

# bluesign® TOOL User Manual

## Annex: Chemical product categorization for bluesign® TOOL

### Product categories

#### Product categories (PC) and Product subcategories (PSC)

Product categories (PC) and Product subcategories (PSC)	Fibers/yarns	Textile articles	Garments	Down and feather articles	Leather articles	Plastic articles	Rubber articles
Adhesives, sealants (for all uses)							
Adhesives, sealants (other than listed below)		•	•		•	•	•
Adhesives for manual bonding; water-based		•	•		•	•	•
Adhesives for manual bonding; solvent-based		•	•		•	•	•
Adhesives for manual bonding; solvent-free or solid		•	•		•	•	•
Curing agent for adhesives for manual bonding; water-based		•	•		•	•	•
Curing agent for adhesives for manual bonding; solvent-based		•	•		•	•	•
Curing agent for adhesives for manual bonding; solvent-free or solid		•	•		•	•	•
Polymer based hot melts		•	•		•	•	•
Reactive adhesive systems		•	•		•	•	•
Adhesives for automated bonding; water-based		•	•		•	•	•
Adhesives for automated bonding; solvent-based		•	•		•	•	•
Adhesives for automated bonding; solvent-free or solid		•	•		•	•	•
Curing agent for adhesives for automated bonding; water-based		•	•		•	•	•
Curing agent for adhesives for automated bonding; solvent-based		•	•		•	•	•
Curing agent for adhesives for automated bonding; solvent-free or solid		•	•		•	•	•
Reactive hot melt adhesive systems		•			•	•	•
Biocidal products (for all uses)							
Biocidal products (other than listed below)	•	•	•	•	•	•	•
Antimicrobial and other biocidal products as functional agent	•	•	•	•	•	•	•
Biocidal products as pest control product	•	•	•	•	•	•	•
Antimicrobial and other biocidal products as masterbatch preparation	•	•				•	•
Antimicrobial and other biocidal products as disinfectant		•	•			•	
Insecticides and other biocidal products to protect textiles against damage (e.g. caused by insects)	•	•	•				
Antimicrobial and other biocidal products as preservative preparation for chemical products							
Coating compounds, paints, lacquers, coats, thinners, paint removers and process aids (for all uses)							
Anti-foaming agents	•	•	•		•	•	•
Coating compounds, paints, lacquers, coats, thinners, paint removers and process aids (other than listed below)	•	•	•		•	•	•
Polymer based coating compounds; water-based	•	•	•			•	•
Polymer based coating compounds; solvent-based	•	•	•			•	•
Polymer based coating compounds; powder-based						•	•
Polymer based coating compounds; solvent-free or solid	•	•	•			•	•
Polymer based paints and lacquers; water-based			•		•	•	•
Polymer based paints and lacquers; solvent-based			•		•	•	•
Polymer based paints and lacquers; powder-based					•	•	•
Polymer based paints and lacquers; solvent-free			•		•	•	•
Cellulose based lacquers; water-based					•		
Cellulose based lacquers; solvent-based					•		
Top coats; water-based					•		
Top coats; solvent-based					•		

Product categories (PC) and Product subcategories (PSC)	Fibers/yarns	Textile articles	Garments	Down and feather articles	Leather articles	Plastic articles	Rubber articles
Crosslinking agents for coating compounds; water-based	•	•	•		•	•	•
Crosslinking agents for coating compounds; solvent-based	•	•	•		•	•	•
Crosslinking agents for coating compounds; solvent-free or solid	•	•	•		•	•	•
Crosslinking agents for epoxy paints and lacquers			•		•	•	•
Crosslinking agents for polyurethane paints and lacquers			•		•	•	•
Crosslinking agents for polyester paints and lacquers			•		•	•	•
Thinner for coating compounds; solvent-based	•	•	•		•	•	•
Thinner for epoxy paints and lacquers; solvent-based			•		•	•	•
Thinner for polyurethane paints and lacquers; solvent-based			•		•	•	•
Thinner for acrylic resin paints and lacquers; solvent-based			•		•	•	•
Thinner for baking paints and lacquers; solvent-based			•		•	•	•
Paint removers; caustic-based			•		•	•	•
Paint removers; solvent-based			•		•	•	•
Filling agents	•	•	•		•	•	•
Flatting and weight matting agents	•	•	•		•	•	•
Foam stabilizer	•	•	•		•	•	•
Dyes and pigment preparations (for all uses)							
Dyes and pigment preparations (other than listed below)	•	•	•	•	•	•	•
Acid dyes	•	•	•	•	•	•	•
Basic dyes	•	•	•	•	•	•	•
Direct dyes	•	•	•	•	•	•	•
Disperse dyes	•	•	•	•	•	•	•
Metal complex dyes (1:1)	•	•	•	•	•	•	•
Metal complex dyes (2:1)	•	•	•	•	•	•	•
Mixture: Acid and metal complex dyes	•	•	•	•	•	•	•
Mixture: Disperse and acid/metal complex dyes	•	•	•	•	•	•	•
Mixture: Acid/metal complex and reactive dyes	•	•	•	•	•	•	•
Natural dyes	•	•	•	•	•	•	•
Optical brighteners (fluorescent)	•	•	•	•	•	•	•
Pigments and pigment preparations	•	•	•	•	•	•	•
Reactive dyes	•	•	•	•	•	•	•
Reactive dyes for polyamide	•	•	•	•	•	•	•
Reactive dyes for wool	•	•	•	•	•	•	•
Solvent dyes	•	•	•	•	•	•	•
Sulfur dyes	•	•	•	•	•	•	•
Vat dyes	•	•	•	•	•	•	•
Plastic coloring dyes	•	•	•		•	•	•
Flameretardant products (for all uses)							
Flameretardant products (other than listed below)	•	•	•		•	•	•
Flameretardant products as functional agent	•	•	•		•	•	•
Flameretardant products as masterbatch preparation	•	•	•		•	•	•
Functional and process agents for polymers and polymer preparations							
Functional agents for polymers and polymer preparations (other than listed below)	•					•	•
Antioxidants	•					•	•
Antistatic agents	•					•	•
UV stabilizers	•					•	•
Masterbatch additives for coloring	•					•	•
Metal deactivators	•					•	•
Nucleating & clarifying agents	•					•	•
Plasticizers	•					•	•
Catalysts	•					•	•
Spinning additives for polymers	•					•	
Spinning bath additives	•						
Spinning solution additives	•						
Blowing agents						•	•
Anti-molding agents						•	•
Vulcanization accelerator							•
Vulcanization activators							•

Product categories (PC) and Product subcategories (PSC)	Fibers/yarns	Textile articles	Garments	Down and feather articles	Leather articles	Plastic articles	Rubber articles
Inks and process auxiliaries (for all uses)							
Inks and process auxiliaries (other than listed below)	•	•	•		•	•	•
Inks for digital printing; water-based		•	•		•	•	•
Inks for digital printing; solvent-based		•	•		•	•	•
Acid inks for digital printing; water-based		•	•		•	•	•
Acid inks for digital printing; solvent-based		•	•		•	•	•
Disperse inks for digital printing; water-based		•	•		•	•	•
Disperse inks for digital printing; solvent-based		•	•		•	•	•
Metal complex inks for digital printing; water-based		•	•		•	•	•
Metal complex inks for digital printing; solvent-based		•	•		•	•	•
Pigment inks for digital printing; water-based		•	•		•	•	•
Pigment inks for digital printing; solvent-based		•	•		•	•	•
Reactive inks for digital printing; water-based		•	•		•	•	•
Reactive inks for digital printing; solvent-based		•	•		•	•	•
Process auxiliaries for digital printing; water-based		•	•		•	•	•
Process auxiliaries for digital printing; solvent-based		•	•		•	•	•
Inks for various printing applications; water-based	•	•	•		•	•	•
Inks for various printing applications; solvent-based	•	•	•		•	•	•
Acid inks for various printing applications; water-based	•	•	•		•	•	•
Acid inks for various printing applications; solvent-based	•	•	•		•	•	•
Disperse inks for various printing applications; water-based	•	•	•		•	•	•
Disperse inks for various printing applications; solvent-based	•	•	•		•	•	•
Metal complex inks for various printing applications; water-based	•	•	•		•	•	•
Metal complex inks for various printing applications; solvent-based	•	•	•		•	•	•
Pigment inks for various printing applications; water-based	•	•	•		•	•	•
Pigment inks for various printing applications; solvent-based	•	•	•		•	•	•
Reactive inks for various printing applications; water-based	•	•	•		•	•	•
Reactive inks for various printing applications; solvent-based	•	•	•		•	•	•
Process auxiliaries for various printing applications; water-based	•	•	•		•	•	•
Process auxiliaries for various printing applications; solvent-based	•	•	•		•	•	•
Crosslinking agents for printing inks; water-based	•	•	•		•	•	•
Crosslinking agents for printing inks; solvent-based	•	•	•		•	•	•
Thinner for printing inks; solvent-based	•	•	•		•	•	•
Leather preparation, fatliquoring, tanning, re-tanning, dyeing, printing and finishing products							
Levelling agents					•		
Printing pastes (other than listed below)					•		
Foam printing pastes					•		
Multi-component printing pastes					•		
Pigment printing pastes					•		
Silicone printing pastes					•		
Repellents (other than listed below)					•		
Water repellents (fluorinated C4, C6, mixed)					•		
Water repellents (fluorine-free)					•		
Water-/oil repellents (fluorinated C4, C6, mixed)					•		
Water-/oil repellents (fluorine-free)					•		
Water-/oil-/soil repellents (fluorinated C4, C6, mixed)					•		
Water-/oil-/soil repellents (fluorine-free)					•		
Water-/soil repellents (fluorinated C4, C6, mixed)					•		
Water-/soil repellents (fluorine-free)					•		
Soil repellents (fluorinated C4, C6, mixed)					•		
Soil repellents (fluorine-free)					•		
Repellents (fluorinated C8 and mixed with C8)					•		
Crosslinking agents for water/oil/soil repellents					•		
Wetting agents					•		
Anti-foaming agents					•		
Foam stabilizer					•		
Leather preparation, fatliquoring, tanning, re-tanning, dyeing, printing and finishing products (other than listed below)					•		
Leather preparation (Beamhouse) products (other than listed below)					•		

Product categories (PC) and Product subcategories (PSC)	Fibers/yarns	Textile articles	Garments	Down and feather articles	Leather articles	Plastic articles	Rubber articles
Soaking agents for raw hides and skins					•		
Liming and dehairing agents					•		
Deliming agents					•		
Bating agents					•		
Pickling agents					•		
Surfactants					•		
Degreasing agents					•		
Tanning/re-tanning products (other than listed below)					•		
Mineral tanning agents					•		
Vegetable tanning agents					•		
Synthetic organic tanning agents					•		
Mineral/synthetic tanning agent blends					•		
Syntans					•		
Tanning/re-tanning auxiliaries					•		
Neutralization agents					•		
Polymeric re-tanning agents					•		
Dyeing auxiliaries for leather (other than listed below)					•		
Penetrating agents					•		
Aftertreatment and fixing agents					•		
Agents to reduce and deepen the shade					•		
Bleaching agents					•		
Fatliquoring auxiliaries (other than listed below)					•		
Natural based fatliquors					•		
Synthetic fatliquors					•		
Paraffinic fatliquors					•		
Polymeric fatliquors					•		
Silicone based fatliquors					•		
Fatliquoring auxiliaries					•		
Leather finishing products (other than listed below)					•		
Auxiliaries for leather finishing					•		
Binders (other than listed below)					•		
Binder; acrylate-based					•		
Binder; casein-based					•		
Binder; polyurethane-based					•		
Compounds					•		
Feel agents					•		
Functional agents for leather finishing					•		
Pull-up oils					•		
Pull-up waxes					•		
Rheology modifier					•		
Upgrading preparations					•		
Nanoscale products (for all uses)							
Nano-scale products for special purpose (other than listed below)	•	•	•	•	•	•	•
Nano-scale products as raw material	•	•	•	•	•	•	•
Nano-scale products as functional agent	•	•	•	•	•	•	•
Nano-scale products as masterbatch preparation	•	•	•		•	•	•
Non-metal treatment and surface treatment products							
Non-metal surface treatment products (other than listed below)						•	
Chemical products for pretreatment - cleaning						•	
Chemical products for pretreatment - conditioning						•	
Chemical products for pretreatment - etching and pickling						•	
Non-metal treatment products (other than listed below)						•	
Chemical products for core treatment - autocatalytic plating (plastics)						•	
Chemical products for chemical aftertreatment						•	
Polymers and polymer preparations							
Polymers and polymer preparations (other than listed below)	•					•	•
Homopolymers & rubbers: polyacrylonitrile (PAN)	•					•	•
Homopolymers & rubbers: polystyrene (PS)	•					•	•

Product categories (PC) and Product subcategories (PSC)	Fibers/yarns	Textile articles	Garments	Down and feather articles	Leather articles	Plastic articles	Rubber articles
Homopolymers & rubbers: others	•					•	•
Copolymers & rubbers: acrylonitrile butadiene styrene (ABS)	•					•	•
Copolymers & rubbers: styrene butadiene (SB) based co-polymer	•					•	•
Copolymers & rubbers: others	•					•	•
Polyacrylates	•					•	•
Polyacrylates, copolymerized with other monomers	•					•	•
Polyamides: polycaprolactam (PA 6)	•					•	•
Polyamides: aramides	•					•	•
Polyamides: others	•					•	•
Polycarbonates	•					•	•
Polyesters: polyethyleneterephthalate (PET)	•					•	•
Polyesters: others	•					•	•
Polyolefins: polyethylene (PE)	•					•	•
Polyolefins: polypropylene (PP)	•					•	•
Polyolefins: others	•					•	•
Polyoxymethylene homo- and co-polymers	•					•	•
Polysilicones and polysiloxanes	•					•	•
Polyurethanes	•					•	•
Chloropolymers	•					•	•
Fluoropolymers: polytetrafluoroethylene (PTFE)	•					•	•
Fluoropolymers: others	•					•	•
Polyepoxides	•					•	•
Polyimides	•					•	•
Polyethers	•					•	•
Polyketones	•					•	•
Polysulfides and polysulfones	•					•	•
Polyvinyl acetate, homo- and copolymers	•					•	•
Polyvinyl alcohols and acetals	•					•	•
Cellulose based polymers	•					•	•
Polymers with conductive properties	•					•	•
Specialty polymers	•					•	•
Masterbatch preparations: antioxidants	•					•	•
Masterbatch preparations: antistatic agents	•					•	•
Masterbatch preparations: blowing agents	•					•	•
Masterbatch preparations: coloring	•					•	•
Masterbatch preparations: black coloring	•					•	•
Masterbatch preparations: white coloring	•					•	•
Masterbatch preparations: plasticizers	•					•	•
Masterbatch preparations: vulcanization accelerators	•					•	•
Masterbatch preparations: vulcanization activators	•					•	•
Masterbatch preparations: UV stabilizers	•					•	•
Masterbatch preparations: metal deactivators	•					•	•
Masterbatch preparations: anti-molding agents	•					•	•
Masterbatch preparations: nucleating & clarifying agents	•					•	•
Masterbatch preparations: various functionalities, colored	•					•	•
Masterbatch preparations: various functionalities, un-colored	•					•	•
Textile auxiliaries and functional agents							
Fiber/yarn preparation auxiliaries (other than listed below)	•	•					
Conditioning and stabilizing agents	•	•					
Coning oils, warping and twisting oils	•	•					
Fiber preparation agents	•	•					
Knitting oils	•	•					
Spin fiber finishes	•	•					
Sizing agents and sizing additives		•					
Pretreatment auxiliaries (other than listed below)	•	•	•	•			•
Bleaching auxiliaries	•	•	•	•			•
Carbonizing assistants	•	•	•	•			•
Cationic pretreatment agents	•	•	•	•			•

Product categories (PC) and Product subcategories (PSC)	Fibers/yarns	Textile articles	Garments	Down and feather articles	Leather articles	Plastic articles	Rubber articles
Desizing agents	•	•	•	•			•
Pretreatment agents: enzyme-based	•	•	•	•			•
Fiber protection agents	•	•	•	•			•
Kierboiling auxiliaries	•	•	•	•			•
Mercerizing and causticizing auxiliaries	•	•	•	•			•
Scouring agents	•	•	•	•			•
Sequestering agents	•	•	•	•			•
Activators for bleaching processes	•	•	•	•			•
Dyeing and printing auxiliaries (other than listed below)	•	•	•	•			•
Dyestuff solubilizing and hydrotropic agents	•	•	•	•			•
Dispersing agents and protective colloids	•	•	•	•			•
Dyeing wetting agents, de-aeration agents	•	•	•	•			•
Levelling agents	•	•	•	•			•
Carriers	•	•	•	•			•
Crease-preventing agents	•	•	•	•			•
Dyestuff protecting agents, boil-down protecting agents	•	•	•	•			•
Padding auxiliaries (other than listed below)	•	•	•	•			•
Anti-migration agents	•	•	•	•			•
Anti-frosting auxiliaries	•	•	•	•			•
Products increasing wet-pick-up	•	•	•	•			•
Fixing accelerators for continuous dyeing and printing	•	•	•	•			•
Aftertreatment agents for fastness improvement (affinity to fiber)	•	•	•				
Bonding agents for continuous dyeing and printing	•	•	•	•			•
Native printing thickeners	•	•	•				•
Synthetic printing thickeners	•	•	•				•
Emulsifiers for printing	•	•	•				•
Agents to remove printing thickeners	•	•	•	•			•
Printing and edge adhesives	•	•	•				•
Oxidizing agents	•	•	•	•			•
Reducing agents	•	•	•	•			•
Discharging agents and discharging assistants	•	•	•	•			•
Resist agents	•	•	•	•			•
Mordants	•	•	•	•			•
Brightening and stripping agents	•	•	•	•			•
Fiber-protective agents in dyeing	•	•	•	•			•
pH-regulators, acid and alkali dispensers	•	•	•	•			•
Aftersoaping/soaping agents	•	•	•	•			•
Functional auxiliaries; enzyme-based	•	•	•	•			•
Improver for chlorinated water fastness	•	•	•	•			•
Binder for pigment dyeing	•	•	•	•			•
Auxiliaries for pigment discharge	•	•	•	•			•
Printing oils	•	•	•				•
Plasticizers for printing	•	•	•				•
Anti-foaming agents for printing	•	•	•				•
Printing pastes (other than listed below)	•	•	•				•
Foam printing pastes	•	•	•				•
Multi-component printing pastes	•	•	•				•
Pigment printing pastes	•	•	•				•
Silicone printing pastes	•	•	•				•
Finishing agents (other than listed below)	•	•	•	•			•
Agents for the improvement of crease and shrink resistance	•	•	•	•			•
Additives for non-creasing and non-shrinking finishes	•	•	•	•			•
Catalysts for non-creasing and non-shrinking finishes	•	•	•	•			•
Handle-imparting agents (other than listed below)	•	•	•	•			•
Weighting agents	•	•	•	•			•
Filling and stiffening agents	•	•	•	•			•
Softening agents	•	•	•	•			•
Raising- and emerizing agents	•	•	•	•			•

Product categories (PC) and Product subcategories (PSC)	Fibers/yarns	Textile articles	Garments	Down and feather articles	Leather articles	Plastic articles	Rubber articles
Anti-electrostatic agents	•	•	•	•			•
Repellents (other than listed below)	•	•	•	•			•
Water repellents (fluorinated C4, C6, mixed)	•	•	•	•			•
Water repellents (fluorine-free)	•	•	•	•			•
Water-/oil repellents (fluorinated C4, C6, mixed)	•	•	•	•			•
Water-/oil repellents (fluorine-free)	•	•	•	•			•
Water-/oil-/soil repellents (fluorinated C4, C6, mixed)	•	•	•	•			•
Water-/oil-/soil repellents (fluorine-free)	•	•	•	•			•
Water-/soil repellents (fluorinated C4, C6, mixed)	•	•	•	•			•
Water-/soil repellents (fluorine-free)	•	•	•	•			•
Soil repellents (fluorinated C4, C6, mixed)	•	•	•	•			•
Soil repellents (fluorine-free)	•	•	•	•			•
Repellents (fluorinated C8 and mixed with C8)	•	•	•	•			•
Crosslinking agents for water/oil/soil repellents	•	•	•	•			•
Soil release agents	•	•	•	•			•
Felting agents	•	•	•	•			•
Anti-felting agents	•	•	•	•			•
Conditioning agents	•	•	•	•			•
Lustring agents	•	•	•	•			•
Delustring agents	•	•	•	•			•
Non-slip, ladder-proof and anti-snap agents	•	•	•	•			•
Agents and additives to promote bonding of fibers and threads	•	•	•	•			•
Process auxiliaries for lamination		•					•
Technical auxiliaries for multipurpose use (other than listed below)	•	•	•	•			•
Wetting agents	•	•	•	•			•
Anti-foaming agents	•	•	•	•			•
Detergents, dispersing and emulsifying agents (other than listed below)	•	•	•	•			•
Specific detergents and cleaning products: for down & feather cleaning process	•	•	•	•			•
Specific detergents and cleaning products: for garment washing process	•	•	•	•			•
Specific detergents and cleaning products: for machine cleaning process	•	•	•	•			•
Specific detergents and cleaning products: for textile laundry process	•	•	•	•			•
Spotting agents	•	•	•	•			•
Chelating agents	•	•	•	•			•
Stabilizers (other than listed below)	•	•	•	•			•
Anti-ageing agents	•	•	•	•			•
Anti-oxidation agents	•	•	•	•			•
Light stabilizer	•	•	•	•			•
Peroxide stabilizer	•	•	•	•			•
UV-Absorber	•	•	•	•			•
Anti-yellowing agents	•	•	•	•			•
Hydrophilizing agents	•	•	•	•			•
Binders for several purpose	•	•	•	•			•
Oligomer remover	•	•	•	•			•
Washing agents	•	•	•	•			•
Machine additives	•	•	•	•			•
Metal protection agents	•	•	•	•			•
Drycleaning auxiliaries (other than listed below)		•	•				•
Detergents for drycleaning process		•	•				•
Prespotting agents for drycleaning process		•	•				•
Spotting agents for drycleaning process		•	•				•
Anti-electrostatic agents for drycleaning process		•	•				•
Finishing agents for drycleaning process		•	•				•
Defoaming agents for drycleaning process		•	•				•
Special garment manufacturing products (other than listed below)	•	•	•				•
Anti-backstaining agents	•	•	•				•
Agents for special garment effects	•	•	•				•
Bleaching agents and additives	•	•	•				•
Bleaching agents and additives: enzyme-based	•	•	•				•

Product categories (PC) and Product subcategories (PSC)	Fibers/yarns	Textile articles	Garments	Down and feather articles	Leather articles	Plastic articles	Rubber articles
Manganese dioxide neutralization agents	•	•	•				•
Gloss and glitter effect agents		•	•				•
Special garment dyeing auxiliaries (incl. fixing agents)		•	•				•
Special synthetic resin additives		•	•				•
Special synthetic resin preparations		•	•				•
Biopolishing agents: enzyme-based		•	•				•
Stonewashing agents		•	•				•
Stonewashing agents: enzyme-based		•	•				•
Special products for handle-imparting (incl. softening agents)		•	•				•
Washing and cleaning products							
Washing and cleaning products (other than listed below)						•	
Specific detergents and cleaning products: for glass surfaces						•	
Specific detergents and cleaning products: for multi surfaces						•	
Builders based on chelation						•	
Builders based on ion exchange						•	
Builders based on precipitation						•	
Builders based on sequestration						•	
Surfactant agents: anionic						•	
Surfactant agents: nonionic						•	
Surfactant agents: cationic						•	
Surfactant agents: amphoteric (positive/negative)						•	
Functional agents for detergents						•	

Full names of Sectors of Use:

Manufacture of fibers/yarns

Manufacture of textile products including fabrics, laminates and non-wovens

Manufacture of garments and other finished textile goods (e.g. backpacks)

Manufacture of down and feather products

Manufacture of leather products

Manufacture of plastic products and compounding (e.g. membranes, buckles)

Manufacture of rubber products