

## Section VII

### PLASTICS AND ARTICLES THEREOF; RUBBER AND ARTICLES THEREOF

#### CHAPTER 39

##### Plastics and articles thereof

###### **Primary Rule 1: Chemical Reaction**

A chemical reaction is to be considered as origin conferring when it corresponds to the following definition.

A “chemical reaction” is a process (including a biochemical process) which results in a molecule with a new structure by breaking intramolecular bonds and by forming new intramolecular bonds, or by altering the spatial arrangement of atoms in a molecule.

The following are not considered to be chemical reactions for the purposes of this definition:

- (a) dissolving in water or other solvents;
- (b) the elimination of solvents including solvent water; or
- (c) the addition or elimination of water of crystallization.

This definition comprises all types of polymerization reactions and chemical modification of polymers, including cross-linking by hardener/cross-linking agents and irradiation.

###### **Primary Rule 2: Mixtures and Blends**

The deliberate and proportionally controlled mixing or blending including dispersing of materials other than the addition of diluents only to conform to predetermined specifications which results in the production of a good having physical or chemical characteristics which are relevant to the purposes or uses of the good and are different from the input materials is to be considered as origin conferring.

###### **Primary Rule 3: Purification**

Purification is to be considered as origin conferring provided that one of the following criteria is satisfied:

- (a) purification of a good resulting in the elimination of 80 percent of the content of existing impurities; or
- (b) the reduction or elimination of impurities resulting in a good suitable for one or more of the following applications:
  - (i) pharmaceutical, medical, cosmetic, veterinary or food grade substances;
  - (ii) chemical products and reagents for analytical, diagnostic or laboratory uses;
  - (iii) elements and components for use in micro-electronics;
  - (iv) specialized optical uses;
  - (v) biotechnical use (e.g., in cell culturing, in genetic technology, or as a catalyst);
  - (vi) carriers used in a separation process; or
  - (vii) nuclear grade uses.

#### **Primary Rule 4: Change in particle size**

The deliberate and controlled modification in particle size of a good including micronizing by dissolving a polymer and subsequent precipitation, other than by merely crushing or pressing, resulting in a good having a defined particle size, defined particle size distribution or defined surface area, which are relevant to the purposes of the resulting good and have different physical or chemical characteristics from the input materials is to be considered as origin conferring.

#### **Chapter residual rule:**

Where the country of origin cannot be determined by application of the primary rules and the other Chapter residual rule[s], the country of origin of the goods shall be the country in which the major portion of the materials originated, as determined on the basis of the weight of the materials.

HS 2022 Code	Description of goods	Primary rules
<b>3901</b>	<b>Polymers of ethylene, in primary forms</b>	CTH
<b>3902</b>	<b>Polymers of propylene or of other olefins, in primary forms.</b>	CTH
<b>3903</b>	<b>Polymers of styrene, in primary forms.</b>	CTH
<b>3904</b>	<b>Polymers of vinyl chloride or of other halogenated olefins, in primary forms.</b>	CTH
<b>3905</b>	<b>Polymers of vinyl acetate or of other vinyl esters, in primary forms; other vinyl polymers in primary forms.</b>	CTH
<b>3906</b>	<b>Acrylic polymers in primary forms.</b>	CTH
<b>3907</b>	<b>Polyacetals, other polyethers and epoxide resins, in primary forms; polycarbonates, alkyd resins, polyallyl esters and other polyesters, in primary forms.</b>	CTH
<b>3908</b>	<b>Polyamides in primary forms.</b>	CTH
<b>3909</b>	<b>Amino-resins, phenolic resins and polyurethanes, in primary forms.</b>	CTH
<b>3910</b>	<b>Silicones in primary forms</b>	CTH
<b>3911</b>	<b>Petroleum resins, coumarone-indene resins, polyterpenes, polysulphides, polysulphones and other products specified in Note 3 to this Chapter, not elsewhere specified or included, in primary forms.</b>	CTH
<b>3912</b>	<b>Cellulose and its chemical derivatives, not elsewhere specified or included, in primary forms.</b>	CTH

HS 2022 Code	Description of goods	Primary rules
3913	<b>Natural polymers (for example, alginic acid) and modified natural polymers (for example, hardened proteins, chemical derivatives of natural rubber), not elsewhere specified or included, in primary forms.</b>	CTH
3914	<b>Ion-exchangers based on polymers of headings 3901 to 3913, in primary forms.</b>	CTH
3915	<b>Waste, parings and scrap of plastics.</b>	The origin shall be the country where the waste, parings and scrap of this heading are collected or derived from manufacturing or processing operations or from consumption.
3916	<b>Monofilament of which any cross-sectional dimension exceeds 1 mm, rods, sticks and profile shapes, whether or not surface-worked but not otherwise worked, of plastics.</b>	CTH, or change within this heading to reinforced, laminated or supported material.
3917	<b>Tubes, pipes and hoses, and fittings therefor (for example, joints, elbows, flanges), of plastics.</b>	CTH, or change within this heading to reinforced, laminated or supported material.
3918	<b>Floor coverings of plastics, whether or not self-adhesive, in rolls or in the form of tiles; wall or ceiling coverings of plastics, as defined in Note 9 to this Chapter.</b>	CTH
3919	<b>Self-adhesive plates, sheets, film, foil, tape, strip and other flat shapes, of plastics, whether or not in rolls.</b>	CTH, or change within this heading to reinforced, laminated or supported material.
3920	<b>Other plates, sheets, film, foil and strip, of plastics, non-cellular and not reinforced, laminated, supported or similarly combined with other materials.</b>	CTH, or change within this heading following the vacuum deposition of metal on the surface of plastics.
3921	<b>Other plates, sheets, film, foil and strip, of plastics.</b>	CTH, or change within this heading to reinforced, laminated or supported material, or change within this heading following the vacuum deposition of metal on the surface of plastics.
3922	<b>Baths, shower-baths, wash-basins, bidets, lavatory pans, seats and covers, flushing cisterns and similar sanitary ware, of plastics.</b>	CTH

HS 2022 Code	Description of goods	Primary rules
<b>3923</b>	<b>Articles for the conveyance or packing of goods, of plastics; stoppers, lids, caps and other closures, of plastics.</b>	CTH
<b>3924</b>	<b>Tableware, kitchenware, other household articles and toilet articles, of plastics.</b>	CTH
<b>3925</b>	<b>Builders' ware of plastics, not elsewhere specified or included.</b>	CTH
<b>3926</b>	<b>Other articles of plastics and articles of other materials of headings 3901 to 3914.</b>	<i>As specified for subheadings</i>
3926 10	- Office or school supplies	CTH
3926 20	- Articles of apparel and clothing accessories (including gloves, mittens and mitts)	CTH or change within this subheading following complete making-up
3926 30	- Fittings for furniture, coachwork or the like	CTH
3926 40	- Statuettes and other ornamental articles	CTH
3926 90	- Other	CTH

## CHAPTER 40

### Rubber and articles thereof

#### Primary Rule 1: Chemical Reaction

A chemical reaction is to be considered as origin conferring when it corresponds to the following definition.

A “chemical reaction” is a process (including a biochemical process) which results in a molecule with a new structure by breaking intramolecular bonds and by forming new intramolecular bonds, or by altering the spatial arrangement of atoms in a molecule.

The following are not considered to be chemical reactions for the purposes of this definition:

- (a) dissolving in water or other solvents;
- (b) the elimination of solvents including solvent water; or
- (c) the addition or elimination of water of crystallization.

#### Primary Rule 2: Mixtures and Blends

The deliberate and proportionally controlled mixing or blending (including dispersing) of materials to conform to predetermined specifications which results in the production of a good having physical or chemical characteristics which are relevant to the purposes or uses of the good and are different from the input materials is to be considered as origin conferring.

#### Chapter residual rule:

Where the country of origin cannot be determined by application of the primary rules and the other Chapter residual rule[s], the country of origin of the goods shall be the country in which the major portion of the materials originated, as determined on the basis of the weight of the materials.

HS 2022 Code	Description of goods	Primary rules
<b>4001</b>	<b>Natural rubber, balata, gutta-percha, guayule, chicle and similar natural gums, in primary forms or in plates, sheets or strip.</b>	<i>As specified for subheadings</i>
4001 10	- Natural rubber latex, whether or not pre-vulcanised	The origin shall be the country where the goods of this subheading are obtained in their natural or unprocessed state.
	- Natural rubber in other forms:	
4001 21	-- Smoked sheets	The origin shall be the country where the goods of this subheading are obtained in their natural or unprocessed state.
4001 22	-- Technically specified natural rubber (TSNR)	The origin shall be the country where the goods of this subheading are obtained in their natural or unprocessed state.

HS 2022 Code	Description of goods	Primary rules
4001 29	-- Other	The origin shall be the country where the goods of this subheading are obtained in their natural or unprocessed state.
4001 30	- Balata, gutta-percha, guayule, chicle and similar natural gums	The origin shall be the country where the goods of this heading are obtained in their natural or unprocessed state
<b>4002</b>	<b>Synthetic rubber and factice derived from oils, in primary forms or in plates, sheets or strip; mixtures of any product of heading 40.01 with any product of this heading, in primary forms or in plates, sheets or strip.</b>	<i>As specified for subheadings</i>
	- Styrene-butadiene rubber (SBR); carboxylated styrene-butadiene rubber (XSBR):	
4002 11	-- Latex	CTH
4002 19	-- Other	CTH
4002 20	- Butadiene rubber (BR)	CTH
	- Isobutene-isoprene (butyl) rubber (IIR); halo-isobutene-isoprene rubber (CIIR or BIIR):	
4002 31	-- Isobutene-isoprene (butyl) rubber (IIR)	CTH
4002 39	-- Other	CTH
	- Chloroprene (chlorobutadiene) rubber (CR):	
4002 41	-- Latex	CTH
4002 49	-- Other	CTH
	- Acrylonitrile-butadiene rubber (NBR):	
4002 51	-- Latex	CTH
4002 59	-- Other	CTH
4002 60	- Isoprene rubber (IR)	CTH
4002 70	- Ethylene-propylene-non-conjugated diene rubber (EPDM)	CTH
4002 80	- Mixtures of any product of heading 40.01 with any product of this heading	CTH, except from heading 40.01
	- Other:	
4002 91	-- Latex	CTH

HS 2022 Code	Description of goods	Primary rules
4002 99	-- Other	CTH
<b>4003</b>	<b>Reclaimed rubber in primary forms or in plates, sheets or strip.</b>	CTH
<b>4004</b>	<b>Waste, parings and scrap of rubber (other than hard rubber) and powders and granules obtained therefrom.</b>	The origin shall be the country where the rubber waste, parings and scrap of this heading are derived or collected from manufacturing or processing operations or from consumption
<b>4005</b>	<b>Compounded rubber, unvulcanised, in primary forms or in plates, sheets or strip.</b>	CTH
<b>4006</b>	<b>Other forms (for example, rods, tubes and profile shapes) and articles (for example, discs and rings), of unvulcanised rubber.</b>	CTH
<b>4007</b>	<b>Vulcanised rubber thread and cord.</b>	CTH
<b>4008</b>	<b>Plates, sheets, strip, rods and profile shapes, of vulcanised rubber other than hard rubber.</b>	CTH
<b>4009</b>	<b>Tubes, pipes and hoses, of vulcanised rubber other than hard rubber, with or without their fittings (for example, joints, elbows, flanges).</b>	CTH
<b>4010</b>	<b>Conveyor or transmission belts or belting, of vulcanised rubber.</b>	CTH
<b>4011</b>	<b>New pneumatic tyres, of rubber.</b>	CTH
<b>4012</b>	<b>Retreaded or used pneumatic tyres of rubber; solid or cushion tyres, tyre treads and tyre flaps, of rubber.</b>	<i>As specified for subheadings</i>
	- Retreaded tyres :	
4012 11	-- Of a kind used on motor cars (including station wagons and racing cars)	CTSH
4012 12	-- Of a kind used on buses or lorries	CTSH
4012 13	-- Of a kind used on aircraft	CTSH
4012 19	-- Other	CTSH

HS 2022 Code	Description of goods	Primary rules
4012 20	- Used pneumatic tyres	The origin shall be the country where the goods of this subheading were last collected and packed for shipment
4012 90	- Other	CTH
<b>4013</b>	<b>Inner tubes, of rubber.</b>	CTH
<b>4014</b>	<b>Hygienic or pharmaceutical articles (including teats), of vulcanised rubber other than hard rubber, with or without fittings of hard rubber.</b>	CTH
<b>4015</b>	<b>Articles of apparel and clothing accessories (including gloves), for all purposes, of vulcanised rubber other than hard rubber.</b>	CTH
<b>4016</b>	<b>Other articles of vulcanised rubber other than hard rubber.</b>	CTH
<b>4017</b>	<b>Hard rubber (for example, ebonite) in all forms, including waste and scrap; articles of hard rubber.</b>	<i>As specified for split headings</i>
ex4017(a)	Slabs, blocks, plates, sheets, strips, rods, profile shapes, tubes, pipes and hoses	CTH
ex4017(b)	Waste and Scrap	The origin shall be the country where the waste or scrap of this split heading is collected or derived from manufacturing or processing operations or from consumption
ex4017(c)	Other	CTHS