

2.1. Manufacture

Table 1. Manufacture

Identifiers	Use descriptors	Other information
M-1: Manufacture of copper hydroxide phosphate	<p>Environmental release category (ERC):</p> <p>ERC 1: Manufacture of substances</p> <p>Process category (PROC):</p> <p>PROC 1: Use in closed process, no likelihood of exposure</p> <p>PROC 2: Use in closed, continuous process with occasional controlled exposure</p> <p>PROC 3: Use in closed batch process (synthesis or formulation)</p> <p>PROC 4: Use in batch and other process (synthesis) where opportunity for exposure arises</p> <p>PROC 8a: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at non-dedicated facilities</p> <p>PROC 8b: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities</p> <p>PROC 9: Transfer of substance or preparation into small containers (dedicated filling line, including weighing)</p>	<p>Tonnage of substance: 999.9</p> <p>Number of sites: 1-10</p> <p>Remarks: ECHA's CHEMical Safety Assessment and Reporting tool (CHESAR) is not applicable because life-cycle description and generation of exposure scenarios leads to risk assessment requiring the use of models such as MEASE to address the inorganic nature of the substance.</p>

2.2. Identified uses

Table 2. Formulation

Identifiers	Use descriptors	Other information
F-2: Formulation	<p>Environmental release category (ERC):</p> <p>ERC 2: Formulation of preparations</p> <p>ERC 3: Formulation in materials</p> <p>Process category (PROC):</p> <p>PROC 1: Use in closed process, no likelihood of exposure</p> <p>PROC 2: Use in closed, continuous process with occasional controlled exposure</p> <p>PROC 3: Use in closed batch process (synthesis or formulation)</p> <p>PROC 4: Use in batch and other process (synthesis) where opportunity for exposure arises</p> <p>PROC 5: Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or significant contact)</p> <p>PROC 8a: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at non-dedicated facilities</p> <p>PROC 8b: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities</p> <p>PROC 9: Transfer of substance or preparation into small containers (dedicated filling line, including</p>	<p>Tonnage of substance: 999.9</p> <p>Number of sites: 1-10</p> <p>Substance supplied to that use: As such</p> <p>Remarks: ECHA's CHEMical Safety Assessment and Reporting tool (CHESAR) is not applicable because life-cycle description and generation of exposure scenarios leads to risk assessment requiring the use of models such as MEASE to address the inorganic nature of the substance.</p>

Identifiers	Use descriptors	Other information
	<p>weighing) PROC 22: Potentially closed processing operations with minerals/metals at elevated temperature. Industrial setting PROC 26: Handling of solid inorganic substances at ambient temperature</p> <p>Product Category formulated:</p> <p>PC 2: Adsorbents PC 9a: Coatings and paints, thinners, paint removes PC 14: Metal surface treatment products, including galvanic and electroplating products PC 18: Ink and toners PC 20: Products such as ph-regulators, flocculants, precipitants, neutralisation agents PC 24: Lubricants, greases, release products PC 25: Metal working fluids PC 26: Paper and board dye, finishing and impregnation products: including bleaches and other processing aids PC 32: Polymer preparations and compounds PC 34: Textile dyes, finishing and impregnating products; including bleaches and other processing aids</p> <p>Technical function of the substance during formulation:</p> <p>Colouring agents, pigments Heat transfer agents Lubricants and lubricant additives Process regulators, other than polymerisation or vulcanisation processes Processing aid, not otherwise listed</p>	

Table 3. Uses at industrial sites

Identifiers	Use descriptors	Other information
IW-3: Synthesis in industrial settings	<p>Environmental release category (ERC):</p> <p>ERC 4: Industrial use of processing aids in processes and products, not becoming part of articles ERC 5: Industrial use resulting in inclusion into or onto a matrix ERC 6a: Industrial use resulting in manufacture of another substance (use of intermediates) ERC 6b: Industrial use of reactive processing aids ERC 6d: Industrial use of process regulators for polymerisation processes in production of resins, rubbers, polymers</p> <p>Process category (PROC):</p> <p>PROC 1: Use in closed process, no likelihood of exposure PROC 2: Use in closed, continuous process with occasional controlled exposure PROC 3: Use in closed batch process (synthesis or formulation) PROC 4: Use in batch and other process (synthesis)</p>	<p>Tonnage of substance: 999.9</p> <p>Number of sites: 1-10</p> <p>Substance supplied to that use: As such In a mixture</p> <p>Subsequent service life relevant for that use: no</p> <p>Remarks: ECHA's CHEMical Safety Assessment and Reporting tool (CHESAR) is not applicable because life-cycle description and generation of exposure scenarios leads to risk assessment requiring the use of models such as MEASE to address the</p>

Identifiers	Use descriptors	Other information
	<p>where opportunity for exposure arises PROC 5: Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or significant contact) PROC 6: Calendering operations PROC 7: Industrial spraying PROC 8a: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at non-dedicated facilities PROC 8b: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities PROC 9: Transfer of substance or preparation into small containers (dedicated filling line, including weighing) PROC 13: Treatment of articles by dipping and pouring PROC 14: Production of preparations or articles by tableting, compression, extrusion, pelletisation PROC 22: Potentially closed processing operations with minerals/metals at elevated temperature. Industrial setting PROC 26: Handling of solid inorganic substances at ambient temperature</p> <p>Product Category used: PC 19: Intermediate PC 20: Products such as ph-regulators, flocculants, precipitants, neutralisation agents PC 21: Laboratory chemicals</p> <p>Sector of end use: SU 8: Manufacture of bulk, large scale chemicals (including petroleum products) SU 9: Manufacture of fine chemicals SU 24: Scientific research and development</p> <p>Technical function of the substance during formulation: Intermediates Laboratory chemicals</p>	<p>inorganic nature of the substance.</p> <p>PC 19 has been removed in the latest version of the Use Descriptor guidance and therefore will not be available for selection in IUCLID 6</p>
IW-4: Industrial end use as an additive	<p>Environmental release category (ERC): ERC 4: Industrial use of processing aids in processes and products, not becoming part of articles ERC 5: Industrial use resulting in inclusion into or onto a matrix ERC 6b: Industrial use of reactive processing aids ERC 6d: Industrial use of process regulators for polymerisation processes in production of resins, rubbers, polymers ERC 7: Industrial use of substances in closed systems</p> <p>Process category (PROC): PROC 14: Production of preparations or articles by tableting, compression, extrusion, pelletisation</p>	<p>Tonnage of substance: 999.9</p> <p>Number of sites: 1-10</p> <p>Substance supplied to that use: As such In a mixture</p> <p>Subsequent service life relevant for that use: yes</p> <p>Link to the subsequent service life: A-1: Electronic and electrical equipment A-3: Service life of paper and</p>

Identifiers	Use descriptors	Other information
	<p>PROC 5: Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or significant contact)</p> <p>PROC 6: Calendering operations</p> <p>PROC 7: Industrial spraying</p> <p>PROC 8a: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at non-dedicated facilities</p> <p>PROC 8b: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities</p> <p>PROC 9: Transfer of substance or preparation into small containers (dedicated filling line, including weighing)</p> <p>PROC 10: Roller application or brushing</p> <p>PROC 13: Treatment of articles by dipping and pouring</p> <p>PROC 19: Hand-mixing with intimate contact and only PPE available.</p> <p>PROC 21: Low energy manipulation of substances bound in materials and/or articles</p> <p>PROC 22: Potentially closed processing operations with minerals/metals at elevated temperature. Industrial setting</p> <p>PROC 23: Open processing and transfer operations with minerals/metals at elevated temperature</p> <p>PROC 24: High (mechanical) energy work-up of substances bound in materials and/or articles</p> <p>PROC 26: Handling of solid inorganic substances at ambient temperature</p> <p>Product Category used:</p> <p>PC 2: Adsorbents</p> <p>PC 9a: Coatings and paints, thinners, paint removes</p> <p>PC 14: Metal surface treatment products, including galvanic and electroplating products</p> <p>PC 18: Ink and toners</p> <p>PC 20: Products such as ph-regulators, flocculants, precipitants, neutralisation agents</p> <p>PC 24: Lubricants, greases, release products</p> <p>PC 25: Metal working fluids</p> <p>PC 26: Paper and board dye, finishing and impregnation products: including bleaches and other processing aids</p> <p>PC 32: Polymer preparations and compounds</p> <p>PC 34: Textile dyes, finishing and impregnating products; including bleaches and other processing aids</p> <p>Sector of end use:</p> <p>SU 5: Manufacture of textiles, leather, fur</p> <p>SU 6b: Manufacture of pulp, paper and paper products</p> <p>SU 10: Formulation [mixing] of preparations and/or re-packaging (excluding alloys)</p> <p>SU 12: Manufacture of plastics products, including compounding and conversion</p> <p>SU 15: Manufacture of fabricated metal products,</p>	<p>board products and textiles</p> <p>A-2: Metal articles</p> <p>Remarks:</p> <p>ECHA's CHEMical Safety Assessment and Reporting tool (CHESAR) is not applicable because life-cycle description and generation of exposure scenarios leads to risk assessment requiring the use of models such as MEASE to address the inorganic nature of the substance.</p> <p>SU 10 has been removed in the latest version of the Use Descriptor guidance and therefore will not be available for selection in IUCLID 6</p>

Identifiers	Use descriptors	Other information
	<p>except machinery and equipment SU 16: Manufacture of computer, electronic and optical products, electrical equipment</p> <p>Technical function of the substance during formulation:</p> <p>Colouring agents, pigments Heat transfer agents Lubricants and lubricant additives Process regulators, other than polymerisation or vulcanisation processes Processing aid, not otherwise listed Laser-welding, laser-cutting, laser-writing, UV-absorber</p>	

Table 4. Uses by professional workers

Identifiers	Use descriptors	Other information
PW-5: Professional use of the substance as an intermediate, as a laboratory chemical and in mixing and blending operations	<p>Environmental release category (ERC):</p> <p>ERC 8a: Wide dispersive indoor use of processing aids in open systems ERC 8b: Wide dispersive indoor use of reactive substances in open systems ERC 8d: Wide dispersive outdoor use of processing aids in open systems ERC 8e: Wide dispersive outdoor use of reactive substances in open systems ERC 9a: Wide dispersive indoor use of substances in closed systems ERC 9b: Wide dispersive outdoor use of substances in closed systems</p> <p>Process category (PROC):</p> <p>PROC 4: Use in batch and other process (synthesis) where opportunity for exposure arises PROC 5: Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or significant contact) PROC 8a: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at non-dedicated facilities PROC 8b: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities PROC 14: Production of preparations or articles by tableting, compression, extrusion, pelletisation PROC 15: Use as laboratory reagent PROC 19: Hand-mixing with intimate contact and only PPE available. PROC 26: Handling of solid inorganic substances at ambient temperature</p> <p>Product Category used:</p> <p>PC 2: Adsorbents PC 9a: Coatings and paints, thinners, paint removes PC 18: Ink and toners PC 19: Intermediate PC 20: Products such as ph-regulators, flocculants,</p>	<p>Tonnage of substance: 999.9</p> <p>Substance supplied to that use: As such In a mixture</p> <p>Subsequent service life relevant for that use: no</p> <p>Remarks: Refer also to identified use number 2: formulation. ECHA's CHEMical Safety Assessment and Reporting tool (CHESAR) is not applicable because life-cycle description and generation of exposure scenarios leads to risk assessment requiring the use of models such as MEASE to address the inorganic nature of the substance.</p> <p>PC 19 has been removed in the latest version of the Use Descriptor guidance and therefore will not be available for selection in IUCLID 6</p> <p>SU 10 has been removed in the latest version of the Use Descriptor guidance and therefore will not be available for selection in IUCLID 6</p>

Identifiers	Use descriptors	Other information
	<p>precipitants, neutralisation agents PC 21: Laboratory chemicals PC 24: Lubricants, greases, release products PC 25: Metal working fluids PC 26: Paper and board dye, finishing and impregnation products: including bleaches and other processing aids PC 32: Polymer preparations and compounds PC 34: Textile dyes, finishing and impregnating products; including bleaches and other processing aids</p> <p>Sector of end use:</p> <p>SU 5: Manufacture of textiles, leather, fur SU 6b: Manufacture of pulp, paper and paper products SU 8: Manufacture of bulk, large scale chemicals (including petroleum products) SU 9: Manufacture of fine chemicals SU 10: Formulation [mixing] of preparations and/or re-packaging (excluding alloys) SU 12: Manufacture of plastics products, including compounding and conversion SU 15: Manufacture of fabricated metal products, except machinery and equipment SU 16: Manufacture of computer, electronic and optical products, electrical equipment SU 24: Scientific research and development</p> <p>Technical function of the substance during formulation:</p> <p>Colouring agents, pigments Heat transfer agents Intermediates Laboratory chemicals Lubricants and lubricant additives Process regulators, other than polymerisation or vulcanisation processes Processing aid, not otherwise listed</p>	
PW-6: Professional end use as an additive	<p>Environmental release category (ERC):</p> <p>ERC 8a: Wide dispersive indoor use of processing aids in open systems ERC 8b: Wide dispersive indoor use of reactive substances in open systems ERC 8c: Wide dispersive indoor use resulting in inclusion into or onto a matrix ERC 8d: Wide dispersive outdoor use of processing aids in open systems ERC 8f: Wide dispersive outdoor use resulting in inclusion into or onto a matrix ERC 8e: Wide dispersive outdoor use of reactive substances in open systems ERC 9a: Wide dispersive indoor use of substances in closed systems ERC 9b: Wide dispersive outdoor use of substances in closed systems</p>	<p>Tonnage of substance: 999.9</p> <p>Substance supplied to that use: As such In a mixture</p> <p>Subsequent service life relevant for that use: no</p> <p>Link to the subsequent service life: A-1: Electronic and electrical equipment A-2: Metal articles A-3: Service life of paper and board products and textiles</p> <p>Remarks:</p>

Identifiers	Use descriptors	Other information
	<p>Process category (PROC):</p> <p>PROC 5: Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or significant contact)</p> <p>PROC 6: Calendering operations</p> <p>PROC 8a: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at non-dedicated facilities</p> <p>PROC 8b: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities</p> <p>PROC 9: Transfer of substance or preparation into small containers (dedicated filling line, including weighing)</p> <p>PROC 10: Roller application or brushing</p> <p>PROC 11: Non industrial spraying</p> <p>PROC 13: Treatment of articles by dipping and pouring</p> <p>PROC 14: Production of preparations or articles by tableting, compression, extrusion, pelletisation</p> <p>PROC 19: Hand-mixing with intimate contact and only PPE available.</p> <p>PROC 21: Low energy manipulation of substances bound in materials and/or articles</p> <p>PROC 23: Open processing and transfer operations with minerals/metals at elevated temperature</p> <p>PROC 24: High (mechanical) energy work-up of substances bound in materials and/or articles</p> <p>PROC 26: Handling of solid inorganic substances at ambient temperature</p> <p>Product Category used:</p> <p>PC 2: Adsorbents</p> <p>PC 9a: Coatings and paints, thinners, paint removes</p> <p>PC 14: Metal surface treatment products, including galvanic and electroplating products</p> <p>PC 18: Ink and toners</p> <p>PC 20: Products such as ph-regulators, flocculants, precipitants, neutralisation agents</p> <p>PC 24: Lubricants, greases, release products</p> <p>PC 25: Metal working fluids</p> <p>PC 26: Paper and board dye, finishing and impregnation products: including bleaches and other processing aids</p> <p>PC 32: Polymer preparations and compounds</p> <p>PC 34: Textile dyes, finishing and impregnating products; including bleaches and other processing aids</p> <p>Sector of end use:</p> <p>SU 5: Manufacture of textiles, leather, fur</p> <p>SU 6b: Manufacture of pulp, paper and paper products</p> <p>SU 10: Formulation [mixing] of preparations and/or re-packaging (excluding alloys)</p> <p>SU 12: Manufacture of plastics products, including compounding and conversion</p>	<p>ECHA's CHEMical Safety Assessment and Reporting tool (CHESAR) is not applicable because life-cycle description and generation of exposure scenarios leads to risk assessment requiring the use of models such as MEASE to address the inorganic nature of the substance.</p> <p>SU 10 has been removed in the latest version of the Use Descriptor guidance and therefore will not be available for selection in IUCLID 6</p>

Identifiers	Use descriptors	Other information
	<p>SU 15: Manufacture of fabricated metal products, except machinery and equipment SU 16: Manufacture of computer, electronic and optical products, electrical equipment</p> <p>Technical function of the substance during formulation:</p> <p>Colouring agents, pigments Heat transfer agents Lubricants and lubricant additives Process regulators, other than polymerisation or vulcanisation processes Processing aid, not otherwise listed laser-welding, laser-cutting, laser-writing, UV-absorber</p>	

Table 5. Consumer uses

Identifiers	Use descriptors	Other information
C-7: Consumer end use of products and materials containing the substance including use of paints, varnishes, coatings, thinners and paint removers	<p>Environmental release category (ERC):</p> <p>ERC 8a: Wide dispersive indoor use of processing aids in open systems ERC 8c: Wide dispersive indoor use resulting in inclusion into or onto a matrix ERC 8d: Wide dispersive outdoor use of processing aids in open systems ERC 8f: Wide dispersive outdoor use resulting in inclusion into or onto a matrix</p> <p>Product Category used:</p> <p>PC 9a: Coatings and paints, thinners, paint removes PC 18: Ink and toners PC 20: Products such as ph-regulators, flocculants, precipitants, neutralisation agents PC 32: Polymer preparations and compounds</p> <p>Technical function of the substance during formulation:</p> <p>Colouring agents, pigments Processing aid, not otherwise listed Heat transfer agents Process regulators, other than polymerisation or vulcanisation processes Stabilisers laser-welding, laser-cutting, laser-writing, UV-absorber</p>	<p>Tonnage of substance: 999.9</p> <p>Substance supplied to that use: In a mixture</p> <p>Subsequent service life relevant for that use: no</p> <p>Remarks: ECHA's CHEMical Safety Assessment and Reporting tool (CHESAR) is not applicable because life-cycle description and generation of exposure scenarios leads to risk assessment requiring the use of models such as MEASE to address the inorganic nature of the substance.</p>
C-8: Consumer end use of products and materials containing the substance including use of paper, paper and board products and textiles	<p>Environmental release category (ERC):</p> <p>ERC 8c: Wide dispersive indoor use resulting in inclusion into or onto a matrix ERC 8f: Wide dispersive outdoor use resulting in inclusion into or onto a matrix</p> <p>Product Category used:</p> <p>PC 26: Paper and board dye, finishing and impregnation products: including bleaches and other processing aids PC 34: Textile dyes, finishing and impregnating</p>	<p>Tonnage of substance: 999.9</p> <p>Substance supplied to that use: In a mixture</p> <p>Subsequent service life relevant for that use: yes</p> <p>Link to the subsequent service life: A-3: Service life of paper and</p>

Identifiers	Use descriptors	Other information
	<p>products; including bleaches and other processing aids</p> <p>Technical function of the substance during formulation:</p> <p>Colouring agents, pigments Process regulators, other than polymerisation or vulcanisation processes Processing aid, not otherwise listed</p>	<p>board products and textiles</p> <p>Remarks:</p> <p>ECHA's CHEMical Safety Assessment and Reporting tool (CHESAR) is not applicable because life-cycle description and generation of exposure scenarios leads to risk assessment requiring the use of models such as MEASE to address the inorganic nature of the substance.</p>
C-9: Consumer end use of lubricants, metal working fluids and greases containing the substance	<p>Environmental release category (ERC):</p> <p>ERC 8a: Wide dispersive indoor use of processing aids in open systems ERC 8d: Wide dispersive outdoor use of processing aids in open systems ERC 9a: Wide dispersive indoor use of substances in closed systems ERC 9b: Wide dispersive outdoor use of substances in closed systems</p> <p>Product Category used:</p> <p>PC 20: Products such as ph-regulators, flocculants, precipitants, neutralisation agents PC 24: Lubricants, greases, release products PC 25: Metal working fluids</p> <p>Technical function of the substance during formulation:</p> <p>Lubricants and lubricant additives Processing aid, not otherwise listed</p>	<p>Tonnage of substance: 999.9</p> <p>Substance supplied to that use:</p> <p>In a mixture</p> <p>Subsequent service life relevant for that use: yes</p> <p>Link to the subsequent service life:</p> <p>A-2: Metal articles</p>

Table 6. Article service life

Identifiers	Use descriptors	Other information
SL-1: Electronic and electrical equipment	<p>Article category related to subsequent service life (AC):</p> <p>AC 2: Machinery, mechanical appliances, electrical/electronic articles AC 3: Electrical batteries and accumulators</p> <p>Exposure related description of article:</p> <p>Articles with foreseeable impact on indoor exposure due to elevated operating temperature, e.g. computers Articles with particular waste collection and treatment schemes, e.g. electronic equipment</p> <p>Environmental release category (ERC):</p> <p>ERC 11a: Wide dispersive indoor use of long-life articles and materials with low release ERC 10a: Wide dispersive outdoor use of long-life articles and materials with low release ERC 12a: Industrial processing of articles with</p>	<p>Article used by:</p> <p>workers consumers</p> <p>Tonnage of substance: 999.9</p> <p>Typical concentration of the substance in article: 5.0</p> <p>Remarks:</p> <p>ECHA's CHEMical Safety Assessment and Reporting tool (CHESAR) is not applicable because life-cycle description and generation of exposure scenarios leads to risk assessment requiring the use of models such as MEASE to address the</p>

Identifiers	Use descriptors	Other information
	<p>abrasive techniques (low release) ERC 12b: Industrial processing of articles with abrasive techniques (high release)</p> <p>Process category (PROC): PROC 21: Low energy manipulation of substances bound in materials and/or articles PROC 22: Potentially closed processing operations with minerals/metals at elevated temperature. Industrial setting</p> <p>Technical function of the substance during formulation: Colouring agents, pigments Intermediates Processing aid, not otherwise listed</p>	<p>inorganic nature of the substance.</p>
SL-2: Metal articles	<p>Article category related to subsequent service life (AC): AC 7: Metal articles</p> <p>Exposure related description of article: Articles with foreseeable exposure to dust and fumes during maintenance and recycling processes, e.g. abrasive surface cleaning, dismantling and milling</p> <p>Environmental release category (ERC): ERC 12a: Industrial processing of articles with abrasive techniques (low release) ERC 12b: Industrial processing of articles with abrasive techniques (high release) ERC 10a: Wide dispersive outdoor use of long-life articles and materials with low release ERC 11a: Wide dispersive indoor use of long-life articles and materials with low release</p> <p>Process category (PROC): PROC 14: Production of preparations or articles by tableting, compression, extrusion, pelletisation PROC 21: Low energy manipulation of substances bound in materials and/or articles PROC 22: Potentially closed processing operations with minerals/metals at elevated temperature. Industrial setting PROC 23: Open processing and transfer operations with minerals/metals at elevated temperature PROC 24: High (mechanical) energy work-up of substances bound in materials and/or articles</p> <p>Technical function of the substance during formulation: Lubricants and lubricant additives Processing aid, not otherwise listed Colouring agents, pigments</p>	<p>Article used by: workers consumers</p> <p>Tonnage of substance: 999.9</p> <p>Typical concentration of the substance in article: 5.0</p> <p>Remarks: ECHA's CHEMical Safety Assessment and Reporting tool (CHESAR) is not applicable because life-cycle description and generation of exposure scenarios leads to risk assessment requiring the use of models such as MEASE to address the inorganic nature of the substance.</p>
SL-3: Service life of paper and board	<p>Article category related to subsequent service life (AC):</p>	<p>Article used by: workers</p>

Identifiers	Use descriptors	Other information
products and textiles	<p>AC 5: Fabrics, textiles and apparel AC 8: Paper articles</p> <p>Exposure related description of article: Articles with intended or foreseeable skin contact, e.g. clothing or shoe ware</p> <p>Environmental release category (ERC): ERC 11a: Wide dispersive indoor use of long-life articles and materials with low release ERC 10a: Wide dispersive outdoor use of long-life articles and materials with low release ERC 12a: Industrial processing of articles with abrasive techniques (low release) ERC 12b: Industrial processing of articles with abrasive techniques (high release)</p> <p>Process category (PROC): PROC 14: Production of preparations or articles by tableting, compression, extrusion, pelletisation PROC 21: Low energy manipulation of substances bound in materials and/or articles PROC 22: Potentially closed processing operations with minerals/metals at elevated temperature. Industrial setting PROC 23: Open processing and transfer operations with minerals/metals at elevated temperature</p> <p>Technical function of the substance during formulation: Colouring agents, pigments Process regulators, other than polymerisation or vulcanisation processes Processing aid, not otherwise listed</p>	<p>consumers</p> <p>Tonnage of substance: 999.9</p> <p>Typical concentration of the substance in article: 5.0</p> <p>Remarks: ECHA's CHEMical Safety Assessment and Reporting tool (CHESAR) is not applicable because life-cycle description and generation of exposure scenarios leads to risk assessment requiring the use of models such as MEASE to address the inorganic nature of the substance.</p>
SL-4: Service life of plastic articles	<p>Article category related to subsequent service life (AC): AC 13: Plastic articles</p> <p>Exposure related description of article: Articles with intended or foreseeable skin contact, e.g. clothing or shoe ware Articles with foreseeable impact on indoor exposure due to elevated operating temperature, e.g. computers</p> <p>Environmental release category (ERC): ERC 10a: Wide dispersive outdoor use of long-life articles and materials with low release ERC 11a: Wide dispersive indoor use of long-life articles and materials with low release ERC 12a: Industrial processing of articles with abrasive techniques (low release) ERC 12b: Industrial processing of articles with abrasive techniques (high release)</p> <p>Process category (PROC):</p>	<p>Article used by: consumers workers</p> <p>Tonnage of substance: 999.9</p> <p>Typical concentration of the substance in article: 5.0</p>

Identifiers	Use descriptors	Other information
	<p>PROC 14: Production of preparations or articles by tableting, compression, extrusion, pelletisation</p> <p>PROC 21: Low energy manipulation of substances bound in materials and/or articles</p> <p>PROC 22: Potentially closed processing operations with minerals/metals at elevated temperature. Industrial setting</p> <p>PROC 23: Open processing and transfer operations with minerals/metals at elevated temperature</p> <p>PROC 24: High (mechanical) energy work-up of substances bound in materials and/or articles</p> <p>Technical function of the substance during formulation:</p> <p>Colouring agents, pigments</p> <p>Heat transfer agents</p> <p>Process regulators, other than polymerisation or vulcanisation processes</p> <p>laser-welding, laser-cutting, laser-writing, UV-absorber</p>	