

# Undermount Stainless Steel Kitchen Sinks by Elkay Manufacturing Company

## Health Product Declaration v2.2

created via: HPDC Online Builder

HPD UNIQUE IDENTIFIER: 21617

CLASSIFICATION: 22 40 00 Plumbing Fixtures

PRODUCT DESCRIPTION: An undermount or recessed sink is installed beneath the counter top, creating a seamless appearance between the sink and the counter top. This HPD includes models with the prefixes ELU, ELUH, EAQDUH, DCFU, DXUH, NUH. Optional accessories included in kits, such as faucets or drainboards, are not covered by this HPD.

### Section 1: Summary

### Nested Method / Product Threshold

#### 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  
☐ Other

##### Residuals/Impurities

Residuals/Impurities  
Considered in 1 of 2 Materials

Explanation(s) provided  
for Residuals/Impurities?

- ☒ Yes ☐ No

All Substances Above the Threshold Indicated Are:

Characterized ☐ Yes Ex/SC ☒ Yes ☐ No

% weight and role provided for all substances.

Screened ☐ Yes Ex/SC ☒ Yes ☐ No

All substances screened using Priority Hazard Lists with  
results disclosed.

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**

**BOWL** [ **STAINLESS STEEL** NoGS ] **SOUND DEADENING PADS** [ **BITUMENS, EXTRACTS OF STEAM-REFINED AND AIR-REFINED; STEAM-REFINED, CRACKING-RESIDUE AND AIR-REFINED BITUMENS (SEE BITUMENS, OCCUPATIONAL EXPOSURES)** LT-1 | CAN **CALCIUM CARBONATE** BM-3 **BARIUM SULFATE** BM-2 | CAN **IRON CARBONYL (FE(CO)5), (TB-5-11)-** LT-P1 | MUL | MAM **ANTIMONY OXIDE (ANTIMONY TRIOXIDE)** BM-1 | CAN | MUL **CELLULOSE** LT-UNK | RES **ACETIC ACID ETHENYL ESTER, POLYMER WITH ETHENE** LT-UNK **ETHYL ACETATE** LT-UNK | PHY | EYE **PULP, CELLULOSE** NoGS **CARBON BLACK** BM-1 | CAN ]

Number of Greenscreen BM-4/BM3 contents ... 1

Contents highest concern GreenScreen

Benchmark or List translator Score ... BM-1

Nanomaterial ... No

#### INVENTORY AND SCREENING NOTES:

Material percent ranges are the result of grouping multiple products.  
Composition is consistent across product group; variation results from bowl size and quantity of sound deadening pads.

#### 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: VOC content data is not applicable for this product category.

#### CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients Option 1

Third Party Verified?

- ☐ Yes  
☒ No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2020-08-26

PUBLISHED DATE: 2020-09-04

EXPIRY DATE: 2023-08-26



## 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](http://www.hpd-collaborative.org/hpd-2-2-standard)

### BOWL

#: 93.7580 - 97.6100

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

MATERIAL TYPE: Metal

RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities were not considered. Composition information for stainless steel is included in substance notes.

OTHER MATERIAL NOTES:

### STAINLESS STEEL

ID: 12597-68-1

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-08-26

#: 100.0000

GS: NoGS

RC: Both

NANO: No

SUBSTANCE ROLE: Structure component

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: The composition of stainless steel includes the following elements [CAS #; %]: Iron [7439-89-6; 45-90%], Nickel [7440-02-0; 0-40%], Chromium [7440-47-3; 10.5-30%], Manganese [7439-98-7; 0-15%], Molybdenum [7439-98-7; 0-5%], Copper [7440-50-8; 0-5%], Silicon [7440-21-3; 0-3%], Aluminum [7429-90-5; 0-1%], Cobalt [7440-48-4; 0-1%], Titanium [7440-32-6; 0-1%], Vanadium [1314-62-1; Trace], Tungsten [7440-33-7; Trace], Tantalum [7440-25-7; Trace], Lead [7439-92-1; Trace].

### SOUND DEADENING PADS

#: 2.3900 - 6.2420

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

MATERIAL TYPE: Geologically Derived Material

RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities were considered based on process chemistry via Pharos. Potential Residuals and Impurities were present in the Ethylenevinylacetate copolymer and Ethyl Acetate. Details are in the respective substance notes.

OTHER MATERIAL NOTES:

**BITUMENS, EXTRACTS OF STEAM-REFINED AND AIR-REFINED; STEAM-REFINED, CRACKING-RESIDUE AND AIR-REFINED BITUMENS (SEE BITUMENS, OCCUPATIONAL EXPOSURES)**

ID: 8052-42-4

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-08-26

#: 35.0000

GS: LT-1

RC:

None

NANO:

No

SUBSTANCE ROLE:

Structure component

| HAZARD TYPE      | AGENCY AND LIST TITLES            | WARNINGS                                                                                     |
|------------------|-----------------------------------|----------------------------------------------------------------------------------------------|
| CANCER           | IARC                              | Group 2b - Possibly carcinogenic to humans                                                   |
| CANCER           | CA EPA - Prop 65                  | Carcinogen                                                                                   |
| CANCER           | US CDC - Occupational Carcinogens | Occupational Carcinogen                                                                      |
| 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: |                                   |                                                                                              |

## CALCIUM CARBONATE

ID: **471-34-1**

|                                                                       |                        |                                                |                 |                                            |
|-----------------------------------------------------------------------|------------------------|------------------------------------------------|-----------------|--------------------------------------------|
| HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b> |                        | HAZARD SCREENING DATE: <b>2020-08-26</b>       |                 |                                            |
| %: <b>30.0000</b>                                                     | GS: <b>BM-3</b>        | RC: <b>None</b>                                | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Structure component</b> |
| HAZARD TYPE                                                           | AGENCY AND LIST TITLES |                                                | WARNINGS        |                                            |
| None found                                                            |                        | No warnings found on HPD Priority Hazard Lists |                 |                                            |
| SUBSTANCE NOTES:                                                      |                        |                                                |                 |                                            |

## BARIUM SULFATE

ID: **7727-43-7**

|                                                                       |                        |                                                                                  |                 |                               |
|-----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------------------|-----------------|-------------------------------|
| HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b> |                        | HAZARD SCREENING DATE: <b>2020-08-26</b>                                         |                 |                               |
| %: <b>12.0000</b>                                                     | GS: <b>BM-2</b>        | RC: <b>None</b>                                                                  | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Filler</b> |
| HAZARD TYPE                                                           | AGENCY AND LIST TITLES | WARNINGS                                                                         |                 |                               |
| CANCER                                                                | MAK                    | Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels |                 |                               |
| SUBSTANCE NOTES:                                                      |                        |                                                                                  |                 |                               |

## IRON CARBONYL (FE(CO)5), (TB-5-11)-

ID: **13463-40-6**

| HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b> |                                               | HAZARD SCREENING DATE: <b>2020-08-26</b> |                 |                                    |
|-----------------------------------------------------------------------|-----------------------------------------------|------------------------------------------|-----------------|------------------------------------|
| %: <b>8.8000</b>                                                      | GS: <b>LT-P1</b>                              | RC: <b>None</b>                          | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Plasticizer</b> |
| HAZARD TYPE                                                           | AGENCY AND LIST TITLES                        | WARNINGS                                 |                 |                                    |
| MULTIPLE                                                              | German FEA - Substances Hazardous to Waters   | Class 2 - Hazard to Waters               |                 |                                    |
| MAMMALIAN                                                             | US EPA - EPCRA Extremely Hazardous Substances | Extremely Hazardous Substances           |                 |                                    |

SUBSTANCE NOTES:

## ANTIMONY OXIDE (ANTIMONY TRIOXIDE)

ID: 1309-64-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-08-26**

#: **5.0000** GS: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Flame retardant**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

CANCER

IARC

Group 2b - Possibly carcinogenic to humans

CANCER

CA EPA - Prop 65

Carcinogen

CANCER

US NIH - Report on Carcinogens

Reasonably Anticipated to be Human Carcinogen

CANCER

EU - GHS (H-Statements)

H351 - Suspected of causing cancer

MULTIPLE

ChemSec - SIN List

CMR - Carcinogen, Mutagen &/or Reproductive Toxicant

CANCER

MAK

Carcinogen Group 2 - Considered to be carcinogenic for man

CANCER

GHS - Japan

Carcinogenicity - Category 1B [H350]

SUBSTANCE NOTES:

## CELLULOSE

ID: 9004-34-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-08-26**

#: **4.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Filler**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

RESPIRATORY

AOEC - Asthmagens

Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES:

## ACETIC ACID ETHENYL ESTER, POLYMER WITH ETHENE

ID: 24937-78-8

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-08-26**

#: **2.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Tensile strength additive**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Per Pharos, Hydrogen peroxide [7722-84-1; LT-UNK], Peroxydisulfuric acid, disodium salt [7775-27-1; BM-1], and Sodium formaldehyde bisulfite [870-72-4; LT-UNK] are frequent known or potential residuals in this substance. They are used as catalysts; percent weight for each is unknown.

## ETHYL ACETATE

ID: 141-78-6

|                                                                                                                                                                                                                                                        |                         |                                           |                 |                                 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|-------------------------------------------|-----------------|---------------------------------|
| HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>                                                                                                                                                                                  |                         | HAZARD SCREENING DATE: <b>2020-08-26</b>  |                 |                                 |
| %: <b>1.5000</b>                                                                                                                                                                                                                                       | GS: <b>LT-UNK</b>       | RC: <b>None</b>                           | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Adhesive</b> |
| HAZARD TYPE                                                                                                                                                                                                                                            | AGENCY AND LIST TITLES  | WARNINGS                                  |                 |                                 |
| PHYSICAL HAZARD (REACTIVE)                                                                                                                                                                                                                             | EU - GHS (H-Statements) | H225 - Highly flammable liquid and vapour |                 |                                 |
| EYE IRRITATION                                                                                                                                                                                                                                         | EU - GHS (H-Statements) | H319 - Causes serious eye irritation      |                 |                                 |
| SUBSTANCE NOTES: Per Pharos, Chromium [7440-47-3; LT-P1], Cobalt [7440-48-4; LT-P1], and Sulfuric Acid [7664-93-9; LT-P1] are frequent known or potential residuals in this substance. They are used as catalysts; percent weight for each is unknown. |                         |                                           |                 |                                 |

## PULP, CELLULOSE

ID: **65996-61-4**

|                                                                       |                        |                                                |                 |                               |
|-----------------------------------------------------------------------|------------------------|------------------------------------------------|-----------------|-------------------------------|
| HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b> |                        | HAZARD SCREENING DATE: <b>2020-08-26</b>       |                 |                               |
| #: <b>1.5000</b>                                                      | GS: <b>NoGS</b>        | RC: <b>None</b>                                | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Filler</b> |
| HAZARD TYPE                                                           | AGENCY AND LIST TITLES | WARNINGS                                       |                 |                               |
| None found                                                            |                        | No warnings found on HPD Priority Hazard Lists |                 |                               |
| SUBSTANCE NOTES:                                                      |                        |                                                |                 |                               |

## CARBON BLACK

ID: **1333-86-4**

|                                                                       |                                   |                                                                                              |                 |                            |
|-----------------------------------------------------------------------|-----------------------------------|----------------------------------------------------------------------------------------------|-----------------|----------------------------|
| HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b> |                                   | HAZARD SCREENING DATE: <b>2020-08-26</b>                                                     |                 |                            |
| %: <b>0.2000</b>                                                      | GS: <b>BM-1</b>                   | RC: <b>None</b>                                                                              | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Dye</b> |
| HAZARD TYPE                                                           | AGENCY AND LIST TITLES            | WARNINGS                                                                                     |                 |                            |
| 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:                                                      |                                   |                                                                                              |                 |                            |

## 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

VOC content data is not applicable for this product category.

CERTIFYING PARTY: **Self-declared**

APPLICABLE FACILITIES: **NA**

CERTIFICATE URL:

ISSUE DATE: **2020-08-26**

EXPIRY DATE:

CERTIFIER OR LAB: **NA**

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.*

### MOUNTING CLIP

HPD URL: **No HPD Available**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Recommended for installation of sink. Component sold separately.

## Section 5: General Notes

Material percent ranges are the result of grouping multiple products. Composition is consistent across product group. Bowls are manufactured in a wide variety of sizes and depths and require different sizes of sound deadening pads.



### MANUFACTURER INFORMATION

MANUFACTURER: **Elkay Manufacturing Company**  
 ADDRESS: **1333 Butterfield Road**  
**Downers Grove IL 60515, USA**  
 WEBSITE: **elkay.com**

CONTACT NAME: **Allison Carmody**  
 TITLE: **Sustainability Analyst**  
 PHONE: **(630) 574-8484**  
 EMAIL: **allison.carmody@elkay.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

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

#### GreenScreen (GS)

|                                                                     |                                                                                                                                                                                                                                |
|---------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>BM-4</b> Benchmark 4 (prefer-safer chemical)                     | <b>LT-1</b> List Translator 1 (Likely Benchmark-1)                                                                                                                                                                             |
| <b>BM-3</b> Benchmark 3 (use but still opportunity for improvement) | <b>LT-UNK</b> 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.) |
| <b>BM-2</b> Benchmark 2 (use but search for safer substitutes)      | <b>NoGS</b> No GreenScreen.                                                                                                                                                                                                    |
| <b>BM-1</b> Benchmark 1 (avoid - chemical of high concern)          |                                                                                                                                                                                                                                |
| <b>BM-U</b> Benchmark Unspecified (due to insufficient data)        |                                                                                                                                                                                                                                |
| <b>LT-P1</b> List Translator Possible 1 (Possible Benchmark-1)      |                                                                                                                                                                                                                                |

#### 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.*