

MEJURI

Hazardous Materials Policy and Product Restricted Substances List (PRSL)

August 2025 v.1

1. Purpose and Intent

This Restricted Substances List (RSL) is intended to protect consumer health and safety, reduce environmental impact, and ensure compliance with applicable chemical regulations in the United States, Canada, the European Union, and other key markets. It establishes clear limits for hazardous substances in finished products and components sold under the Mejuri label.

The RSL supports Mejuri's commitment to responsible sourcing, product safety, and ethical business practices, and aligns with applicable legal requirements and voluntary industry standards.

2. Scope and Applicability

This RSL applies to all materials, components, and finished goods supplied to or sold by Mejuri.

The RSL is organized by product material category:

- Jewelry Products
- Textile Products
- Leather Products
- Plastic Products
- Wood and Paper Products

This RSL applies globally and must be adhered to regardless of the country of origin or intended retail destination.

3. Product Restricted Substances List (PRSL)

3.1. Jewelry Products

Includes all jewelry products and associated materials (*gold, silver, platinum group metals, titanium, stainless steel, natural & lab-grown diamonds, natural & lab-grown colored gemstones, vermeil, forged carbon, enamel, acrylic, glass, pearls*).

Substance	CAS Number	Limit/Restriction	Application/Risk	Regulatory Source
Lead	7439-92-1	≤ 500 ppm (0.05%)	Alloys, pigments, enamel, glass, solder	REACH, CPSIA, Prop 65
Cadmium	7440-43-9	≤ 100 ppm (0.01%)	Metal plating, pigments, plastics	REACH, Prop 65
Nickel	7440-02-0	≤ 0.5 µg/cm ² /week (release)	Alloys, plating, vermeil, stainless steel, direct skin items	EU Nickel Directive
Mercury	7439-97-6	Prohibited	Gold mining, amalgamation, legacy contamination	Minamata Convention
Arsenic	7440-38-2	Prohibited	Gold refining, gemstone treatment	REACH, Prop 65
Beryllium	7440-41-7	Prohibited	Found in some colored gemstone treatments	REACH, OSHA
Chromium VI	18540-29-9	Prohibited	Plating, possible contamination in stainless steel	REACH, Prop 65
Phthalates (DEHP, DBP, BBP, DIBP)	Various	≤ 0.1% each	Resin-based stones, adhesives	REACH, Prop 65
Formaldehyde	50-00-0	≤ 0.1%	Glues, resins, coatings (enamels/acrylics)	REACH, Prop 65

Cobalt	7440-48-4	Use with caution (label if present)	In metal alloys, may cause allergic reactions	Suggested under REACH
Polycyclic Aromatic Hydrocarbons (PAHs)	Various	≤ 1 mg/kg (per substance)	Plastics, enamels, adhesives	REACH Annex XVII
Asbestos	Various	Prohibited	Sometimes found in older polishing or heat-resistant tools	Global bans
Radioactive Substances	Various	Prohibited	Historical contamination in gemstones or vintage materials	IAEA, EU, US NRC

3.2. Textile Products

Applies to all textile materials, including those used in jewelry packaging or components (e.g. pouches, fabric cords, ribbons).

Substance	CAS Number	Limit/Restriction	Application/Risk	Regulatory Source
Azo Dyes (Banned Amines)	Various	Prohibited	Breakdown into carcinogenic amines	REACH Annex XVII
Formaldehyde	50-00-0	≤ 75 ppm (for textiles)	Irritant, used in anti-wrinkle/finishers	REACH, OEKO-TEX
Nonylphenol Ethoxylates (NPEs)	9016-45-9	Prohibited	Surfactants used in textile treatment	REACH Annex XVII
Pentachlorophenol (PCP)	87-86-5	Prohibited	Biocide for mildew/mold resistance	REACH, ZDHC MRSL
Heavy Metals (Lead, Cadmium, etc)	Various	≤ 0.01% (100 ppm)	Dyes and finishes	REACH, Prop 65
pH Range	—	4.0 – 7.5	Ensures skin safety	OEKO-TEX Standard 100

Disperse Dyes (allergenic types)	Various	Prohibited	Used in synthetic fiber dyeing, potential allergens	OEKO-TEX
----------------------------------	---------	------------	---	----------

3.3. Leather Products

Applies to leather items such as jewelry cases, tags, and leather packaging elements.

Substance	CAS Number	Limit/Restriction	Application/Risk	Regulatory Source
Chromium VI	18540-29-9	Prohibited (≤ 3 ppm detectable)	Allergen; result of improper tanning process	REACH Annex XVII
Azo Dyes (Banned Amines)	Various	Prohibited	Breakdown into carcinogenic amines	REACH Annex XVII
Formaldehyde	50-00-0	≤ 75 ppm	Used in preservation/finishing, can cause irritation	REACH, OEKO-TEX
Pentachlorophenol (PCP)	87-86-5	Prohibited	Fungicide for leather preservation	REACH, ZDHC MRSL
Heavy Metals (Lead, Cadmium)	Various	≤ 100 ppm	Dye and pigment contamination	REACH, Prop 65
Organotin Compounds	Various	Prohibited	Fungicides, PVC additives in bonded leather	REACH Annex XVII
Phthalates (DEHP, DBP, BBP, DIBP)	Various	$\leq 0.1\%$ each	Plasticizers used in synthetic leathers or coatings	REACH, Prop 65
pH Range	—	3.5 – 7.5	Prevents skin irritation and leather degradation	OEKO-TEX

3.4. Plastic Products

Applies to acrylic, resins, plastic components, and synthetic leather-like materials used in jewelry or packaging.

Substance	CAS Number	Limit/Restriction	Application/Risk	Regulatory Source
Phthalates (DEHP, DBP, BBP, DIBP)	Various	≤ 0.1% each	Plasticizers in soft plastics (PVC, PU, EVA, etc.)	REACH, Prop 65
Bisphenol A (BPA)	80-05-7	≤ 0.1%	Found in polycarbonate plastics; endocrine disruptor	REACH, Prop 65
Bisphenol S (BPS)	80-09-1	≤ 0.1%	BPA alternative used in plastics, adhesives, and coatings; suspected endocrine disruptor	REACH (SVHC), Prop 65 (under review)
Short-Chain Chlorinated Paraffins (SCCPs)	Various	Prohibited	Flame retardants in plastics	REACH Annex XVII
Polycyclic Aromatic Hydrocarbons (PAHs)	Various	≤ 1 mg/kg (per substance)	Found in black/dark plastics, especially recycled	REACH Annex XVII
Heavy Metals (Lead, Cadmium)	Various	≤ 100 ppm	Stabilizers, pigments, fillers in plastic	REACH, CPSIA, Prop 65
Organotin Compounds	Various	Prohibited	Used as heat stabilizers in PVC	REACH Annex XVII
Brominated Flame Retardants (PBBs, PBDEs)	Various	Prohibited	Previously used in molded plastic components	RoHS, REACH Annex XVII

3.5. Wood and Paper Products

Applies to wooden jewelry displays, boxes, inserts, tags, paper cards, and packaging.

Substance	CAS Number	Limit/Restriction	Application/Risk	Regulatory Source
Formaldehyde	50-00-0	≤ 0.1% (articles)	Adhesives in plywood, MDF, and paper coatings	REACH, Prop 65
Heavy Metals (Lead, Cadmium, Chromium VI)	Various	≤ 100 ppm	In dyes, inks, coatings, and laminates	REACH, CPSIA, Prop 65
Pentachlorophenol (PCP)	87-86-5	Prohibited	Wood preservative, banned due to toxicity	REACH, ZDHC MRSL
Azo Dyes (Banned Amines)	Various	Prohibited	Dyed paper products or coatings	REACH Annex XVII
Chlorinated Organic Compounds	Various	Prohibited	Used in bleaching paper pulp	Nordic Swan, FSC guidelines
Volatile Organic Compounds (VOCs)	Various	Limit per local indoor air standards	Used in varnishes, adhesives, glues	US EPA, EU Ecolabel