

CLASSIFICATION: 09 60 13.00 Finishes: Acoustic Underlayment

PRODUCT DESCRIPTION: GenieMat™ RST is a flat, resilient, reduced sound transmission mat made from 94% recycled rubber content, used directly under hardsurface floor finishes and over concrete and wood construction. It is used when superior sound control is required in multi-family housing, high-rises, or commercial buildings and protects ceramic tile, porcelain and stone from substrate cracks. Engineered for direct adhered floor coverings such as tile, stone, wood, and vinyl floor coverings.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format

- Nested Materials Method
- Basic Method

Threshold level

- 100 ppm
- 1,000 ppm
- Per GHS SDS
- Per OSHA MSDS
- Other

Residuals/Impurities

- Considered
- Partially Considered
- Not Considered

All Substances Above the Threshold Indicated Are:

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

Threshold Disclosed Per

- Material
- Product

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

Explanation(s) provided for Residuals/Impurities?
 Yes No

Identified Yes Ex/SC Yes No
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.

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

GENIEMAT® RST [STYRENE BUTADIENE RUBBER (POST-CONSUMER)
LT-UNK POLYURETHANE LT-P1]

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

Contents highest concern GreenScreen Benchmark or List translator Score ... LT-P1
Nanomaterial ... No

INVENTORY AND SCREENING NOTES:
N/A

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: RFCI FloorScore
Multi-attribute: RFCI FloorScore

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients, Option 1 and Option 2

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2020-02-19

PUBLISHED DATE: 2020-05-14

EXPIRY DATE: 2023-02-19



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

GENIEMAT® RST

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES: No screening line residuals and impurities are present.

OTHER PRODUCT NOTES: N/A

STYRENE BUTADIENE RUBBER (POST-CONSUMER)

ID: 9003-55-8

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-02-19

#: 94.00

GS: LT-UNK

RC: PostC

NANO: No

ROLE: Main Component

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

POLYURETHANE

ID: 64440-88-6

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-02-19

#: 6.00

GS: LT-P1

RC: None

NANO: No

ROLE: Binder

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

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

RFCl FloorScore

CERTIFYING PARTY: **Third Party**

APPLICABLE FACILITIES: **All**

CERTIFICATE URL:

<http://pliteq.com/downloads/Pliteq%20FloorScore%20Certificate%201a.pdf>

ISSUE DATE:

2019-04-01

EXPIRY DATE:

2020-03-31

CERTIFIER OR LAB:

SCS Global Services for Resilient Floor Covering Institute (RFCl)

CERTIFICATION AND COMPLIANCE NOTES: **Report number 894-002-02A-Apr0717**

MULTI-ATTRIBUTE

RFCl FloorScore

CERTIFYING PARTY: **Third Party**

APPLICABLE FACILITIES: **All**

CERTIFICATE URL:

<http://pliteq.com/downloads/Pliteq%20FloorScore%20Certificate%201a.pdf>

ISSUE DATE:

2019-04-01

EXPIRY DATE:

2020-03-31

CERTIFIER OR LAB:

SCS Global Services for Resilient Floor Covering Institute (RFCl)

CERTIFICATION AND COMPLIANCE NOTES:

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.

GENIEMAT FAS-2 ADHESIVE (VOC 0.00 G/L)

HPD URL: **No HPD Available**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Recommended for installation under vinyl flooring or engineered wood flooring

Section 5: General Notes

GenieMat RST is a line of high-quality sound control underlayment manufactured in Ontario and Ohio by Pliteq Inc, a leading innovator in recycled products technology. GenieMat is made from up to 94% post-consumer recycled rubber content and has been tested in many different laboratory and field test assemblies. It has been proven to repeatedly perform as engineered to meet design requirements. The product and engineering support provided by Pliteq Inc guarantees that GenieMat will work as specified, every time. GenieMat RST product line are FloorScore® certified. It significantly improves Sound Transmission Class (STC) and Impact Insulation Class (IIC) ratings of floor-ceiling assemblies, providing superior acoustic isolation and increased occupant comfort. It minimizes the impact of site exterior noise on building facility occupants by isolating vibrations occurring from heliports,

generators, mechanical equipment, building services, etc. It can be used in retrofit projects to improve existing acoustic conditions.

MANUFACTURER INFORMATION

MANUFACTURER: **Pliteq Inc.**ADDRESS: **Pliteq Inc.****131 Royal Group Crescent****Woodbridge ON L4H 1X9, Canada**WEBSITE: **<http://pliteq.com/products/geniemat-rst.php>**CONTACT NAME: **Hamza Bakheet**TITLE: **Document Control Engineering**PHONE: **(416) 449-0049**EMAIL: **info@pliteq.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

