

CLASSIFICATION: 09 67 23

PRODUCT DESCRIPTION: HYBRI-FLEX AC IS A 3/16" DECORATIVE CHIP, LOW-ODOR FLOOR SYSTEM OFFERING THE ADDITIONAL BENEFITS OF HIGH MOISTURE TOLERANCE AND A THICKER, SELF-PRIMING, SELF-LEVELING FLOOR MAKING IT THE IDEAL CHOICE FOR INSTALLATION ON FRESHLY PLACED CONCRETE, ROUGH EXISTING FLOORS, OR WHERE HIGHER IMPACT RESISTANCE IS DESIRED.

**Section 1: Summary**

**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**

Residuals and impurities considered in all materials

Explanation(s) provided for Residuals/Impurities?

- Yes
- No

Are All Substances Above the Threshold Indicated:

**Characterized**  Yes  No  
Percent Weight and Role Provided?

**Screened**  Yes  No  
Using Priority Hazard Lists with Results Disclosed?

**Identified**  Yes  No  
Name and Identifier Provided?

**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/BM-3 contents: 1

Contents highest concern GreenScreen® Benchmark or List Translator Score: LT - 1

Nanomaterial: No contents are characterized as a nanomaterial

**MATERIAL | SUBSTANCE GREENSCREEN SCORE HAZARD TYPE;**

**QUARTZ** LT - 1 CAN; **CEMENT DUST** LT - UNK CAN; **BARIUM SULFATE** LT - UNK ; **CALCIUM CARBONATE** LT - UNK ; **CASTOR OIL** LT - UNK ; **DIHYDROGEN OXIDE** BM - 4 ; **POLYVINYL ACETATE** LT - UNK ; **POLYMETHYLENE POLYPHENYL ISOCYANATE** LT - UNK CAN | RES | MUL; **4,4'-METHYLENEDIPHENYL DIISOCYANATE** LT - UNK CAN | EYE | SKI | RES | MAM | MUL; **BENZENE, 1,1'-METHYLENEBIS[ISOCYANATO-** LT - UNK CAN | RES | SKI | EYE | MAM | MUL; **HEXANE, 1,6-DIISOCYANATO-, HOMOPOLYMER** LT - UNK ; **UNDISCLOSED** LT - UNK SKI | AQU; **OXIRANE, MONO[(C12-14-ALKYLOXY)METHYL] DERIVS.** LT - UNK SKI; **TITANIUM DIOXIDE** LT - 1 CAN; **FIBERGLASS** LT - UNK ; **BRANCHED C10-ALKYL BENZOATES** NOGS ; **UNDISCLOSED** LT - UNK SKI | AQU; **CALCIUM CARBONATE** LT - UNK ; **UNDISCLOSED** LT - UNK ; **UNDISCLOSED** LT - P1 END; **CALCIUM HYDROXIDE (CA(OH)2)** LT - UNK ; **GYPNUM** LT - UNK ; **UNDISCLOSED** LT - UNK ; **BENZENEMETHANOL** LT - UNK DEV | MAM; **CALCIUM OXIDE** LT - UNK ; **ISOPHORONE DIAMINE** LT - P1 MUL | SKI | AQU | MAM; **CARBON BLACK** LT - 1 CAN; **C.I. PIGMENT YELLOW 42** LT - UNK ; **IRON OXIDE (FE3O4)** LT - UNK ; **DISTILLATES, PETROLEUM, HYDROTREATED LIGHT** LT -

**INVENTORY AND SCREENING NOTES**

This HPD was created with Basic Inventory.

UNK CAN;DIETHYLENE GLYCOL LT - UNK DEV |  
MAM;MAGNESIUM OXIDE (MGO) LT -  
UNK ;POLY[OXY(METHYL-1,2-ETHANEDIYL)], A-HYDRO-Ω-  
HYDROXY- LT - UNK ;UNDISCLOSED NOGS ;PROPANOIC ACID,  
2-METHYL-, 2,2-DIMETHYL-1-(1-METHYLETHYL)-1,3-  
PROPANEDIYL ESTER LT - P1 END;ISOCYANIC ACID,  
POLYMETHYLENEPOLYPHENYLENE ESTER, POLYMER WITH A-  
HYDRO-Ω-HYDROXPOLY( OXY-1,2-ETHANEDIYL) LT -  
UNK ;PHOSPHOROUS ACID, TRIPHENYL ESTER LT - P1 MUL |  
EYE | AQU | SKI;

### VOLATILE ORGANIC COMPOUND (VOC) CONTENT

Material (g/l): 0  
Regulatory (g/l): 0  
Does the product contain exempt VOCs? No  
Are ultra-low VOC tints available? Not Applicable

Third Party Verified?

- Yes  
 No

PREPARER:

VERIFIER:

VERIFICATION #:

**CERTIFICATIONS AND COMPLIANCE** *See Section 3 for additional listings*

**CONSISTENCY WITH OTHER PROGRAMS**  
LEED v4 Material Ingredients Option 1.

SCREENING DATE: 8/16/2017

PUBLISHED DATE: 8/16/2017

EXPIRY DATE: 8/16/2020



## 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)

### DUR-A-FLEX - HYBRI-FLEX AC

PRODUCT THRESHOLD: 1,000ppm

RESIDUALS AND IMPURITIES CONSIDERED: Considered

RESIDUAL/IMPURITIES NOTES:

OTHER PRODUCT NOTES:

#### QUARTZ

ID: 14808-60-7

%: 15-20%

GS: LT - 1

RC: Unknown

NANO: No

ROLE: Resin

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CAN

MAK Carcinogen

Carc. 1

CAN

IARC

1

SUBSTANCE NOTES: A substance range is given to protect the intellectual property of both Dur-A-Flex and its suppliers.

#### CEMENT DUST

ID: 65997-15-1

%: 15-20%

GS: LT - UNK

RC:

NANO: No

ROLE: Aggregate

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CAN

MAK Carcinogen

Carc. 3B

SUBSTANCE NOTES: A substance range is given to protect the intellectual property of both Dur-A-Flex and its suppliers.

**BARIUM SULFATE**

ID: 7727-43-7

%: 5-15% GS: LT - UNK RC: None NANO: No ROLE: Textured Filler

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority Lists

SUBSTANCE NOTES: A substance range is given to protect the intellectual property of both Dur-A-Flex and its suppliers.

**CALCIUM CARBONATE**

ID: 471-34-1

%: 5-15% GS: LT - UNK RC: None NANO: No ROLE: Textured Filler

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority Lists

SUBSTANCE NOTES: A substance range is given to protect the intellectual property of both Dur-A-Flex and its suppliers.

**CASTOR OIL**

ID: 8001-79-4

%: 5-10% GS: LT - UNK RC: NANO: No ROLE: Resin

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority Lists

SUBSTANCE NOTES: A substance range is given to protect the intellectual property of both Dur-A-Flex and its suppliers.

**DIHYDROGEN OXIDE**

ID: 7732-18-5

%: 1-5% GS: BM - 4 RC: None NANO: No ROLE: Hardener

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority Lists

SUBSTANCE NOTES: A substance range is given to protect the intellectual property of both Dur-A-Flex and its suppliers.

**POLYVINYL ACETATE**

ID: 9003-20-7

%: 1-5% GS: LT - UNK RC: None NANO: No ROLE: Textured Filler

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority Lists

SUBSTANCE NOTES: A substance range is given to protect the intellectual property of both Dur-A-Flex and its suppliers.

**POLYMETHYLENE POLYPHENYL ISOCYANATE**

ID: 9016-87-9

%: 1-5% GS: LT - UNK RC: NANO: No ROLE: Hardener

HAZARDS: AGENCY(IES) WITH WARNINGS:

CAN MAK Carcinogen Carc. 4

RES AOEC - Asthmagens Rs

RES AOEC - Asthmagens G

RES MAK Sensitizing Sah

MUL US EPA PPT Chemical Action Plans EPA Chemical of Concern - Action Plan published

SUBSTANCE NOTES: A substance range is given to protect the intellectual property of both Dur-A-Flex and its suppliers.

**4,4'-METHYLENEDIPHENYL DIISOCYANATE**

ID: 101-68-8

%: 1-5% GS: LT - UNK RC: NANO: No ROLE: Hardener

HAZARDS: AGENCY(IES) WITH WARNINGS:

CAN EU - Annex VI CMRs Carc. 2

CAN MAK Carcinogen Carc. 4

EYE EU - GHS (H-Statements) H319

SKI EU - GHS (H-Statements) H315

RES EU - GHS (H-Statements) H334

CAN EU - GHS (H-Statements) H351

SKI EU - GHS (H-Statements) H317

CAN EU - R-Phrases 40

|     |                                  |   |
|-----|----------------------------------|---|
| SKI | EU - R-Phrases                   | 38  |
| MAM | EU - R-Phrases                   | 20  |
| EYE | EU - R-Phrases                   | 36  |
| RES | EU - R-Phrases                   | 42  |
| SKI | EU - R-Phrases                   | 43  |
| CAN | EU - REACH Annex XVII CMRs       | Carc. Cat. 3                                    |
| RES | AOEC - Asthmagens                | G   |
| RES | MAK Sensitizing                  | Sah   |
| MUL | US EPA PPT Chemical Action Plans | EPA Chemical of Concern - Action Plan published |

SUBSTANCE NOTES: A substance range is given to protect the intellectual property of both Dur-A-Flex and its suppliers.

### BENZENE, 1,1'-METHYLENEBIS[ISOCYANATO-

ID: 26447-40-5

|          |                                  |     |   |                |
|----------|----------------------------------|-----|---|----------------|
| %: 1-5%  | GS: LT - UNK                     | RC: | NANO: No  | ROLE: Hardener |
| HAZARDS: | AGENCY(IES) WITH WARNINGS:       |     |   |                |
| CAN      | EU - Annex VI CMRs               |     | Carc. 2   |                |
| RES      | EU - GHS (H-Statements)          |     | H334  |                |
| SKI      | EU - GHS (H-Statements)          |     | H317  |                |
| CAN      | EU - GHS (H-Statements)          |     | H351  |                |
| SKI      | EU - GHS (H-Statements)          |     | H315  |                |
| EYE      | EU - GHS (H-Statements)          |     | H319  |                |
| MAM      | EU - R-Phrases                   |     | 20  |                |
| CAN      | EU - R-Phrases                   |     | 40  |                |
| EYE      | EU - R-Phrases                   |     | 36  |                |
| RES      | EU - R-Phrases                   |     | 42  |                |
| SKI      | EU - R-Phrases                   |     | 43  |                |
| SKI      | EU - R-Phrases                   |     | 38  |                |
| CAN      | EU - REACH Annex XVII CMRs       |     | Carc. Cat. 3                                    |                |
| MUL      | US EPA PPT Chemical Action Plans |     | EPA Chemical of Concern - Action Plan published |                |

SUBSTANCE NOTES: A substance range is given to protect the intellectual property of both Dur-A-Flex and its suppliers.

### HEXANE, 1,6-DIISOCYANATO-, HOMOPOLYMER

ID: 28182-81-2

|            |   |     |          |                |
|------------|---|-----|----------|----------------|
| %: 1-5%    | GS: LT - UNK                            | RC: | NANO: No | ROLE: Hardener |
| HAZARDS:   | AGENCY(IES) WITH WARNINGS:              |     |          |                |
| None Found | No warnings found on HPD Priority Lists |     |          |                |

SUBSTANCE NOTES: A substance range is given to protect the intellectual property of both Dur-A-Flex and its suppliers.

### UNDISCLOSED

ID: UNDISCLOSED

|          |                            |     |          |             |
|----------|----------------------------|-----|----------|-------------|
| %: 1-5%  | GS: LT - UNK               | RC: | NANO: No | ROLE: Resin |
| HAZARDS: | AGENCY(IES) WITH WARNINGS: |     |          |             |
| SKI      | EU - GHS (H-Statements)    |     | H317     |             |
| SKI      | EU - R-Phrases             |     | 43       |             |
| AQU      | EU - R-Phrases             |     | 52/53a   |             |
| AQU      | EU - R-Phrases             |     | 52/53    |             |

SUBSTANCE NOTES: This chemical was screened for hazards but is deemed proprietary by the supplier. A substance range is given to protect the intellectual property of both Dur-A-Flex and its suppliers.

### OXIRANE, MONO[(C12-14-ALKYLOXY)METHYL] DERIVS.

ID: 68609-97-2

|          |                            |          |          |             |
|----------|----------------------------|----------|----------|-------------|
| %: 1-5%  | GS: LT - UNK               | RC: None | NANO: No | ROLE: Resin |
| HAZARDS: | AGENCY(IES) WITH WARNINGS: |          |          |             |
| SKI      | EU - GHS (H-Statements)    |          | H317     |             |
| SKI      | EU - GHS (H-Statements)    |          | H315     |             |
| SKI      | EU - R-Phrases             |          | 43       |             |
| SKI      | EU - R-Phrases             |          | 38       |             |

SUBSTANCE NOTES: A substance range is given to protect the intellectual property of both Dur-A-Flex and its suppliers.

### TITANIUM DIOXIDE

ID: 13463-67-7

|          |                                   |          |                         |                       |
|----------|-----------------------------------|----------|-------------------------|-----------------------|
| %: 1-5%  | GS: LT - 1                        | RC: None | NANO: No                | ROLE: Textured Filler |
| HAZARDS: | AGENCY(IES) WITH WARNINGS:        |          |                         |                       |
| CAN      | US CDC - Occupational Carcinogens |          | Occupational Carcinogen |                       |
| CAN      | MAK Carcinogen                    |          | Carc. 3A                |                       |
| CAN      | IARC                              |          | 2B                      |                       |

SUBSTANCE NOTES: A substance range is given to protect the intellectual property of both Dur-A-Flex and its suppliers.

### FIBERGLASS

ID: 65997-17-3

|            |   |     |          |                 |
|------------|---|-----|----------|-----------------|
| %: 1-5%    | GS: LT - UNK                            | RC: | NANO: No | ROLE: Aggregate |
| HAZARDS:   | AGENCY(IES) WITH WARNINGS:              |     |          |                 |
| None Found | No warnings found on HPD Priority Lists |     |          |                 |

SUBSTANCE NOTES: A substance range is given to protect the intellectual property of both Dur-A-Flex and its suppliers.

### BRANCHED C10-ALKYL BENZOATES

ID: 131298-44-7

|            |   |     |          |             |
|------------|---|-----|----------|-------------|
| %: 1-5%    | GS: NOGS                                | RC: | NANO: No | ROLE: Resin |
| HAZARDS:   | AGENCY(IES) WITH WARNINGS:              |     |          |             |
| None Found | No warnings found on HPD Priority Lists |     |          |             |

SUBSTANCE NOTES: A substance range is given to protect the intellectual property of both Dur-A-Flex and its suppliers.

### UNDISCLOSED

ID: UNDISCLOSED

|          |                            |     |          |             |
|----------|----------------------------|-----|----------|-------------|
| %: 1-5%  | GS: LT - UNK               | RC: | NANO: No | ROLE: Resin |
| HAZARDS: | AGENCY(IES) WITH WARNINGS: |     |          |             |
| SKI      | EU - GHS (H-Statements)    |     | H317     |             |
| AQU      | EU - R-Phrases             |     | 52/53    |             |
| AQU      | EU - R-Phrases             |     | 52/53a   |             |
| SKI      | EU - R-Phrases             |     | 43       |             |

SUBSTANCE NOTES: This chemical was screened for hazards but is deemed proprietary by the supplier. A substance range is given to protect the intellectual property of both Dur-A-Flex and its suppliers.

### CALCIUM CARBONATE

ID: 1317-65-3

|            |   |             |          |             |
|------------|---|-------------|----------|-------------|
| %: 0.1-1%  | GS: LT - UNK                            | RC: Unknown | NANO: No | ROLE: Resin |
| HAZARDS:   | AGENCY(IES) WITH WARNINGS:              |             |          |             |
| None Found | No warnings found on HPD Priority Lists |             |          |             |

SUBSTANCE NOTES: A substance range is given to protect the intellectual property of both Dur-A-Flex and its suppliers.

### UNDISCLOSED

ID: UNDISCLOSED

|            |   |     |          |             |
|------------|---|-----|----------|-------------|
| %: 0.1-1%  | GS: LT - UNK                            | RC: | NANO: No | ROLE: Resin |
| HAZARDS:   | AGENCY(IES) WITH WARNINGS:              |     |          |             |
| None Found | No warnings found on HPD Priority Lists |     |          |             |

SUBSTANCE NOTES: This chemical was screened for hazards but is deemed proprietary by the supplier. A substance range is given to protect the intellectual property of both Dur-A-Flex and its suppliers.

### UNDISCLOSED

ID: UNDISCLOSED

|           |                                      |     |                               |             |
|-----------|--------------------------------------|-----|-------------------------------|-------------|
| %: 0.1-1% | GS: LT - P1                          | RC: | NANO: No                      | ROLE: Resin |
| HAZARDS:  | AGENCY(IES) WITH WARNINGS:           |     |                               |             |
| END       | TEDX - Potential Endocrine Disruptor |     | Potential Endocrine Disruptor |             |

SUBSTANCE NOTES: This chemical was screened for hazards but is deemed proprietary by the supplier. A substance range is given to protect the intellectual property of both Dur-A-Flex and its suppliers.

### CALCIUM HYDROXIDE (CA(OH)2)

ID: 1305-62-0

|  |   |     |          |                 |
|--|---|-----|----------|-----------------|
| %: 0.1-1%  | GS: LT - UNK                            | RC: | NANO: No | ROLE: Aggregate |
| HAZARDS:   | AGENCY(IES) WITH WARNINGS:              |     |          |                 |
| None Found   | No warnings found on HPD Priority Lists |     |          |                 |
| SUBSTANCE NOTES: A substance range is given to protect the intellectual property of both Dur-A-Flex and its suppliers. |   |     |          |                 |

### GYPSUM

ID: 13397-24-5

|  |   |     |          |                 |
|--|---|-----|----------|-----------------|
| %: 0.1-1%  | GS: LT - UNK                            | RC: | NANO: No | ROLE: Aggregate |
| HAZARDS:   | AGENCY(IES) WITH WARNINGS:              |     |          |                 |
| None Found   | No warnings found on HPD Priority Lists |     |          |                 |
| SUBSTANCE NOTES: A substance range is given to protect the intellectual property of both Dur-A-Flex and its suppliers. |   |     |          |                 |

### UNDISCLOSED

ID: UNDISCLOSED

|  |   |     |          |             |
|--|---|-----|----------|-------------|
| %: 0.1-1%  | GS: LT - UNK                            | RC: | NANO: No | ROLE: Resin |
| HAZARDS:   | AGENCY(IES) WITH WARNINGS:              |     |          |             |
| None Found   | No warnings found on HPD Priority Lists |     |          |             |
| SUBSTANCE NOTES: This chemical was screened for hazards but is deemed proprietary by the supplier. A substance range is given to protect the intellectual property of both Dur-A-Flex and its suppliers. |   |     |          |             |

### BENZENEMETHANOL

ID: 100-51-6

|  |                            |          |               |                |
|--|----------------------------|----------|---------------|----------------|
| %: 0.1-1%  | GS: LT - UNK               | RC: None | NANO: No      | ROLE: Hardener |
| HAZARDS:   | AGENCY(IES) WITH WARNINGS: |          |               |                |
| DEV  | G&L - Neurotoxic Chemicals |          | Neurotoxicity |                |
| MAM  | EU - R-Phrases             |          | 20/22         |                |
| SUBSTANCE NOTES: A substance range is given to protect the intellectual property of both Dur-A-Flex and its suppliers. |                            |          |               |                |

### CALCIUM OXIDE

ID: 1305-78-8

|  |   |     |          |                 |
|--|---|-----|----------|-----------------|
| %: 0.1-1%  | GS: LT - UNK                            | RC: | NANO: No | ROLE: Aggregate |
| HAZARDS:   | AGENCY(IES) WITH WARNINGS:              |     |          |                 |
| None Found   | No warnings found on HPD Priority Lists |     |          |                 |
| SUBSTANCE NOTES: A substance range is given to protect the intellectual property of both Dur-A-Flex and its suppliers. |   |     |          |                 |

### ISOPHORONE DIAMINE

ID: 2855-13-2

|  |   |          |          |                |
|--|---|----------|----------|----------------|
| %: 0.1-1%  | GS: LT - P1                                 | RC: None | NANO: No | ROLE: Hardener |
| HAZARDS:   | AGENCY(IES) WITH WARNINGS:                  |          |          |                |
| MUL  | German FEA - Substances Hazardous to Waters |          | 2        |                |
| SKI  | EU - GHS (H-Statements)                     |          | H314     |                |
| SKI  | EU - GHS (H-Statements)                     |          | H317     |                |
| AQU  | EU - R-Phrases                              |          | 52/53    |                |
| SKI  | EU - R-Phrases                              |          | 43       |                |
| MAM  | EU - R-Phrases                              |          | 21/22    |                |
| SKI  | EU - R-Phrases                              |          | 34       |                |
| AQU  | EU - R-Phrases                              |          | 52/53a   |                |
| SKI  | MAK Sensitizing                             |          | Sh       |                |
| SUBSTANCE NOTES: A substance range is given to protect the intellectual property of both Dur-A-Flex and its suppliers. |   |          |          |                |

### CARBON BLACK

ID: 1333-86-4

|  |                            |          |          |                       |
|--|----------------------------|----------|----------|-----------------------|
| %: 0.1-1%  | GS: LT - 1                 | RC: None | NANO: No | ROLE: Textured Filler |
| HAZARDS:   | AGENCY(IES) WITH WARNINGS: |          |          |                       |
| CAN  | CA Prop 65                 |          | cancer   |                       |
| CAN  | IARC                       |          | 2B       |                       |
| SUBSTANCE NOTES: A substance range is given to protect the intellectual property of both Dur-A-Flex and its suppliers. |                            |          |          |                       |

**C.I. PIGMENT YELLOW 42**

ID: 51274-00-1

%: 0.1-1% GS: LT - UNK RC: None NANO: No ROLE: Textured Filler

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority Lists

SUBSTANCE NOTES: A substance range is given to protect the intellectual property of both Dur-A-Flex and its suppliers.

**IRON OXIDE (FE3O4)**

ID: 1317-61-9

%: 0.1-1% GS: LT - UNK RC: None NANO: No ROLE: Textured Filler

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority Lists

SUBSTANCE NOTES: A substance range is given to protect the intellectual property of both Dur-A-Flex and its suppliers.

**DISTILLATES, PETROLEUM, HYDROTREATED LIGHT**

ID: 64742-47-8

%: 0.1-1% GS: LT - UNK RC: None NANO: No ROLE: Resin

HAZARDS: AGENCY(IES) WITH WARNINGS:

CAN MAK Carcinogen Carc. 3B

SUBSTANCE NOTES: A substance range is given to protect the intellectual property of both Dur-A-Flex and its suppliers.

**DIETHYLENE GLYCOL**

ID: 111-46-6

%: 0.1-1% GS: LT - UNK RC: NANO: No ROLE: Resin

HAZARDS: AGENCY(IES) WITH WARNINGS:

DEV G&amp;L - Neurotoxic Chemicals Neurotoxicity

MAM EU - R-Phrases 22

SUBSTANCE NOTES: A substance range is given to protect the intellectual property of both Dur-A-Flex and its suppliers.

**MAGNESIUM OXIDE (MGO)**

ID: 1309-48-4

%: 0.1-1% GS: LT - UNK RC: NANO: No ROLE: Aggregate

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority Lists

SUBSTANCE NOTES: A substance range is given to protect the intellectual property of both Dur-A-Flex and its suppliers.

**POLY[OXY(METHYL-1,2-ETHANEDIYL)], A-HYDRO-Ω-HYDROXY-**

ID: 25322-69-4

%: 0.1-1% GS: LT - UNK RC: NANO: ROLE: Resin

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority Lists

SUBSTANCE NOTES: A substance range is given to protect the intellectual property of both Dur-A-Flex and its suppliers.

**UNDISCLOSED**

ID: UNDISCLOSED

%: 0.1-1% GS: NOGS RC: NANO: ROLE: Resin

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority Lists

SUBSTANCE NOTES: This chemical was screened for hazards but is deemed proprietary by the supplier. A substance range is given to protect the intellectual property of both Dur-A-Flex and its suppliers.

**PROPANOIC ACID, 2-METHYL-, 2,2-DIMETHYL-1-(1-METHYLETHYL)-1,3-PROPANEDIYL ESTER**

ID: 6846-50-0

%: 0.1-1% GS: LT - P1 RC: NANO: No ROLE: Resin

HAZARDS: AGENCY(IES) WITH WARNINGS:

END TEDX - Potential Endocrine Disruptor Potential Endocrine Disruptor

SUBSTANCE NOTES: A substance range is given to protect the intellectual property of both Dur-A-Flex and its suppliers.

**ISOCYANIC ACID, POLYMETHYLENEPOLYPHENYLENE ESTER, POLYMER WITH A-HYDRO-Ω-HYDROXYPOLY(OXY-1,2-ETHANEDIYL)**

ID: 57636-09-6

%: 0.1-1%      GS: LT - UNK      RC:      NANO: No      ROLE: Hardener  
HAZARDS:      AGENCY(IES) WITH WARNINGS:  
None Found      No warnings found on HPD Priority Lists

SUBSTANCE NOTES: A substance range is given to protect the intellectual property of both Dur-A-Flex and its suppliers.

**PHOSPHOROUS ACID, TRIPHENYL ESTER**

ID: 101-02-0

%: 0.1-1%      GS: LT - P1      RC: None      NANO: No      ROLE: Resin  
HAZARDS:      AGENCY(IES) WITH WARNINGS:  
MUL      German FEA - Substances Hazardous to Waters      2  
EYE      EU - GHS (H-Statements)      H319  
AQU      EU - GHS (H-Statements)      H410  
AQU      EU - GHS (H-Statements)      H400  
SKI      EU - GHS (H-Statements)      H315  
AQU      EU - R-Phrases      50/53  
EYE      EU - R-Phrases      36  
SKI      EU - R-Phrases      38

SUBSTANCE NOTES: A substance range is given to protect the intellectual property of both Dur-A-Flex and its suppliers.



### 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.



### 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.



### Section 5: General Notes

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





## Section 6: References

### MANUFACTURER INFORMATION

MANUFACTURER: Dur-A-Flex

ADDRESS:

95 Goodwin Street, East Hartford, CT 06108

WEBSITE: www.dur-a-flex.com

CONTACT NAME: Ron Phillips

TITLE: Product Manager

PHONE: 800-253-3539

EMAIL: contact\_us@dur-a-flex.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

|            |                            |            |   |            |   |
|------------|----------------------------|------------|---|------------|---|
| <b>AQU</b> | Aquatic toxicity           | <b>GLO</b> | Global warming                          | <b>PHY</b> | Physical Hazard (reactive)                    |
| <b>CAN</b> | Cancer                     | <b>MAM</b> | Mammalian/<br>systematic/organ toxicity | <b>REP</b> | Reproductive toxicity                         |
| <b>DEV</b> | Developmental toxicity     | <b>MUL</b> | Multiple hazards                        | <b>RES</b> | Respiratory sensitization                     |
| <b>END</b> | Endocrine activity         | <b>NEU</b> | Neurotoxicity                           | <b>SKI</b> | Skin sensitization/<br>Irritation/corrosivity |
| <b>EYE</b> | Eye irritation/corrosivity | <b>OZO</b> | Ozone depletion                         | <b>LAN</b> | Land toxicity                                 |
| <b>GEN</b> | Gene mutation              | <b>PBT</b> | Persistent Bioaccumulative Toxic        | <b>NF</b>  | Not found on Priority Hazard Lists            |

#### GreenScreen (GS)

|             |   |               |  |
|-------------|---|---------------|--|
| <b>BM-4</b> | Benchmark-4 (prefer – safer chemical)                   | <b>LT-P1</b>  | List Translator Possible Benchmark 1   |
| <b>BM-3</b> | Benchmark-3 (use but still opportunity for improvement) | <b>LT-1</b>   | List Translator Likely Benchmark 1   |
|             | Benchmark-2 (use but search for safer substitutes)      | <b>LT-UNK</b> | List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark) |
| <b>BM-2</b> | Benchmark-1 (avoid – chemical of high concern)          | <b>NoGS</b>   | Unknown (no data on List Translator Lists)   |
| <b>BM-1</b> | Benchmark Unspecified (insufficient data to benchmark)  |               |  |
| <b>BM-U</b> |   |               |  |

#### Recycled Types

|              |  |
|--------------|--|
| <b>PreC</b>  | Preconsumer (Post-Industrial)            |
| <b>PostC</b> | Postconsumer                             |
| <b>Both</b>  | Both Preconsumer and Postconsumer        |
| <b>Unk</b>   | Inclusion of recycled content is unknown |
| <b>None</b>  | 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 nanoscale 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 note:*

- 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.*