

# Material Health Data Collection Form

## SUPPLIER INFORMATION

Company:	
Address:	
Contact person:	
Job title:	
Phone number:	
E-mail address:	

## MATERIAL INFORMATION

Material trade name:	
Material type:	
Linked part/material/product name*:	

\* applicable when your product contains multiple homogeneous materials. A separate declaration has to be completed for each homogeneous material in the product. Use the first two rows to specify the specific homogeneous material. And use the last row to specify the 'parent' product. An example of this would be a protection film on a display. You have two homogeneous materials, the screen and the film. The display would be the parent product.

### A) APPLICABILITY

This declaration was requested by the following client: .....

(Please tick as applicable)

This declaration is only valid for products sold to the above-mentioned client

This Bill of Substances is valid for all our clients

This Bill of Substances falls under a non-disclosure agreement

## B) RECYCLED CONTENT INFORMATION

(Please tick as applicable)

1: The material does not contain recycled content.

-----OR-----

2: The material contains recycled content that is fully defined via the following way:

Metals of known alloy grade

Glass for which elemental analysis has been carried out

Chemically recycled polymers

Other post-industrial or post-consumer recycled materials that can be traced back to the original manufacturer(s)/formulator(s), for which the trade name is known and full material disclosure has been obtained. Please specify:.....

-----OR-----

3: The material contains recycled content from post-consumer and/or post-industrial sources.

This material might contain contaminations from previous life cycles. Known contaminants are listed in the [Recycled Content Materials Analyte List](#).

Analytical testing up to Bronze level requirements has been carried out.

Analytical testing up to Silver level requirements has been carried out.

Test results are shared with the assessor

## C) CRADLE TO CRADLE CERTIFIED® PRODUCTS STANDARD VERSION 4.0 RESTRICTED SUBSTANCES LIST (RSL)- EFFECTIVE JULY 1, 2021

(Please tick as applicable)

1: A RSL Declaration was recently completed for this material and is shared with the assessor

-----OR-----

2: The material contains recycled content from post-consumer and/or post-industrial sources  
(in accordance to point B.3.)

This is a 100% recycled material. All known contaminant in the homogeneous material are tested according to the analytical testing instructions.

This recycled material contains intentionally added chemicals. All known contaminant in the homogeneous material are tested according to the analytical testing instructions. **AND** intentionally added chemicals are verified against the RSL in accordance to instructions under point C.3.

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3: The RSL has not yet been verified for this material or a part of the mix.

Have any of the chemicals listed in [Cradle to Cradle Certified® Products Standard Version 4.0 Restricted Substances List \(RSL\) - Effective July 1, 2021](#) (available at <https://www.c2ccertified.org/resources/detail/cradle-to-cradle-certified-restricted-substances-list-rsl>) been intentionally added to the homogeneous material or are any of the chemicals a known contaminant in the homogeneous material?

**Indicate the list(s) that is/are applicable to this declaration:**

- 4. Core Restricted Substances List for All Materials in All Products
- 5. Additional Restrictions for Biological Nutrient Materials
- 6. Additional Restrictions for Children's Products
- 7. Additional Restrictions for Formulated Consumer Products
- 8. Additional Restrictions for Textile Materials
- 9. Additional Restrictions for Footwear, Apparel & Jewelry Products
- 10. Additional Restrictions for Cosmetics & Personal Care products

-----OR-----

4: The RSL has not yet been verified for this virgin material.

None of the chemicals listed in the RSL have been intentionally added to the homogeneous material

Some of the chemicals listed in the RSL have been intentionally added to the homogeneous material.

-----AND-----

None of the chemicals listed in the RSL have been intentionally added to the homogeneous material

AND/OR are a known contaminant in the homogeneous material.

Chemicals intentionally added to the homogeneous material and/or known contaminants in the homogeneous material, listed in the RSL are added to the 'Bill of Substances' (Page 4)

**D) CRADLE TO CRADLE CERTIFIED® VERSION 4.0 SUPPLIER CMR & SVHC DECLARATION**  
**REVISED APRIL, 2021**

(Please tick as applicable)

1: A CMR & SVHC declaration was recently completed for this material and shared with the assessor.

-----OR-----

2: A CMR & SVHC declaration is not required for the certification level for.....  
(Bronze level only)

-----OR-----

3: The material contains recycled content from post-consumer and/or post-industrial sources and.....aims for Silver certification level or higher.

This is a 100% recycled material. Contamination by CMR & SVHC substances are checked via analytical testing for non-fully defined recycled materials. (according to point B.3, Silver level)

This recycled material contains intentionally added chemicals. All known contaminants in the homogeneous material are tested according to the analytical testing instructions. AND intentionally added chemicals are not listed as CMR or SVHC (in accordance to instructions point D.4)

-----OR-----

4: A CMR & SVHC declaration has not yet been completed for this material or part of the mix.

Have any of the substances classified as carcinogenic, mutagenic or toxic for reproduction of category 1A, 1B or 2 under Regulation (EC) No 1272/2008 (CLP) OR any of the substances listed on the REACH Candidate list of Substances of Very High Concern (SVHC) been intentionally added to the homogeneous material OR are any of these substances a known contaminant in the homogeneous material?

-----OR-----

5: A CMR & SVHC declaration has not yet been verified for this virgin material.

None of the substances classified as CMR or SVHC have been intentionally added to the homogeneous material.

Some of the substances classified as CMR or SVHC have been intentionally added to the homogeneous material.

-----AND-----

None of the substances classified as carcinogenic, mutagenic or toxic for reproduction of category 1A, 1B or 2 under Regulation (EC) No 1272/2008 (CLP) OR any of the substances listed on the REACH Candidate list of Substances of Very High Concern (SVHC) have been intentionally added to the homogeneous material or are a known contaminant in the homogeneous material.

Yes, substances classified as carcinogenic, mutagenic or toxic for reproduction of category 1A, 1B or 2 under Regulation (EC) No 1272/2008 (CLP) OR any of the substances listed on the REACH Candidate list of Substances of Very High Concern (SVHC) have been intentionally added to the homogeneous material or are a known contaminant in the homogeneous material AND are added to the 'Bill of Substances' (Page 4)

## E) COMPOSITION/INFORMATION ON INGREDIENTS

### 1. Steps to complete the table below:

- a) Name all **substances/mixtures** used  $\geq 100$  ppm (0.01%).
  - For purchased chemicals, provide the trade name and/or other identifiers.
  - For bio-based materials: the plant genus
  - For geological materials: the general material name
  - For alloys: alloy specification
- b) Provide the unique **specification**.
  - For purchased chemicals: Chemical Abstract Service (CAS) number(s) for all pure chemicals.
  - For bio-based materials: harvest location
  - For geological materials: quarry location
  - For alloys: chemical elements
- c) Provide the concentration or concentration range, for example:
  - a. 0-0.5%
  - b. 50%+
  - c. 1-2%
- d) If applicable, specify the function of each chemical.
- e) If possible, provide the supplier's name and contact information. This is especially relevant for us if you have not provided the CAS number.
- f) Check whether RSL and CMR & SVHC substances are listed

### BILL OF SUBSTANCES

#	SUBSTANCE/MIXTURE IDENTIFIER	Specification	Concentration or concentration range	Function	Supplier name	Contact Information
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						

Please tick as applicable

The above-mentioned concentrations add up to 100% of the mixture

All ingredients are listed.

## 2. Chemical reactions

Use the box below to report chemical reactions that are an intentional part of their production process (e.g., the polymerization reaction during polymer manufacture).

### F) PLEASE SIGN THE DECLARATION BELOW.

On behalf of ....., I confirm that the information provided in the table attached and in this declaration for the material(s), component(s) or product(s) supplied to ....., its affiliated companies or designated contractors for the production of the item being assessed for certification is true and accurate to the best of my knowledge and the knowledge of my staff.

Signature:

Date:

Name in caps:

Job title:

## 4.2 Avoidance of Organohalogens and Functionally Related Chemical Classes of Concern

### Intended Outcome(s)

Organohalogens, a class of substances associated with toxicity concerns in multiple use-cycle stages, are progressively avoided, beginning with high organohalogen content materials, classes of special concern, and functionally related, non-halogenated classes of equivalent concern (e.g., organophosphate ester flame retardants being used in lieu of halogenated flame retardants).

### Applicable Achievement Level(s)

Bronze, Silver, Gold

### Requirement(s)

**Bronze level:** Use materials that are not and do not contain organohalogen substances of special concern, or functionally related, non-halogenated substances of equivalent concern, above relevant thresholds (i.e., per- and polyfluoroalkyl substances (PFASs), halogenated flame retardants (HFRs) and organophosphate ester flame retardants (OPFRs), halogenated polymers, halogenated organic solvents, and other highly halogenated, carbon-based materials). Certain exemptions apply.

**Silver level:** Use materials in the product that do not contain organohalogen substances in exceedance of 1% by weight. Certain exemptions apply.

**Gold level:** Use materials in the product that do not contain organohalogen substances above subject to review limits (i.e., 100 ppm or lower if specific concentration limits are defined).

The percentage of organohalogen substances within a homogeneous material is equal to the percentage by weight of all carbon-bonded halogen atoms (Cl, Br, F, and I) within the material.

For the Bronze level, the applicable restrictions for organohalogen substances of special concern are:

1. PFASs: Per- or polyfluoroalkyl substances are defined as fluorinated organic chemicals containing at least one fully fluorinated carbon atom. PFAS-based materials, including fluoropolymers and PFAS coatings, are not permitted for use (except in exempt materials/parts as noted below). If present as an impurity or minor additive in an otherwise non-fluorinated organic material, carbon-bonded fluorine within PFASs in the material must be < 1,000 ppm of the homogeneous material by weight.
2. HFRs: Halogenated flame retardants are defined as any chlorinated or brominated substance added to a material for the purpose of increasing heat/fire resistance or decreasing flammability. In addition to the restrictions on specific HFRs on the RSL, carbon-bonded chlorine and bromine within any flame retardant in the material (intentionally added or present as an impurity) must be < 1,000 ppm of the homogeneous material by weight (except in exempt materials/parts as noted below).
3. OPFRs: Organophosphate ester flame retardants are defined as any organic esters of phosphoric acid, containing either alkyl chains or aryl groups, that are added to a material for the purpose of increasing heat/fire resistance or decreasing flammability. In addition to the restriction(s) on specific OPFRs on the RSL (e.g., TCEP), OPFR content (intentionally added or present as an impurity) must be < 1,000 ppm of the homogeneous material by weight (except in exempt materials/parts as noted below).
4. Halogenated polymers, halogenated organic solvents, and other highly halogenated, carbon-based materials: Any material containing a sum total of 10% or more of carbon-bonded fluorine, chlorine, and/or bromine by weight is considered a highly halogenated carbon-based material and is thus not permitted for use (except in exempt materials/parts as noted below).

### Exemptions

For the Bronze and Silver levels, a homogeneous material may be exempt from meeting this requirement if any of the following conditions are met:

1. It is present at < 1% of the finished product by weight. Materials that are surface coatings applied to foodservice ware or textiles, including apparel, carpets, and furnishings do not qualify for this exemption.
2. It is contained in a part that is < 1% of the finished product by weight.
3. The use of a halogenated organic substance or functionally related chemical of concern in the material is required to meet regulatory requirements (e.g., fire standards). To claim this exemption the following conditions must be met:
  - a. alternative methods of meeting the regulatory requirement must not exist, and
  - b. the applicant must conduct ongoing research into alternative ways of complying with the regulation without the use of the substance or other x-assessed substance.

Exemptions 1 and 2 may be claimed for homogeneous materials that in sum make up no more than 5% by weight of the finished product. No exemptions may be claimed to meet the Gold level requirement.

4.2 Avoidance of Organohalogens and Functionally Related Chemical Classes of Concern

