

SB 54 Plastic Pollution Prevention and Packaging Producer Responsibility Act

Update to Covered Material Categories (CMC)

Released July 1, 2024

Public Resources Code (PRC) Section 42061(a)(1) requires CalRecycle to establish and post a list of material categories covered by [SB 54 \(Allen, Chapter 75, Statutes of 2022\)](#) (called “covered material categories”) by July 1, 2024. As defined in PRC 42041(f), covered material categories (CMCs) are categories that include covered material of a similar type and form, as determined by the department.

CMCs were previously published on December 28th, 2023, pursuant to PRC 42061(c) and (d), which require CalRecycle to identify categories that contain recyclable or compostable materials. This document provides an update of covered material categories. However, it does not include an update to determinations of recyclability or compostability by CMC. CalRecycle will update the recyclability and compostability determinations annually (starting January 1, 2025), to meet requirements of PRC 42061(e).

The table below is an updated list of covered material categories. The list includes 94 CMCs. A list of changes that have been made since the prior publication is provided at the end of the document.

Each covered material category identifies a combination of material type and form that describes covered materials. The categories are intended to apply to each detachable component of covered material individually. For items composed of multiple materials, “Material Class” and “Material Type” refer to the material constituting the greatest percentage of an item’s weight. Forms indicating “with a plastic component” refer to items that contain plastic but for which plastic is not the material constituting the greatest percentage of the item’s weight.

The first through fourth columns of the table describe the covered material in each category.

- The **first column** of the table lists a category identification code (category ID) for each covered material category.
 - Each category ID starts with a number that references the year of publication of the list. For example, the “24” in category “24_M1N” refers to the July 1, 2024 update.
 - Each category ID has one or two letters that indicate the Material Class of the covered material category:
 - G = Glass
 - C = Ceramic
 - M = Metal
 - PF = Paper and Fiber

- P = Plastic
 - WO = Wood and Other Organics
- Category IDs ending with “N,” indicate the category is for material **without** a plastic component.
- Category IDs ending with “P,” indicate the category is for material **with** a plastic component.
- An asterisk (*) indicates the category has changed since the last published list of CMCs ([December 28, 2023 publication](#)). All changes are listed by category ID at the end of this document.
- Note: When a CMC changes it is assigned a new category ID, and its previous category ID is retired. As a result, the category IDs may not be in numerical order.
- The **second column** describes the Material Class.
- The **third column** describes the Material Type.
- The **fourth column** describes the Form of the covered materials included in that covered material category, including whether that covered material includes a plastic component.

For more information about SB 54, including the latest information on the development of regulations, visit the [SB 54 webpage](#) and sign up for the SB 54 [listserv](#), which will keep you updated on any new information regarding SB 54 progress.

Abbreviations and Acronym List

- CalRecycle: California Department of Resources Recycling and Recovery
- CMC: Covered Material Category
- HDPE: High-Density Polyethylene
- LDPE: Low-Density Polyethylene
- OCC: Old Corrugated Cardboard
- PET: Polyethylene Terephthalate
- PP: Polypropylene
- PRC: Public Resources Code (California Statute)
- PS: Polystyrene
- PVC: Polyvinyl Chloride

Covered Material Categories (as updated July 1, 2024)

Category ID	Material Class	Material Type	Form
24_G1N*	Glass	Glass	Bottles and Jars w/o plastic component
24_G1P*	Glass	Glass	Bottle and Jars w/ plastic component
24_G2N*	Glass	Glass	Other Forms w/o plastic component

An asterisk (*) indicates the category has changed since the last published list of CMCs.

Category ID	Material Class	Material Type	Form
24_G2P*	Glass	Glass	Other Forms w/ plastic component
24_G3N*	Glass	Glass	Small - Two or more sides measuring 2" or less w/o plastic component
24_G3P*	Glass	Glass	Small - Two or more sides measuring 2" or less w/ plastic component
24_C1N*	Ceramic	Ceramic	All Forms w/o plastic component
24_C1P*	Ceramic	Ceramic	All Forms w/ plastic component
24_C2N*	Ceramic	Ceramic	Small - Two or more sides measuring 2" or less w/o plastic component
24_C2P*	Ceramic	Ceramic	Small - Two or more sides measuring 2" or less w/ plastic component
24_M1N	Metal	Aluminum	Non-aerosol container w/o plastic component
24_M1P	Metal	Aluminum	Non-aerosol container w/ plastic component
24_M2N	Metal	Aluminum	Foil sheets w/o a plastic component
24_M2P	Metal	Aluminum	Foil sheets w/ a plastic component
24_M3N	Metal	Aluminum	Foil Molded Containers w/o plastic component
24_M3P	Metal	Aluminum	Foil Molded Containers w/ plastic component
24_M4P	Metal	Aluminum	Aerosol can w/ plastic component
24_M5N	Metal	Aluminum	Other Forms w/o plastic component
24_M5P	Metal	Aluminum	Other Forms w/ plastic component

An asterisk (*) indicates the category has changed since the last published list of CMCs.

Category ID	Material Class	Material Type	Form
24_M6N	Metal	Tin/Steel/Bimetal	Non-aerosol container w/o plastic component
24_M6P	Metal	Tin/Steel/Bimetal	Non-aerosol container w/ plastic component
24_M7P	Metal	Tin/Steel/Bimetal	Aerosol can w/ plastic component
24_M8N	Metal	Tin/Steel/Bimetal	Other Forms w/o plastic component
24_M8P	Metal	Tin/Steel/Bimetal	Other Forms w/ plastic component
24_M9N	Metal	Other Nonferrous	All Forms w/o plastic component
24_M9P	Metal	Other Nonferrous	All Forms w/ plastic component
24_M10N	Metal	Other Ferrous	All Forms w/o plastic component
24_M10P	Metal	Other Ferrous	All Forms w/ plastic component
24_M12N*	Metal	Metal	Small - Two or more sides measuring 2" or less w/o plastic component
24_M12P*	Metal	Metal	Small - Two or more sides measuring 2" or less w/ plastic component
24_PF1N	Paper and Fiber	Kraft Paper	All Forms w/o plastic component
24_PF1P	Paper and Fiber	Kraft Paper	All Forms w/ plastic component
24_PF14P*	Paper and Fiber	Molded Fiber	All Forms w/ plastic component
24_PF14N*	Paper and Fiber	Molded Fiber	All Forms w/o plastic component
24_PF15P*	Paper and Fiber	Multi-Material Laminate	Aseptic Cartons

An asterisk (*) indicates the category has changed since the last published list of CMCs.

Category ID	Material Class	Material Type	Form
24_Pf5P	Paper and Fiber	Multi-Material Laminate	Gable-top Cartons
24_Pf7P	Paper and Fiber	Multi-Material Laminate	Other Forms w/ plastic component
24_Pf8N	Paper and Fiber	OCC	Waxed Cardboard w/o plastic component
24_Pf8P	Paper and Fiber	OCC	Waxed Cardboard w/ plastic component
24_Pf9N	Paper and Fiber	OCC	Cardboard w/o plastic component
24_Pf9P	Paper and Fiber	OCC	Cardboard w/ plastic component
24_Pf10N	Paper and Fiber	Paperboard	All Forms w/o plastic component
24_Pf10P	Paper and Fiber	Paperboard	All Forms w/ plastic component
24_Pf11N	Paper and Fiber	White Paper	All Forms w/o plastic component
24_Pf11P	Paper and Fiber	White Paper	All Forms w/ plastic component
24_Pf12N	Paper and Fiber	Other/Mixed Paper	All Forms w/o plastic component
24_Pf12P	Paper and Fiber	Other/Mixed Paper	All Forms w/ plastic component
24_Pf16N*	Paper and Fiber	Paper and Fiber	Small – Two or more sides measuring 2” or less w/o plastic component
24_Pf16P*	Paper and Fiber	Paper and Fiber	Small – Two or more sides measuring 2” or less w/ plastic component
24_P1P	Plastic	PET (#1)	Bottles, Jugs, and Jars (Clear/Natural)
24_P2P	Plastic	PET (#1)	Bottles, Jugs, and Jars (Pigmented/Color)

An asterisk (*) indicates the category has changed since the last published list of CMCs.

Category ID	Material Class	Material Type	Form
24_P38P*	Plastic	PET (#1)	Other Rigid Containers, Cups, Lids, Plates, Trays, Tubs
24_P39P*	Plastic	PET (#1)	Other Rigid Items
24_P5P	Plastic	PET (#1)	Flexible and Film Items
24_P6P	Plastic	HDPE (#2)	Bottles, Jugs and Jars (Clear/Natural)
24_P7P	Plastic	HDPE (#2)	Bottles, Jugs and Jars (Pigmented/Color)
24_P8P	Plastic	HDPE (#2)	Pails & Buckets
24_P40P*	Plastic	HDPE (#2)	Other Rigid Items
24_P10P	Plastic	HDPE (#2)	Flexible and Film Items
24_P11P	Plastic	PVC (#3)	Rigid Items
24_P12P	Plastic	PVC (#3)	Flexible and Film Items
24_P13P	Plastic	LDPE (#4)	Bottles, Jugs and Jars
24_P14P	Plastic	LDPE (#4)	Other Rigid Items
24_P15P	Plastic	LDPE (#4)	Clear Non-Bag Film
24_P16P	Plastic	LDPE (#4)	Other Flexible and Film Items
24_P17P	Plastic	PP (#5)	Bottles, Jugs and Jars
24_P41P*	Plastic	PP (#5)	Other Rigid Containers, Cups, Lids, Plates, Trays, Tubs
24_P19P	Plastic	PP (#5)	Utensils

An asterisk (*) indicates the category has changed since the last published list of CMCs.

Category ID	Material Class	Material Type	Form
24_P20P	Plastic	PP (#5)	Other Rigid Items
24_P21P	Plastic	PP (#5)	Clear Non-Bag Film
24_P22P	Plastic	PP (#5)	Other Flexible and Film Items
24_P23P	Plastic	PS (#6)	Expanded/Foamed Hinged Containers, Plates, Cups, Tubs, Trays, and Other Foamed Containers
24_P42P*	Plastic	PS (#6)	Other Expanded/Foamed Forms
24_P27P	Plastic	PS (#6)	Utensils
24_P43P*	Plastic	PS (#6)	Solid Hinged Containers, Plates, Cups, Tubs, Trays, and Other Solid Forms
24_P29P	Plastic	PS (#6)	Flexible and Film Items
24_P44P*	Plastic	Plastics and Polymers Designed for Compostability	Rigid Items
24_P45P*	Plastic	Plastics and Polymers Designed for Compostability	Flexible and Film Items
24_P46P*	Plastic	Multi-Material Laminate	Pouches and Envelopes
24_P33P	Plastic	Multi-Material Laminate	Other Forms
24_P34P	Plastic	Other/Mixed Plastics	Textiles
24_P35P	Plastic	Other/Mixed Plastics	Rigid Items

An asterisk (*) indicates the category has changed since the last published list of CMCs.

Category ID	Material Class	Material Type	Form
24_P36P	Plastic	Other/Mixed Plastics	Flexible and Film Items
24_P47P*	Plastic	Plastic	Small - Two or more sides measuring 2" or less
24_WO1N	Wood and Other Organic Materials	Wood	All Untreated Forms w/o plastic component
24_WO1P	Wood and Other Organic Materials	Wood	All Untreated Forms w/ plastic component
24_WO2N	Wood and Other Organic Materials	Wood	All Treated or Painted Forms w/o plastic component
24_WO2P	Wood and Other Organic Materials	Wood	All Treated or Painted Forms w/ plastic component
24_WO3N	Wood and Other Organic Materials	Other/Mixed Organic	Textiles w/o plastic component
24_WO3P	Wood and Other Organic Materials	Other/Mixed Organic	Textiles w/ plastic component
24_WO4N	Wood and Other Organic Materials	Other/Mixed Organic	Other Forms w/o plastic component
24_WO4P	Wood and Other Organic Materials	Other/Mixed Organic	Other Forms w/ plastic component
24_WO6N*	Wood and Other Organic Materials	Wood and Other Organic Materials	Small - Two or more sides measuring 2" or less w/o plastic component
24_WO6P*	Wood and Other Organic Materials	Wood and Other Organic Materials	Small - Two or more sides measuring 2" or less w/ plastic component

An asterisk (*) indicates the category has changed since the last published list of CMCs.

Changes since December 2023 published CMC list:

Each CMC that was updated as part of this July 1, 2024 publication is listed below. The changes listed below are organized by Category ID, in the numerical order they appear in the table above. The primary bullet point lists the new CMC starting with Category ID followed by the new Material Class / Material Type / Form. The sub-bullet under each primary bullet provides a description of the change, including a description of the old (December 2023) CMC arranged by Category ID Material Class / Material Type / Form.

- 24_G1N* Glass / Glass / Bottles and Jars w/o plastic component
 - Replaced GC1N Glass and Ceramic / Glass / Bottles and Jars w/o plastic component
- 24_G1P* Glass / Glass / Bottles and Jars w/ plastic component
 - Replaced GC1P Glass and Ceramic / Glass / Bottles and Jars w/ plastic component
- 24_G2N* Glass / Glass / Other Forms w/o plastic component
 - Replaced GC2N Glass and Ceramic / Glass / Other Forms w/o plastic component
- 24_G2P* Glass / Glass / Other Forms w/ plastic component
 - Replaced GC2P Glass and Ceramic / Glass / Other Forms w/ plastic component
- 24_G3N* Glass / Glass / Small – Two or more sides measuring 2” or less w/o plastic component
 - Replaced GC3N Glass and Ceramic / Glass / Small – No side greater than 2” w/o plastic component
- 24_G3P* Glass / Glass / Small – Two or more sides measuring 2” or less w/ plastic component
 - Replaced GC3P Glass and Ceramic / Glass / Small – No side greater than 2” w/ plastic component
- 24_C1N* Ceramic / Ceramic / All Forms w/o plastic component
 - Replaced GC4N Glass and Ceramic / Ceramic / All Forms w/o plastic component
- 24_C1P* Ceramic / Ceramic / All Forms w/ plastic component
 - Replaced GC4P Glass and Ceramic / Ceramic / All Forms w/ plastic component
- 24_C2N* Ceramic / Ceramic / Small – Two or more sides measuring 2” or less w/o plastic component
 - Replaced GC5N Glass and Ceramic / Ceramic / Small – No side greater than 2” w/o plastic component
- 24_C2P* Ceramic / Ceramic / Small – Two or more sides measuring 2” or less w/ plastic component
 - Replaced GC5P Glass and Ceramic / Ceramic / Small – No side greater than 2” w/ plastic component

An asterisk (*) indicates the category has changed since the last published list of CMCs.

- 24_M12N* Metal / Metal / Small – Two or more sides measuring 2” or less w/o plastic component
 - Replaced M11N Metal / Metal / Small – No side greater than 2” w/o plastic component
- 24_M12P* Metal / Metal / Small – Two or more sides measuring 2” or less w/ plastic component
 - Replaced M11P Metal / Metal / Small – No side greater than 2” w/ plastic component
- 24_PF14P* Paper and Fiber / Molded Fiber / All Forms w/ plastic component
 - Replaced PF2P Paper and Fiber / Molded Fiber / All Forms of Food Service Ware w/ plastic component; and PF3P Paper and Fiber / Molded Fiber / All Forms of Packaging w/ plastic component
- 24_PF14N* Paper and Fiber / Molded Fiber / All Forms w/o plastic component
 - Replaced PF3N Paper and Fiber / Molded Fiber / All Forms of Packaging w/o plastic component
- 24_PF15P* Paper and Fiber / Multi-Material Laminate / Aseptic Cartons
 - Replaced PF4P Paper and Fiber / Multi-Material Laminate / Aseptic Containers
- 24_PF1P, 24_PF7P, 24_PF10P, 24_PF11P, 24_PF12P, 24_PF14P (Various CMCs with a plastic component in the Paper and Fiber material class)
 - *Removed* PF6P Paper and Fiber / Multi-Material Laminate / Poly-coated food service ware
 - Material within PF6P was identified as duplicative with material in other CMCs in the Paper and Fiber material class.
- 24_PF16N* Paper and Fiber / Paper and Fiber / Small – Two or more sides measuring 2” or less w/o plastic component
 - Replaced PF13N Paper and Fiber / Paper and Fiber / Small – No side greater than 2” w/o plastic component
- 24_PF16P* Paper and Fiber / Paper and Fiber / Small – Two or more sides measuring 2” or less w/ plastic component
 - Replaced PF13P Paper and Fiber / Paper and Fiber / Small – No side greater than 2”
- 24_P38P* Plastic / PET (#1) / Other Rigid Containers, Cups, Lids, Plates, Trays, Tubs
 - Replaced P3P Plastic / PET (#1) / Thermoformed Containers, Cups, Lids, Plates, Trays, Tubs
- 24_P39P* Plastic / PET (#1) / Other Rigid Items
 - Replaced P4P Plastic / PET (#1) / Other Rigid Items (including containers)
- 24_P40P* Plastic / HDPE (#2) / Other Rigid Items
 - Replaced P9P Plastic / HDPE (#2) / Other Rigid Items (including containers)

An asterisk (*) indicates the category has changed since the last published list of CMCs.

- 24_P41P* Plastic / PP (#5) / Other Rigid Containers, Cups, Lids, Plates, Trays, Tubs
 - Replaced P18P Plastic / PP (#5) / Thermoformed Containers, Cups, Lids, Plates, Trays, Tubs
- 24_P42P* Plastic / PS #6 / Other Expanded/Foamed Forms
 - Replaced P24P Plastic / PS (#6) / Expanded/Foamed Cushioning and Void Fill; and P25P Plastic / PS #6 / Other Expanded/Foamed Forms
 -
- 24_P43P* Plastic / PS (#6) / Solid Hinged Containers, Plates, Cups, Tubs, Trays, and Other Solid Forms
 - Replaced P26P Plastic / PS (#6) / Solid Hinged Containers, Plates, Cups, Tubs, Trays, and Other Solid Containers; and P28P Plastic / PS (#6) / Other Solid Forms
- 24_P44P* Plastic / Plastics and Polymers Designed for Compostability / Rigid Items
 - Replaced P30P Plastic / Plastics and Polymers Designed for Potential Compostability / Rigid Items
- 24_P45P* Plastic / Plastics and Polymers Designed for Compostability / Flexible and Film Items
 - Replaced P31P / Plastic / Plastics and Polymers Designed for Potential Compostability / Flexible and Film Items
- 24_P46P* Plastic / Multi-Material Laminate / Pouches and Envelopes
 - Replaced P32P Plastic / Multi-Material Laminate / Mailing Pouches & Shipping Envelopes
- 24_P47P* Plastic / Plastic / Small – Two or more sides measuring 2” or less
 - Replaced P37P Plastic / Plastic / Small – No side greater than 2”
- 24_WO6N* Wood and Other Organic Materials / Wood and Other Organic Materials / Small – Two or more sides measuring 2” or less w/o plastic component
 - Replaced WO5N Wood and Other Organic Materials / Wood and Other Organic Materials / Small – No side greater than 2” w/o plastic component
- 24_WO6P* Wood and Other Organic Materials / Wood and Other Organic Materials / Small – Two or more sides measuring 2” or less w/ plastic component
 - Replaced WO5P Wood and Other Organic Materials / Wood and Other Organic Materials / Small – No side greater than 2” w/ plastic component

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