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**Crosswalk of harmonized U.S. - Canada Industrial Function and Consumer and
Commercial Product Categories with EU Chemical Product and Article Categories**

**Series on Testing and Assessment
No. 167**

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OECD Environment, Health and Safety Publications

Series on Testing and Assessment

No. 167

**Crosswalk of harmonized U.S. - Canada Industrial Function
and Consumer and Commercial Product Categories with EU
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IOMC

INTER-ORGANIZATION PROGRAMME FOR THE SOUND MANAGEMENT OF CHEMICALS

A cooperative agreement among **FAO, ILO, UNDP, UNEP, UNIDO, UNITAR, WHO, World Bank and OECD**

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Paris 2012

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FOREWORD

This document outlines a crosswalk between the function and product categorization of chemicals used by the United States and Canada with the function, product and article categories used in the European Union in the context of the implementation of the REACH regulation. The purpose of the crosswalk is to identify the categories which are common to both sets of codes and to note the categories that are contained in one but not both listings of categories for chemical inventory reporting.

It has been developed by the Task Force on Exposure Assessment under the leadership of the United States. It was reviewed and approved at the 3rd meeting of the Task Force on Exposure Assessment in October 2011. The Joint Meeting declassified the document in 20th February 2012.

This document is published on the responsibility of the Joint Meeting of the Chemicals Committee and the Working Party on Chemicals, Pesticides and Biotechnology of the OECD.

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BACKGROUND AND SCOPE OF THIS DOCUMENT

A system for describing the uses of chemicals is an essential element in assessing exposure to those chemicals during their manufacture, processing, and use. The United States Environmental Protection Agency (US EPA), Health Canada, and Environment Canada have jointly developed harmonized categories for reporting 1) industrial functions of chemicals and 2) consumer and commercial products containing chemical substances. Objectives of the harmonization were to facilitate the exchange of information between the United States and Canada and to encourage consistency in reporting of chemical information by industry. The codes and their development are further described below and in US EPA, Health Canada, and Environment Canada (2009).

The harmonized list of industrial functions created by the United States and Canadian Agencies links the industrial function of a chemical to an emission scenario document which contains algorithms for estimating exposure and release to the environment during manufacture, processing, and industrial use of a chemical substance. The harmonized list of consumer and commercial product codes created by the United States and Canadian Agencies links the identity of a product category to exposures and releases that are reasonably likely to occur during consumer or commercial use of a chemical. The harmonized codes were developed with the intent to improve exposure characterization, minimize overlap between the codes, and ensure clear distinction between the two lists of codes.

The final lists of harmonized codes consist of thirty-five (35) harmonized industrial function codes and thirty-two (32) harmonized consumer and commercial product codes. Each code is accompanied by a description of the types of chemicals that should be reported under that code; the descriptors are intended to provide clarity in selection of a code for reporting the function or use of a chemical substance thereby minimizing overlap and improving accuracy in chemical inventory reporting. In addition, several unique codes were created for the United States and for Canada to accommodate differences in statutory authority in the two nations. While the codes were developed with the intention of providing a submitter with a clear selection, one code, "Other," was reserved for reporting chemicals that the person submitting the report cannot describe using any of the descriptive codes.

In May 2010, The European Chemicals Agency (ECHA) published an updated Guidance with a list of codes for the description of use pattern of chemicals for supporting the implementation of REACH in the European Union. . Some of the codes can also be used as input parameters for Tier 1 exposure estimation tools. The system is meant to support industry in communicating about uses up and down the supply chain and to describe the identified uses in the registration dossier for a substance. The use descriptor system is based on the following elements:

- The uses of a substance are to be differentiated as to whether a use takes place i) at industrial sites, ii) or widespread in commercial context (e.g. private services, public services, micro-sites) or iii) by consumers.
- A list of Product Categories including forty-two (42) entries enables the description in which types of chemical products for final use (end-use)¹ (e.g. coatings, cleaners, lubricants) a substance is contained. The end-use of substances in chemical products is systematically distinguished from the technical function of a substance as such. The list of Functional Categories consists of fifty entries (50). The Functional Categories reflect what a substance technically does (e.g. stabilizing, preventing ignition, coloring)².
- A single list of eighteen (18) article categories (AC) enables the description into which types of articles the substance is finally processed (if relevant).
- The ECHA reporting scheme also contains a separate descriptor for the *sector of use* for differentiation of industrial and other professional/commercial end-uses (if needed)
- In addition, the descriptor system includes: i) a list of twenty-eight (28) Process Categories (PROC), applied to uses by workers and reflecting the nature of the technical process (by exposure potential) at work-places, and ii) a list of twenty-four (24) Environmental Release Categories ERCs, applied to all uses and reflecting the potential release-pattern to the environment.

Details concerning the harmonized codes jointly developed by the United States and Canada and the categories published by ECHA can be found in the references listed at the end of this document.

This document was created to crosswalk the categorization of chemicals used by the United States and Canada with the function, product and article categories used under the REACH system. The purpose of the crosswalk is to identify the categories which are common to both sets of codes and to note the categories that are contained in one but not both listings of categories for chemical inventory reporting. For each of the categories, the corresponding categories in the alternate system were identified. The categories listed in the tables which follow are those which existed on the date of this document.

¹ Under the REACH Regulation the term “use” is limited to activities of workers (or other professionals) or consumers with a substance as such or in a mixture. Activities with articles containing the substance (e.g. using floorings, furniture, textiles, papers, construction elements) are considered as “subsequent life cycle stage” and have to be covered in the exposure assessment as well. The users of substances in articles usually do not have obligations under REACH, unless the substance is considered to be of very high concern.

² Under REACH this distinction is made for two reasons: Compared to functional categories, the end-uses of the substance are more closely related to exposure patterns (and hence can be better linked to the exposure scenarios required under REACH). Also, the broad categorization of end-uses is thought to lower confidentiality barriers in communication of the uses of a chemical up and down the supply chain. In fact, inventing new functions of a substance is an essential part of innovation processes and may therefore be seen as CBI.

Table 1 lists the 36 harmonized United States - Canada categories for chemical inventory reporting of the industrial function of chemical substances. Associated with each category is a code consisting of the letter “U” with a three-digit numerical suffix identifying the industrial function. For each of the harmonized categories, one or more ECHA chemical product categories or functional categories³ were identified that would correspond to similar industrial functions of the chemical, including several which would be reported as “other.”

Table 2 lists the 40 harmonized United States - Canada categories for end-use consumer and commercial products containing a chemical. Associated with each category is a code consisting of the letter “C” with a three-digit numerical suffix. The first digit of the suffix designates a group encompassing uses in similar settings and the remaining two digits designate the product category within the group. For 35 of the 40 harmonized United States - Canada categories, one or more ECHA chemical product categories were identified that would correspond to similar commercial or consumer end-uses of formulations mixtures, or articles containing the chemical. For the remaining 5 harmonized commercial and consumer product codes, no ECHA equivalent was identified.

Table 3 lists the 39 ECHA chemical product categories for classification of the end-uses of chemicals. Associated with each category is a code consisting of letters “PC” and a one or two digit numerical suffix. The harmonized United States - Canada categories which are equivalent to the ECHA category are listed to the right of the ECHA category. These categories may correspond to United States - Canada harmonized categories for either the industrial function of the chemical or the consumer and commercial end-uses of products containing the chemical. Equivalent categories were identified for 38 of the 39 ECHA chemical product categories including six which would be reported under “other.”

Table 4 lists the 18 ECHA categories for reporting articles containing specific substances. Associated with each category are a code consisting of the letters “AC” and a one or two digit numerical suffix. The harmonized United States - Canada categories which would be used to report the same substances are listed to the right of the ECHA category. All of the ECHA article categories correspond to one or more United States - Canada Harmonized categories for the consumer and commercial use of the substance.

³ For the ECHA functional categories, no codes have yet been assigned, and hence no codes are included in the list.

Table 1. United States - Canada Harmonized Industrial Function Categories with corresponding ECHA Functional Categories and Chemical Product Categories (PC)

U.S./Canada Code	U.S. - Canada Industrial Function Category	ECHA Functional Category (for substances)	ECHA Product Code	ECHA Chemical Product Category
U001	Abrasives	Other (specify)	PC0	Other (specify)
U002	Adhesives and sealant chemicals	<i>Not applicable</i>	PC1	Adhesives, sealants
U003	Adsorbents and absorbents	Adsorbents	PC2	Adsorbents
U004	Agricultural chemicals (non-pesticidal)	Fertilizers	PC12	Fertilizers
U005	Anti-adhesive agents	Anti-set off and adhesive agent	PC24	Lubricants, greases release products
U006	Bleaching agents	Bleaching agents	PC26 PC34	Paper and board dye, finishing and impregnation agents products including bleaches and other processing aids Textile dyes, finishing and impregnating products including bleaches and other processing aids
U007	Corrosion inhibitors and anti-scaling agents	Corrosion inhibitors and anti-scaling agents		<i>not applicable</i>
U008	Dyes	Colouring agents, dyes	PC23 PC26 PC34	<i>For example contained in:</i> Leather tanning dye, finishing, impregnation and care products Paper and board dye, finishing and impregnation products; including bleaches and other processing aids Textile dyes, finishes and impregnation products; including bleaches and other processing aids
U009	Fillers	Fillers	PC9b	Fillers, putties, plasters, modeling clay

U.S./ Canada Code	U.S. - Canada Industrial Function Category	ECHA Functional Category (for substances)	ECHA Product Code	ECHA Chemical Product Category
U010	Finishing agents	Other	PC23 PC26 PC34	<i>For example contained in:</i> Leather tanning, dye, finishing, impregnation and care products Paper and board dyes, finishing and impregnation... Textile dyes, finishing and impregnation products; including bleaches and other processing aids
U011	Flame retardants	Flame retardants	PC32 PC34	<i>For example contained in:</i> Polymer preparations and compounds Textile dyes, finishing and impregnation products: including bleaches and other processing aids
U012	Fuels and fuel additives	Fuels and fuel additives	PC13	Fuels
U013	Functional fluids (closed systems)	<i>Not applicable⁴</i>	PC16 PC17	Heat transfer fluids Hydraulic fluids
U014	Functional fluids (open systems)	<i>Not applicable</i>	PC4 PC25	Anti-freeze and de-icing products Metal working fluids
U015	Intermediates	Intermediates	PC19	Intermediate
U016	Ion exchange agents	Other	PC36 PC40	Water softeners Extraction agents
U017	Lubricants and lubricant additives	Lubricants and lubricant additives	PC24	Lubricants, greases, release products
U018	Odor agents	Odor agents	PC3 PC28	Air care products Perfumes, fragrances
U019	Oxidizing/reducing agents	Oxidizing agents Reducing agents	PC11 PC37	Explosives Water treatment chemicals
U020	Photosensitive chemicals	Photosensitive agents and other chemicals	PC30	Photo-chemicals

⁴ No specific technical substance function.

U.S./ Canada Code	U.S. - Canada Industrial Function Category	ECHA Functional Category (for substances)	ECHA Product Code	ECHA Chemical Product Category
U021	Pigments	Colouring agents, pigments	PC9a PC9c PC18 PC26 PC32	<i>For example contained in:</i> Coatings and paints, thinners, paint removers Finger paints Ink and toners Paper and board dye, finishing, impregnation products: including bleaches and other processing aids Polymer preparations and compounds
U022	Plasticizers	Softeners	PC1 PC9a PC18 PC32	<i>For example contained in:</i> Adhesives and sealants Coatings and paints, thinners, paint removers Ink and toners Polymer preparations and compounds
U023	Plating agents and surface treating agents	Plating agents and surface treating agents	PC14 PC15	Metal surface treatment products, including galvanic and electroplating products Non-metal surface treatment products
U024	Process regulators	Process regulators -Vulcanization or polymerization - other	PC0	<i>Not applicable</i> ⁵
U025	Processing aids, specific to petroleum production	Other	PC0 PC40	Other (Specify) Extraction agents

⁵ Substance function in a product or process rather than a chemical product for end-use. May be contained in a high number of different chemical products

U.S./ Canada Code	U.S. - Canada Industrial Function Category	ECHA Functional Category (for substances)	ECHA Product Code	ECHA Chemical Product Category
U026	Processing aids, not otherwise listed	Processing aids, not otherwise listed	PC20 PC23 PC26 PC34	<i>For example contained in:</i> Products such as pH-regulators, flocclulants, precipitants, neutralization agents Leather tanning, dye, finishing, impregnation and care products Paper and board dye, finishing and impregnation products: including bleaches and other processing aids Textile dyes, finishing and impregnating products; including bleaches and other processing aids
U027	Propellants and blowing agents	Aerosol propellants	PC3	Air care products
U028	Solids separation agents	Other	PC20 PC37 PC40	<i>For example contained in:</i> Products such as pH-regulators, flocclulants, precipitants, neutralization agents Water treatment chemicals Extraction agents
U029	Solvents (for cleaning or degreasing)	Solvents	PC35	Washing and cleaning products (including solvent based products)
U030	Solvents (which become part of product formulation or mixture)	Solvents	PC1 PC8 PC9a PC9c PC18	<i>For example contained in:</i> Adhesives and sealants Biocidal products (e.g. disinfectants, pest control) Coatings and paints, thinners, paint removers Finger paints Ink and toners
U031	Surface active agents	Surface active agents	PC31 PC35 PC39	<i>For example contained in:</i> Polishes and wax blends Washing and cleaning products (including solvent based products) Cosmetics, personal care products

U.S./ Canada Code	U.S. - Canada Industrial Function Category	ECHA Functional Category (for substances)	ECHA Product Code	ECHA Chemical Product Category
U032	Viscosity adjustors	Viscosity adjustor	PC0	<i>Not applicable</i>
U033	Laboratory chemicals	Laboratory chemicals	PC21	Laboratory chemicals
U034	Paint additives and coating additives not described by other codes	Other	PC9a	Coatings and paints, thinners, paint removers
U061	Pest control chemicals (Canada use only)	Biocide substance Plant protection active substance	PC8 PC27	Biocidal products (e.g. disinfectants, pest control) Plant protection products
U999	Other (specify)	Other (specify)	PC0 PC29 PC33	Other (specify) Pharmaceuticals Semiconductors

Table 2. United States - Canada Harmonized Consumer and Commercial Product Codes with corresponding ECHA Chemical Product (PC) and Article (AC) Categories

U.S. - Canada Code	U.S. - Canada Consumer and Commercial Product Category	ECHA Code	ECHA Chemical Product Category or Article Category
C101	Floor coverings	AC5 AC10 AC11	Fabrics, textiles, and apparel Rubber articles Wood articles
C102	Foam seating and bedding products	AC1	Vehicles
C103	Furniture and furnishings not covered elsewhere	AC5 AC6 AC7 AC11 AC13	Fabrics, textiles, and apparel Leather articles Metal articles Wood articles Furniture
C104	Fabric, textile, and leather products not covered elsewhere	AC5 AC6 AC31	Fabrics, textiles, and apparel Leather articles Scented clothes
C105	Cleaning and furnishing care products	PC31 PC35	Polishes and wax blends Washing and cleaning products (including solvent based products)
C106	Laundry and dishwashing products	PC35	Washing and cleaning products (including solvent based products)
C107	Water treatment products	PC20 PC36 PC37	Products such as pH-regulators, flocculants, precipitants, neutralization agents Water softeners Water treatment chemicals
C108	Personal care products	PC39	Cosmetics, personal care products
C109	Air care products	PC3 PC28 AC30	Air care products Perfumes, fragrances Other articles with intended release of substances
C110	Apparel and footwear care products	PC31	Polishes and wax blends
C160	Pet care products (Canada only)	PC29	Pharmaceuticals
C201	Adhesives and sealants	PC1	Adhesives, sealants

U.S. - Canada Code	U.S. - Canada Consumer and Commercial Product Category	ECHA Code	ECHA Chemical Product Category or Article Category
C202	Paints and coatings	PC9a	Coatings and paints, thinners, paint removers
C203	Building/construction materials – wood and engineered wood products	AC11	Wood articles
C204	Building/construction materials not covered elsewhere	AC4 AC7	Stone, plaster, cement, glass, and ceramic articles Metal articles
C205	Electrical and electronic products	PC33 AC2 AC3	Semiconductors Machinery, mechanical appliances, electrical/electronic articles Electrical batteries and accumulators
C206	Metal products not covered elsewhere	AC1 AC2 PC7 AC2 AC7	Vehicles Machinery, mechanical appliances, electrical/electronic articles Base metals and alloys Machinery, mechanical appliances, electric/electronic articles Metal articles
C207	Batteries	AC3	Electrical batteries and accumulators
C301	Food packaging	AC8 AC13	Paper articles Plastic articles
C302	Paper products	AC8 AC35 AC38	Paper articles Scented paper articles Packaging material for metal parts, releasing grease/corrosion inhibitors
C303	Plastic and rubber products not covered elsewhere	PC32 AC10 AC13 AC32 AC36	Polymer preparations and compounds Rubber articles Plastic articles Scented eraser Scented CD

U.S. - Canada Code	U.S. - Canada Consumer and Commercial Product Category	ECHA Code	ECHA Chemical Product Category or Article Category
C304	Toys, playground, and sporting equipment	AC7 AC8 AC10 AC11 AC13 AC32 AC34	Metal articles Paper articles Rubber articles Wood articles Plastic articles Scented eraser Scented toys
C305	Arts, crafts and hobby materials	PC9b PC9c AC11 AC13 AC32 AC34	Fillers, putties Finger paints Wood articles Plastic articles Scented eraser Scented toys
C306	Ink, toner and colorants products	PC18	Ink and toners
C307	Photographic supplies, film and photo-chemicals	PC30	Photo-chemicals
C401	Automotive care products	PC4 PC13 PC 24 AC1	Anti-freeze and de-icing products Fuels Lubricants, greases, release products Vehicles
C402	Lubricants and greases	PC24 AC1	Lubricants, greases, release products Vehicles
C403	Anti-freeze and de-icing products	PC4	Anti-freeze and de-icing products
C404	Fuels and related products	PC13	Fuels
C405	Explosive materials	PC11	Explosives
C406	Agricultural products (non-pesticidal)	PC12	Fertilizers
C407	Lawn and garden care products	PC12 PC27	Fertilizers Plant protection products
C461	Pest control products (Canada only)	PC8 PC27	Biocidal products (e.g. disinfectants, pest control) Plant protection products
C562	Food and beverage products (Canada only)	No equivalent	
C563	Drugs (Canada only)	PC29	Pharmaceuticals
C564	Natural health products (Canada only)	No equivalent	

U.S. - Canada Code	U.S. - Canada Consumer and Commercial Product Category	ECHA Code	ECHA Chemical Product Category or Article Category
C565	Medical devices (Canada only)	No equivalent	
C566	Tobacco products (Canada only)	No equivalent	
C980	Non-TSCA use (US only)	No equivalent	
C999	Other (specify)	PC0	Other (specify)

Table 3. ECHA Chemical Product Categories with corresponding United States - Canada Harmonized Industrial Function Codes and Consumer and Commercial Product Codes

ECHA Code	ECHA Chemical Product Category	U.S. - Canada Code	U.S. - Canada Harmonized Category
PC1	Adhesives, sealants	U002 U022 U030 C201	Adhesives and sealant chemicals Plasticizers Solvents (which become part of product formulation or mixture) Adhesives and sealants
PC2	Adsorbents	U003	Adsorbents and absorbents
PC3	Air care products	U018 U027 C109	Odor agents Propellants and blowing agents Air care products
PC4	Anti-freeze and de-icing products	U014 C403	Functional fluids (open systems) Anti-freeze and de-icing products
PC7	Base metals and alloys	C206	Metal products not covered elsewhere
PC8	Biocidal products (e.g. Disinfectants, pest control)	U030 U061 C461	Solvents (which become part of product formulation or mixture) Pest control chemicals (Canada use only) Pest control products (Canada use only)
PC9a	Coatings and paints, thinners, paint removers	U021 U022 U030 U034 C202	Pigments Plasticizers Solvents (which become part of formulation or mixture) Paint additives and coating additives not described by other codes Paints and coatings
PC9b	Fillers, putties	U009 C305	Fillers Arts, crafts, and hobby materials

ECHA Code	ECHA Chemical Product Category	U.S. - Canada Code	U.S. - Canada Harmonized Category
PC9c	Face and finger paints	U021 U030 C305	Pigments Solvents (which become part of formulation or mixture) Arts, crafts, and hobby materials
PC11	Explosives	U019 C405	Oxidizing/reducing agents Explosive materials
PC12	Fertilizers	U004 C406	Agricultural chemicals (non-pesticidal) Agricultural products (non-pesticidal)
PC13	Fuels	U012 C404	Fuels and fuel additives Fuels and related products
PC14	Metal surface treatment products, including galvanic and electroplating products	U023	Plating agents and surface treating agents
PC15	Non-metal surface treatment products	U023	Plating agents and surface treating agents
PC16	Heat transfer fluids	U013	Functional fluids (closed systems)
PC17	Hydraulic fluids	U013	Functional fluids (closed systems)
PC18	Inks and toners	U021 U022 U030 C306	Pigments Plasticizers Solvents (which become part of product formulation or mixture) Ink, toner, and colorant products
PC19	Intermediate	U015	Intermediates
PC20	Products such as pH-regulators, flocculants, precipitants, neutralization agents	U026 U028 C107	Processing aids, not otherwise listed Solids separation agents Water treatment products
PC21	Laboratory chemicals	U033	Laboratory chemicals
PC23	Leather tanning, dye, finishing, impregnation and care products	U008 U010 U026	Dyes Finishing agents Processing aids, not otherwise listed
PC24	Lubricants, greases, release products	U005 U017 C402	Anti-adhesive agents Lubricants and lubricant additives Lubricants and greases

ECHA Code	ECHA Chemical Product Category	U.S. - Canada Code	U.S. - Canada Harmonized Category
PC25	Metal working fluids	U014	Functional fluids (open systems)
PC26	Paper and board dye, finishing and impregnation products including bleaches and other processing aids	U006 U008 U010 U021 U026	Bleaching agents Dyes Finishing agents Pigments Processing aids, not otherwise listed
PC27	Plant protection products	U004 U061 C461	Agricultural chemicals (non-pesticidal) Pest control chemicals (Canada use only) Pest control products (Canada use only)
PC28	Perfumes, fragrances	U018 C109	Odor agents Air care products
PC29	Pharmaceuticals	U999 C160 C563	Other (specify) Pet care products (Canada only) Drugs (Canada use only)
PC30	Photo-chemicals	U020 C307	Photosensitive chemicals Photographic supplies, film and photo-chemicals
PC31	Polishes and wax blends	U031 C105 C110	Surface active agents Cleaning and furnishing care products Apparel and footwear care products
PC32	Polymer preparations and compounds	U011 U021 U022 C303	Flame retardants Pigments Plasticizers Plastic and rubber products not covered elsewhere
PC33	Semiconductors	U999 C205	Other (specify) Electrical and electronic products
PC34	Textile dyes, finishing and impregnating products including bleaches and other processing aids	U006 U008 U010 U011 U026	Bleaching agents Dyes Finishing agents Flame retardants Processing aids, not otherwise listed

ECHA Code	ECHA Chemical Product Category	U.S. - Canada Code	U.S. - Canada Harmonized Category
PC35	Washing and cleaning products (including solvent based products)	U029 U031 C105 C106	Solvents (for cleaning or degreasing) Surface active agents Cleaning and furnishing care products Laundry and dishwashing products
PC36	Water softeners	U016 C107	Ion exchange agents Water treatment products
PC37	Water treatment chemicals	U019 U028 C107	Oxidizing/reducing agents Solids separation agents Water treatment products
PC38	Welding and soldering products (with flux coatings or flux cores), flux products	No equivalent	
PC39	Cosmetics, personal care products	U031 C108	Surface active agents Personal care products
PC40	Extraction agents	U016 U025 U028	Ion-exchange agents Processing aids, specific to petroleum production Solids separation agents
PC0	Other – specify the type of mixture	U001 U007 U024 U025 U027 U032 U999	Abrasives Corrosion inhibitors and anti-scaling agents ⁶ Process regulators ⁶ Processing aids, specific to petroleum production Propellants and blowing agents ⁶ Viscosity adjustors ⁶ Other (specify)

⁶ These categories are available in the ECHA Functional Categories

Table 4. ECHA Article Categories with corresponding U.S. - Canada Harmonized Industrial Function Codes and Consumer and Commercial Product Codes

ECHA Code	ECHA Article Category	U.S. - Canada Code	U.S. - Canada Harmonized Category
AC1	Vehicles	C102 C206 C401 C402	Foam seating and bedding products Metal products not covered elsewhere Automotive care products Lubricants and greases
AC2	Machinery, mechanical appliances, electrical/electronic articles	C205 C206	Electrical and electronic products Metal products not covered elsewhere
AC3	Electrical batteries and accumulators	C205 C207	Electrical and electronic products Batteries
AC4	Stone, plaster, cement, glass, and ceramic articles	U001 C204	Abrasives Building/construction materials not covered elsewhere
AC5	Fabrics, textiles, & apparel	C101 C103 C104	Floor coverings Furniture and furnishings not covered elsewhere Fabric, textile, and leather products not covered elsewhere
AC6	Leather articles	C103 C104	Furniture and furnishings not covered elsewhere Fabric, textile, and leather products not covered elsewhere
AC7	Metal articles	C103 C204 C206 C304	Furniture and furnishings not covered elsewhere Building/construction materials not covered elsewhere Metal products not covered elsewhere Toys, playground, and sporting equipment

ECHA Code	ECHA Article Category	U.S. - Canada Code	U.S. - Canada Harmonized Category
AC8	Paper articles	C301 C302 C304	Food packaging Paper products Toys, playground, and sporting equipment
AC10	Rubber articles	C101 C303 C304	Floor coverings Plastic and rubber products not covered elsewhere Toys, playground, and sporting equipment
AC11	Wood articles	C101 C103 C203 C304 C305	Floor coverings Furniture and furnishings not covered elsewhere Building/construction materials – wood and engineered wood products Toys, playground, and sporting equipment Arts, crafts and hobby materials
AC13	Plastic articles	C103 C301 C303 C304 C305	Furniture and furnishings not covered elsewhere Food packaging Plastic and rubber products not covered elsewhere Toys, sporting, and playground equipment Arts, crafts and hobby materials
AC30	Other articles with intended release of substances	C109	Air care products
AC31	Scented clothes	C104	Fabric, textile, and leather products not covered elsewhere
AC32	Scented eraser	C303 C304 C305	Plastic and rubber products not covered elsewhere Toys, sporting, and playground equipment Arts, crafts and hobby materials
AC34	Scented toys	C304 C305	Toys, playground, and sporting equipment Arts, crafts and hobby materials
AC35	Scented paper articles	C302	Paper products

ECHA Code	ECHA Article Category	U.S. - Canada Code	U.S. - Canada Harmonized Category
AC36	Scented CD	C303	Plastic and rubber products not covered elsewhere
AC38	Packaging material for metal parts, releasing grease/corrosion inhibitors	C302	Paper products

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