

HPD UNIQUE IDENTIFIER: 23756

CLASSIFICATION: 07 26 16 Below-Grade Vapor Retarders

PRODUCT DESCRIPTION: 10-mil Husky Yellow Guard Vapor Retarder (07 26 00, 03 30 00) is an under-slab vapor retarder engineered for low water vapor permeance and very high puncture resistance. It exceeds the industry standard, ASTM E1745 Class A, material specification and provides durable, long-lasting, moisture vapor protection.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Table with 4 columns: Inventory Reporting Format, Threshold level, Residuals/Impurities, and All Substances Above the Threshold Indicated Are: Characterized, % weight and role provided for all substances, Screened, One or more substances not screened using Priority Hazard Lists with results disclosed and/ or one or more Special Condition did not follow guidance, Identified, 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 HUSKY YELLOW GUARD 10-MIL VAPOR RETARDER [POLYETHYLENE LT-UNK ADDITIVE 2 Not Screened ADDITIVE 1 Not Screened]

Number of Greenscreen BM-4/BM3 contents ... 0 Contents highest concern GreenScreen Benchmark or List translator Score ... LT - UNK Nanomaterial ... No

INVENTORY AND SCREENING NOTES: Threshold level per OSHA MSDS.

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: Not Applicable

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?

- Yes No

PREPARER: Self-Prepared

VERIFIER: VERIFICATION #:

SCREENING DATE: 2021-02-10

PUBLISHED DATE: 2021-02-11

EXPIRY DATE: 2024-02-10

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 2.2, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-2-standard

HUSKY YELLOW GUARD 10-MIL VAPOR RETARDER

PRODUCT THRESHOLD: Other

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities were not considered as this is a solid material.

OTHER PRODUCT NOTES:

POLYETHYLENE

ID: 9002-88-4

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-02-10

#: 96.5000 - 97.5000 GS: LT-UNK RC: None NANO: No SUBSTANCE ROLE: Polymer species

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Polyethylene plastic pellets

ADDITIVE 2

ID: Undisclosed

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-02-10

#: 1.7500 - 2.2500 GS: Not Screened RC: None NANO: No SUBSTANCE ROLE: Pigment

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

Hazard Screening not performed

SUBSTANCE NOTES: The supplier has only identified this substance as a pigment due to the fact that it is a proprietary component of the product and it represents a Trade Secret. To the best of their knowledge and research, there are no known hazards or warnings associated with this material. Variation in processing necessitates that a range of values be reported for this substance.

ADDITIVE 1

ID: Undisclosed

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-02-10

#: 0.7500 - 1.2500 GS: Not Screened RC: None NANO: No SUBSTANCE ROLE: Anti-adhesive agent

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

Hazard Screening not performed

SUBSTANCE NOTES: The supplier has only identified this substance as an anti-block due to the fact that it is a proprietary component of the product and it represents a Trade Secret. To the best of their knowledge and research, there are no known hazards or warnings associated with this material. Variation in processing necessitates that a range of values be reported for this substance.

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

Not Applicable

CERTIFYING PARTY: Self-declared

APPLICABLE FACILITIES: Poly-America facilities

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES:

ISSUE DATE: 2017-07-11

EXPIRY DATE:

CERTIFIER OR LAB: 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.

YELLOW GUARD POLYETHYLENE TAPE

HPD URL: <http://yellowguard.com/YellowGuardTape.pdf>

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Pressure sensitive tape recommended for installation of Yellow Guard Vapor Barrier.

Section 5: General Notes

10-mil Husky Yellow Guard Vapor Retarder (07 26 00, 03 30 00) is an under-slab vapor retarder engineered for low water vapor permeance and very high puncture resistance. It exceeds the industry standard, ASTM E1745 Class A, material specification and provides durable, long-lasting, moisture vapor protection.

MANUFACTURER INFORMATION

MANUFACTURER: Poly-America, L.P.
ADDRESS: 2000 W. Marshall Dr.
 Grand Prairie Texas 75051, USA
WEBSITE: www.yellowguard.com

CONTACT NAME: George Yazdani
TITLE: Technical Manager
PHONE: 972-337-7314
EMAIL: georgey@poly-america.com

The listed contact is responsible for the validity of this HPD and attests that it is accurate and complete to the best of his or her knowledge.

KEY

Hazard Types

AQU Aquatic toxicity	LAN Land toxicity	PHY Physical hazard (flammable or reactive)
CAN Cancer	MAM Mammalian/systemic/organ toxicity	REP Reproductive
DEV Developmental toxicity	MUL Multiple	RES Respiratory sensitization
END Endocrine activity	NEU Neurotoxicity	SKI Skin sensitization/irritation/corrosivity
EYE Eye irritation/corrosivity	NF Not found on Priority Hazard Lists	UNK Unknown
GEN Gene mutation	OZO Ozone depletion	
GLO Global warming	PBT Persistent, bioaccumulative, and toxic	

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)	LT-1 List Translator 1 (Likely Benchmark-1)
BM-3 Benchmark 3 (use but still opportunity for improvement)	LT-UNK List Translator Benchmark Unknown (the chemical is present on at least one GreenScreen Specified List, but the information contained within the list did not result in a clear mapping to a LT-1 or LTP1 score.)
BM-2 Benchmark 2 (use but search for safer substitutes)	
BM-1 Benchmark 1 (avoid - chemical of high concern)	
BM-U Benchmark Unspecified (due to insufficient data)	
LT-P1 List Translator Possible 1 (Possible Benchmark-1)	NoGS No GreenScreen.

Recycled Types

PreC Pre-consumer recycled content
PostC Post-consumer recycled content
UNK Inclusion of recycled content is unknown
None Does not include recycled content

Other Terms:

GHS SDS Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

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.