recycled rubber, and foamed EPDM to form product backing.

VIRGIN RUBBER WEAR LAYER %: 39.0000 **HPD URL:**

Inventory Threshold: 100 ppm Residuals Considered: Yes

Material Notes: Product wear layer

STYRENE BUTADIENE RUBBER (SBR)

ID: 9003-55-8

%: 40.7000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Base Polymer

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Combined with Synthetic Amorphous Silica, kaolin clay, and various additives to form wear layer.

VARIOUS ADDITIVES

ID:

%: 16.5000

GS: UNK

RC: UNK

NANO: NO

ROLE: Additives

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Various Additives not disclosed by the manufacturer. Combined with SBR, Synthetic Amorphous Silica, and kaolin clay to form wear layer.

SILICA, AMORPHOUS

ID: 7631-86-9

%: 0.0000 - 42.8000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Filler

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Combined with SBR, kaolin clay, and various additives to form wear layer.

KAOLIN CLAY

ID: 1332-58-7

%: 0.0000 - 42.8000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Filler

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER

MAK

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

SUBSTANCE NOTES: Combined with SBR, Synthetic Amorphous Silica, and various additives to form wear layer.

ADHESIVE

%: 1.0000

HPD URL:

Inventory Threshold: 100 ppm

Residuals Considered: Yes

Material Notes: Adhesive used for fusion bonding the virgin rubber wear layer to the rubber backing

ETHYLENE VINYL ACETATE POLYMER (EVA)

ID: 24937-78-8

%: 100.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Adhesive

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Used to fusion bond the rubber backing and the vinyl wear layer



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: Certificate available upon request
CERTIFICATION AND COMPLIANCE NOTES: Exposure scenarios were School Classroom and Private Office

California Department of Public Health CDPH/EHLB/Standard Method Version 1.1, 2010

ISSUE DATE: 2015-04-06
EXPIRY DATE: 0000-00-00
CERTIFIER OR LAB: Berkeley Analytical

LCA

CERTIFYING PARTY: Third Party
APPLICABLE FACILITIES: All
CERTIFICATE URL: https://www.scs-certified.com/products/cert_pdfs/SCS-EPD-04033_ECORE-Galaxy-rx_060616.pdf
CERTIFICATION AND COMPLIANCE NOTES: Product Category Rule (PCR) for preparing an Environmental Product Declaration (EPD) for Flooring: Carpet, Resilient, Laminate, Ceramic, Wood. NSF International. Version 2. 2014.

Environmental Product Declaration

ISSUE DATE: 2016-06-06
EXPIRY DATE: 2021-06-05
CERTIFIER OR LAB: SCS Global Services

RECYCLED CONTENT

CERTIFYING PARTY: Self-declared
APPLICABLE FACILITIES: All
CERTIFICATE URL: http://maxcdn.ecoreintl.com/marketing/rx/leed/LEEDv4_Galaxy%20rx.pdf
CERTIFICATION AND COMPLIANCE NOTES: Galaxy rx is composed of 60% post-consumer recycled content.

Recycled Content

ISSUE DATE: 2016-06-08
EXPIRY DATE: 0000-00-00
CERTIFIER OR LAB: Ecore



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.

E GRIP III

HPD URL: No HPD link provided

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: E-Grip III is a revolutionary zero-VOC adhesive that is used during flooring installation.

E CLEANER

HPD URL: No HPD link provided

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: This cleaner meets Green Seal™ GS-37 standard. This cleaner can be used for initial, daily, and restorative cleaning.

WELD ROD

HPD URL: No HPD link provided

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Weld Rod is used to during installation to seal the seams between rolls.



Section 5: General Notes

Not all substances are screened using the Priority Hazard Lists (see Section 1) because the manufacturer of the virgin rubber wear layer did not disclose specifics on the Various Additives in their product. Due to this lack of information, we could not add a CAS Registry Number to be screened.



MANUFACTURER INFORMATION

MANUFACTURER: Ecore International

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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.