



## 2019-2020 DATA BOOK & BUYERS' GUIDE PRODUCT HEADING LIST

- Refer to products and product codes below for completion of your Data Book & Buyers' Guide Listing Form. Retain this for your files.
- Please review all sections carefully to locate applicable products and product codes.

### RAW/PROCESSED MATERIALS

<p>00080 ABRASIVE, Grain &amp; Powder</p> <p>00110 ACCELERATOR</p> <p>00140 ACID</p> <p>00170 ADDITIVE, Reinforcement</p> <p>00200 ALGINATE</p> <p>00230 ALKALINE EARTH &amp; ALKALINE EARTH COMPOUNDS</p> <p>00260 ALKALI &amp; ALKALI COMPOUNDS</p> <p>00290 ALLOY POWDER</p> <p>00320 ALUM</p> <p>00350 ALUMINA</p> <p style="padding-left: 20px;">00380 <i>Activated</i></p> <p style="padding-left: 20px;">00410 <i>Calcined</i></p> <p style="padding-left: 20px;">00440 <i>Colloidal</i></p> <p style="padding-left: 20px;">00470 <i>Fused</i></p> <p style="padding-left: 20px;">00500 <i>High-Purity</i></p> <p style="padding-left: 20px;">00530 <i>Hydrated</i></p> <p style="padding-left: 20px;">00560 <i>Platelet</i></p> <p style="padding-left: 20px;">00590 <i>Reactive</i></p> <p style="padding-left: 20px;">00620 <i>Single Crystal</i></p> <p style="padding-left: 20px;">00650 <i>Spray Dried</i></p> <p style="padding-left: 20px;">00680 <i>Tabular</i></p> <p style="padding-left: 20px;">00710 <i>Transformation-Toughened</i></p> <p style="padding-left: 20px;">00740 <i>Trihydrate</i></p> <p style="padding-left: 20px;">00770 <i>Zirconia-Toughened</i></p> <p>00800 ALUMINA FIBERS, Polycrystalline</p> <p>00830 ALUMINUM CARBIDE</p> <p>00860 ALUMINUM FLUORIDE</p> <p>00890 ALUMINUM HYDROXIDE</p> <p>00900 ALUMINUM NITRIDE</p> <p>00920 ALUMINUM NITRIDE POWDER</p> <p>00950 ALUMINUM OXIDE</p> <p style="padding-left: 20px;">00980 <i>Abrasive Grade</i></p> <p style="padding-left: 20px;">01010 <i>Fused Brown</i></p> <p style="padding-left: 20px;">01040 <i>Fused White</i></p> <p>01060 ALUMINUM PHOSPHATE, Mono Basic</p> <p>01070 ALUMINUM SHEET FOR ENAMELING</p> <p>01100 ALUMINUM SILICATE</p> <p>01130 ALUMINUM SULFATE</p> <p>01160 ALUMINUM TITANATE</p> <p>01190 AMBLYGONITE</p> <p>01220 AMMONIUM, Compounds of</p> <p>01230 AMMONIUM PARATUNGSTATE</p> <p>01250 ANDALUSITE</p> <p>01280 ANTI-SETTLING AGENT</p> <p>01310 ANTIMONY AND COMPOUNDS</p> <p>01340 ANTIMONY OXIDE</p> <p>01370 ANTIMONY SULFIDE</p> <p style="padding-left: 20px;">01400 <i>High-Purity</i></p> <p>01430 APLITE</p> <p>01460 ARSENIC</p> <p>01490 ARSENIC OXIDE</p> <p>01520 BADDELEYITE</p> <p>01550 BARIUM AND COMPOUNDS OF</p> <p style="padding-left: 20px;">01580 <i>Carbonate</i></p> <p style="padding-left: 20px;">01610 <i>Sulfate</i></p> <p style="padding-left: 20px;">01640 <i>Titanate</i></p> <p style="padding-left: 20px;">01670 <i>Zirconium Silicate</i></p> <p>01700 BAUXITE</p> <p style="padding-left: 20px;">01730 <i>Calcined</i></p>	<p>01760 <i>Sintered</i></p> <p>01790 BENTONITE</p> <p>01820 BERYL</p> <p>01850 BERYLLIA</p> <p>01880 BERYLLIUM &amp; BERYLLIUM COMPOUNDS</p> <p>01910 BINDER</p> <p>01940 BISMUTH OXIDE</p> <p>01970 BISMUTH TITANATE</p> <p>01980 BOEHMITE</p> <p>02000 BONE ASH</p> <p>02030 BORAX</p> <p style="padding-left: 20px;">02060 <i>Anhydrous</i></p> <p>02090 BORIC ACID</p> <p>02120 BORIDE</p> <p>02150 BORON &amp; BORON COMPOUNDS</p> <p>02180 BORON CARBIDE</p> <p style="padding-left: 20px;">02210 <i>Platelet</i></p> <p style="padding-left: 20px;">02240 <i>Whisker</i></p> <p>02270 BORON, Crystalline &amp; Amorphous</p> <p>02300 BORON NITRIDE</p> <p style="padding-left: 20px;">02330 <i>Diffusion Source Wafer</i></p> <p style="padding-left: 20px;">02360 <i>Fiber</i></p> <p>02390 BRUCITE</p> <p>02420 CADMIUM, Compounds of</p> <p>02450 CALCINED FIRE CLAY</p> <p>02480 CALCITE</p> <p>02510 CALCIUM ALUMINATE</p> <p>02540 CALCIUM ALUMINATE CEMENT</p> <p>02570 CALCIUM ALUMINUM SILICATE</p> <p>02600 CALCIUM BORIDE</p> <p>02630 CALCIUM CARBONATE</p> <p>02660 CALCIUM FLUORIDE</p> <p>02690 CALCIUM HEXABORIDE</p> <p>02720 CALCIUM MAGNESIUM SILICATE</p> <p>02750 CALCIUM METABORATE</p> <p>02780 CALCIUM NITRATE</p> <p>02810 CALCIUM OXIDE, Fused</p> <p>02840 CALCIUM SILICATE</p> <p style="padding-left: 20px;">02870 <i>Brick &amp; Block</i></p> <p>02900 CALCIUM SULFATE, Terra Alba, Glass Batch</p> <p>02930 CALCIUM TITANATE</p> <p>02960 CALCIUM ZIRCONATE</p> <p>02990 CALCIUM ZIRCONIUM SILICATE</p> <p>03020 CARBIDE, Tungsten</p> <p>03050 CARBON BLACK</p> <p>03080 CARBON-CARBON</p> <p>03110 CARBON &amp; GRAPHITE PRODUCTS</p> <p>03140 CARBON FIBER</p> <p>03170 CAUSTIC POTASH</p> <p>03200 CELESTITE</p> <p>03230 CELLULOSE, Microcrystalline</p> <p>03260 CERAMIC POWDER</p> <p>03290 CERIUM, Compounds of</p> <p>03320 CERIUM OXIDE</p> <p style="padding-left: 20px;">03325 <i>Aluminum</i></p> <p style="padding-left: 20px;">03330 <i>Nano</i></p> <p style="padding-left: 20px;">03335 <i>Zirconium</i></p> <p>03350 CERMET MATERIAL</p> <p>03380 CESIUM</p> <p>03410 CHROME &amp; CHROMIUM COMPOUNDS</p> <p>03440 CHROMITE</p>	<p>03470 CHROMIUM CARBIDE</p> <p>03500 CHROMIUM OXIDE</p> <p>03530 CLAY</p> <p style="padding-left: 20px;">03560 <i>Ball</i></p> <p style="padding-left: 20px;">03590 <i>Calcined</i></p> <p style="padding-left: 20px;">03620 <i>China</i></p> <p style="padding-left: 20px;">03650 <i>Enamel</i></p> <p style="padding-left: 20px;">03680 <i>Engobe</i></p> <p style="padding-left: 20px;">03710 <i>Fire or Refractory</i></p> <p style="padding-left: 20px;">03740 <i>Glass House</i></p> <p style="padding-left: 20px;">03770 <i>Glaze</i></p> <p style="padding-left: 20px;">03800 <i>Hydrous</i></p> <p style="padding-left: 20px;">03830 <i>Modeling</i></p> <p style="padding-left: 20px;">03860 <i>Sagger</i></p> <p style="padding-left: 20px;">03890 <i>Slip</i></p> <p style="padding-left: 20px;">03920 <i>Stoneware</i></p> <p style="padding-left: 20px;">03950 <i>Wad</i></p> <p>03980 COBALT AND COMPOUNDS OF</p> <p style="padding-left: 20px;">04010 <i>Oxide</i></p> <p style="padding-left: 20px;">04020 <i>Sulfate</i></p> <p>04040 COLEMANITE</p> <p>04070 COLLOIDAL ALUMINA</p> <p>04100 COLLOIDAL OXIDE</p> <p>04130 COLLOIDAL SILICA</p> <p>04160 COLORANT, Inorganic</p> <p>04190 CONCENTRATE, Rare Earth (Lanthanide)</p> <p>04220 CONDITIONER, Clay</p> <p>04250 COPPER</p> <p style="padding-left: 20px;">04280 <i>Carbonate</i></p> <p style="padding-left: 20px;">04310 <i>Oxide</i></p> <p style="padding-left: 20px;">04340 <i>Sulfate</i></p> <p>04370 CORDIERITE</p> <p style="padding-left: 20px;">04400 <i>Calcined</i></p> <p>04430 CORNWALL STONE</p> <p>04460 CROCUS MARTIS</p> <p>04490 CRYOLITE, Natural</p> <p>04520 CRYOLITE, Synthetic</p> <p>04550 CRYSTAL, Single</p> <p>04580 CYANIDE</p> <p>04610 DECOLORIZER</p> <p>04640 DEFLOCCULANT</p> <p>04670 DEXTRIN</p> <p>04700 DIATOMACEOUS EARTH</p> <p>04730 DIELECTRIC POWDER</p> <p>04760 DISPERSING AGENT</p> <p>04790 DOLOMITE</p> <p>04820 DYSPROSIUM OXIDE</p> <p>04850 ELECTROCONDUCTIVE POWDER</p> <p>04880 EPSOM SALT (Magnesium Sulfate)</p> <p>04910 ERBIUM OXIDE</p> <p>04940 EUROPIUM OXIDE</p> <p>04970 FELDSPAR</p> <p>05000 FERRIC OXIDE</p> <p>05030 FERRITE, Hard</p> <p>05060 FERRITE, Soft</p> <p>05090 FILLER, Ceramic</p> <p>05120 FILTRATION RATE ADDITIVE</p> <p>05150 FLINT</p> <p>05180 FLUORIDE</p> <p>05210 FLUORSPAR</p> <p>05240 FLUX</p> <p>05270 FORMALDEHYDE</p> <p>05300 FORSTERITE</p>
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05330	FUEL CELL MATERIAL	07490	LIMESTONE	09710	PETALITE
05340	<i>Insulation</i>	07520	LITHARGE	09740	PHOSPHATE
05360	FULLERENE	07540	LITHIUM	09770	PHOSPHOR
05390	FUNGICIDE	07550	<i>Aluminate</i>	09800	PIEZOELECTRIC COMPOSITIONS
05420	GADOLINIUM OXIDE	07580	<i>Carbonate</i>	09830	PIGMENT
05450	GALLIUM	07610	<i>Cobaltite</i>	09860	<i>Chromium Oxide</i>
05480	<i>Arsenide</i>	07640	<i>Fluoride</i>	09890	<i>Iron Oxide</i>
05510	<i>Oxide</i>	07670	<i>Manganite</i>	09920	<i>Lead</i>
05540	<i>Phosphide</i>	07700	<i>Minerals</i>	09950	<i>Titanium</i>
05570	GARNET	07730	<i>Oxide</i>	09980	<i>Zinc Oxide</i>
05600	GERMANIUM DIOXIDE	07760	<i>Salt</i>	10010	PLASTICIZER
05630	GERMANIUM OXIDE	07790	<i>Silicate</i>	10040	PLASTISOL
05660	GERSTLEY BORATE	07820	<i>Titanate</i>	10070	PLATELET, Alumina
05690	GLASS SAND	07850	<i>Zirconate</i>	10100	PLATELET, Silicon Carbide
05700	GLAZE CRYSTALS	07880	LOW-TEMPERATURE COFIRED CERAMIC POWDER	10130	PLATINUM, Bright Liquid
05720	GLYCERINE	07910	LUTETIUM OXIDE	10160	PLATINUM BURNISH
05750	GRAIN, Refractory	07940	MAGNESIA ALUMINA, Sintered	10190	POLYESTER RESIN
05780	GRAPHITE	07970	MAGNESIA CHROME, Fused	10220	POLYOXOMETALATE
05790	<i>Expandable</i>	08000	MAGNESITE	10250	POLYSILAZINE
05795	<i>Nano</i>	08030	<i>Dead Burned</i>	10280	POLYVINYL ACETATE
05810	<i>Pyrolytic</i>	08060	MAGNESIUM, Compounds of	10310	POLYVINYL BUTYRAL
05840	<i>Structural</i>	08090	MAGNESIUM ALUMINO SILICATE	10330	POTASSIUM AND COMPOUNDS OF
05870	<i>Vitreous</i>	08120	MAGNESIUM DIOXIDE	10340	<i>Bichromate</i>
05900	GUM	08150	MAGNESIUM OXIDE	10370	<i>Carbonate</i>
05930	GYPSPUM, Plaster	08180	<i>Fused</i>	10400	<i>Chloride</i>
05960	GYPSPUM CEMENT	08210	MAGNESIUM PHOSPHATE	10430	<i>Fluoride</i>
05990	HAFNIUM, Compounds of	08240	MAGNESIUM SILICATE, Anhydrous	10460	<i>Niobate</i>
06020	HAFNIUM OXIDE	08270	MAGNESIUM STEARATE	10490	<i>Nitrate</i>
06050	<i>High-Purity</i>	08300	MAGNESIUM ZIRCONATE	10520	<i>Phosphate</i>
06080	HALLOYSITE	08330	MAGNESIUM ZIRCONIUM SILICATE	10550	<i>Silicate</i>
06110	HECTORITE	08360	MAGNETITE	10580	<i>Silicon Fluoride</i>
06140	HEMATITE	08390	MANGANESE AND COMPOUNDS OF	10590	<i>Titanate</i>
06170	HOLMIUM OXIDE	08420	<i>Dioxide</i>	10610	POWDER
06200	HYDROCHLORIC ACID	08450	<i>Oxide</i>	10640	<i>Ceramic</i>
06230	ICE COLOR	08480	<i>Sesquioxide</i>	10670	<i>Dielectric</i>
06260	ILLITE	08510	MARBLE DUST	10700	<i>Electroconductive</i>
06290	ILMENITE	08540	METAL POWDER	10730	<i>Graphite Grains</i>
06300	INDIUM	08570	METALLIC SALT	10760	POWDER BLUE
06320	<i>Inorganic</i>	08600	METALLIC SOAP	10790	POWDERED METAL
06350	<i>Oxide</i>	08630	METALLIZING COMPOUND	10820	<i>Precious</i>
06380	<i>Phosphide</i>	08660	MICA	10850	PRASEODYMIUM OXALATE
06410	INTERMETALLIC POWDER	08690	<i>Glass-Bonded</i>	10880	PRASEODYMIUM OXIDE
06440	IRON, Casting	08720	MICACEOUS IRON OXIDE	10910	PRECURSOR, Ceramic
06470	IRON CHROMATE	08730	MICROPARTICLES	10940	PROCESSING MATERIAL
06500	IRON CHROMITE	08750	MICROSILICA	10970	PUMICE
06530	IRON OXIDE	08780	MOLD FLUX POWDER	11000	PYRITE
06560	<i>Micaceous</i>	08810	MOLOCHITE	11030	PYROPHYLLITE
06590	IRON PYRITE	08840	MOLYBDENUM, Compounds of	11060	QUARTZ
06620	IRON SILICATE	08870	MONTMORILLONITE	11090	RARE EARTHS (Also See Lanthanides)
06650	IRON SULFATE	08900	MULLITE	11120	RARE EARTHS & THORIUM COMPOUNDS
06680	KAOLIN, Calcined	08930	<i>Calcined</i>	11150	REFRACTORY OXIDE
06710	KAOLIN, Hydrrous	08960	<i>Calcined Kyanite</i>	11180	RESIN
06740	KYANITE	08990	<i>Fused</i>	11210	RESINATE SOLUTION
06770	LAGUNA BORATE	09020	<i>Precision Casting</i>	11240	RHODIUM SESQUIOXIDE
06800	LAMP BLACK	09050	<i>Sintered</i>	11270	ROUGE
06830	LANTHANIDES (Also See Rare Earths)	09080	NANOMATERIAL	11300	RUBIDIUM
06860	LANTHANUM CARBONATE	09110	NEODYMIUM CARBONATE	11330	RUTILE
06890	LANTHANUM OXIDE	09140	NEODYMIUM OXIDE	11360	<i>Synthetic</i>
06920	LANTHANUM STRONTIUM MANGANITE (LSM)	09170	NEPHELINE SYENITE	11390	SALTPETER
06950	LANTHANUM TITANATE	09190	NICKEL AND NICKEL ALLOYS	11420	SAMARIUM OXIDE
06980	LEAD	09200	<i>Carbonate</i>	11450	SAND
07010	<i>Litharge</i>	09290	<i>Oxide</i>	11480	<i>Blasting</i>
07040	<i>Red</i>	09300	<i>Powder</i>	11510	<i>Drying</i>
07070	<i>White</i>	09320	<i>Sulfate</i>	11540	<i>Feldspathic</i>
07100	LEAD BISILICATE	09340	NIOBIUM	11570	<i>Foundry</i>
07130	LEAD BORATE	09350	<i>Chloride</i>	11600	<i>Glass</i>
07160	LEAD CARBONATE	09380	<i>Ethoxide</i>	11630	<i>Ground</i>
07190	LEAD CHEMICALS	09410	<i>Hydrate</i>	11660	<i>High-Purity Silica</i>
07220	LEAD MONOSILICATE	09440	<i>Oxalate</i>	11690	<i>Placing</i>
07250	LEAD OXIDE	09470	<i>Oxide</i>	11720	<i>Pottery</i>
07280	LEAD SILICATE	09500	<i>Pentoxide</i>	11750	<i>Zircon</i>
07310	LEAD SULFIDE	09530	OCHRE	11780	SAPPHIRE
07340	LEAD ZIRCONATE TITANATE	09560	OLIVINE	11810	SCANDIUM OXIDE
07370	LECITHIN	09590	OPACIFIER	11840	<i>High-Purity</i>
07400	LIGNOSULFONATE	09620	ORGANIC PRECURSOR	11870	SELENIUM AND COMPOUNDS OF
07430	LIME	09650	ORGANOMETALLIC PRECURSOR	11900	<i>Powder</i>
07460	<i>Burned</i>	09680	ORGANOSOL	11930	SEMICONDUCTOR MATERIAL

11960 SIALON  
 11990 SILICA  
 12020 Colloidal  
 12050 Fumed  
 12080 Fused  
 12110 Microcrystalline  
 12140 SILICA FUME  
 12170 SILICA GEL, Synthetic Amorphous  
 12200 SILICATE  
 12230 SILICON  
 12260 SILICON CARBIDE  
 12290 CVD Precursors  
 12295 CVD Silicon Carbide  
 12320 Fibers  
 12350 Platelets  
 12380 Semiconductor Grade  
 12410 Whiskers  
 12440 SILICON METAL POWDER  
 12470 SILICON NITRIDE  
 12500 SILICON NITRIDE WHISKERS  
 12530 SILICON POWDER  
 12560 SILICON TETRACHLORIDE  
 12590 SILLIMANITE  
 12600 SILVER  
 12620 Carbonate  
 12650 Chloride  
 12680 Nitrate  
 12710 Oxide  
 12740 SLIP STAIN  
 12770 SODA, Caustic  
 12800 SODA ASH  
 12820 SODIUM AND COMPOUNDS OF  
 12830 Aluminate  
 12860 Antimonate  
 12890 Banzoate  
 12920 Bicarbonate  
 12950 Bichromate  
 12980 Bifluoride  
 13010 Chloride  
 13040 Chromate  
 13070 Fluoride  
 13100 Metasilicate  
 13130 Nitrate  
 13160 Nitrite  
 13190 Selenite  
 13220 Sesquicarbonate  
 13250 Silicate  
 13280 Silicofluoride  
 13310 Sulfate  
 13340 Sulfide  
 13370 Sulfinite  
 13400 Tetraphosphate  
 13420 Titanate  
 13430 Zirconium Silicate  
 13460 SOL-GEL  
 13465 Rare Earth  
 13470 Rare Earth Zirconium  
 13475 Zirconium  
 13490 SOL-GEL POWDER  
 13520 SOLDER  
 13550 SOLID OXIDE FUEL CELL MATERIAL  
 13580 SOLUTION, Resinate  
 13610 SOLVENT  
 13640 SPINEL  
 13670 Calcined  
 13700 Fused  
 13730 High-Purity  
 13760 Magnesium Aluminate  
 13790 Sintered  
 13820 SPODUMENE  
 13850 STAIN, Body  
 13880 STANNATE  
 13910 STANNIC OXIDE  
 13940 STANNOUS OXIDE  
 13970 STEARATE  
 14000 STEATITE  
 14030 STRONTIUM & STRONTIUM COMPOUNDS

14060 Carbonate  
 14090 Titanate  
 14120 SUBSTRATES  
 14150 SULFUR  
 14180 SUSPENDING AGENT  
 14210 TALC  
 14240 TALLOW OIL  
 14260 TANTALUM AND COMPOUNDS OF  
 14270 Chloride  
 14300 Ethoxide  
 14330 Oxide  
 14360 TELLURIUM  
 14390 TERBIUM OXIDE  
 14420 TERRA ALBA  
 14450 TETRASODIUM PYROPHOSPHATE  
 14480 THIXOTROPE  
 14510 THORIUM OXIDE  
 14540 THULIUM OXIDE  
 14570 TIN OXIDE  
 14600 Hydrated, Catalyst Grade  
 14630 TIN TETRACHLORIDE  
 14660 TITANATE  
 14690 TITANIUM CARBIDE  
 14720 TITANIUM DIBORIDE  
 14750 TITANIUM DIOXIDE  
 14780 Functional  
 14810 High-Purity  
 14840 Photocatalytic  
 14870 TITANIUM NITRIDE  
 14900 TRICHLOROETHYLENE  
 14930 TUNGSTEN CARBIDE  
 14960 TUNGSTEN OXIDE  
 14990 UMBER  
 15020 URANIUM  
 15050 Carbide  
 15080 Dioxide  
 15110 Nitride  
 15140 URANYL SODIUM CARBONATE  
 15170 UREA  
 15180 VANADIUM AND COMPOUNDS OF  
 15200 Oxide  
 15230 Pentoxide  
 15260 Trioxide  
 15290 VERMICULITE  
 15320 VOLCANIC ASH  
 15350 WHISKERS  
 15380 Alumina  
 15410 Boron Carbide  
 15440 Sialon  
 15470 Silicon Carbide  
 15500 Silicon Nitride  
 15530 WHITING  
 15560 WOLLASTONITE  
 15590 YTTERBIUM OXIDE  
 15620 YTTRIA TETRAGONAL ZIRCONIA POLYCRYSTAL  
 15650 YTTRIUM CHLORIDE, Anhydrous  
 15680 YTTRIUM, Oxide & Chemicals  
 15710 ZINC AND COMPOUNDS OF  
 15740 Dust  
 15770 Metal  
 15800 Oxide  
 15830 Selenide  
 15860 Stearate  
 15890 Sulfate  
 15920 Sulfide  
 15950 Zirconium Silicate  
 15980 ZIRCON  
 16010 Crude  
 16040 Dissociated  
 16070 Milled  
 16080 Sillimanite  
 16100 ZIRCONAL PHOSPHATE  
 16130 ZIRCONATE  
 16160 ZIRCONIA  
 16170 Balls  
 16190 Engineering Grade  
 16200 Fused  
 16220 Partially Stabilized

16250 Refractory Grade  
 16260 Yttria-Stabilized  
 16280 ZIRCONIA HYDROXIDE  
 16310 ZIRCONIA MULLITE  
 16340 ZIRCONIA-ALUMINA  
 16350 ZIRCONIUM ACETATE  
 16370 ZIRCONIUM CARBIDE  
 16400 ZIRCONIUM CARBONATE  
 16430 ZIRCONIUM COMPOUNDS  
 16460 ZIRCONIUM DIBORIDE  
 16470 ZIRCONIUM HYDROXIDE  
 16490 ZIRCONIUM OXIDE  
 16500 Aluminum  
 16510 Cerium  
 16520 High-Purity  
 16525 Nano  
 16530 ZIRCONIUM OXYCHLORIDE  
 16550 ZIRCONIUM SILICATE  
 16580 ZIRCONIUM SPINEL

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**MANUFACTURED MATERIALS/FINISHED PRODUCTS**

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20030 ADHESIVE  
 20035 Ceramic  
 20037 Epoxy  
 20040 Mounting  
 20050 Water-Soluble  
 20060 ADSORBANT AND CATALYST  
 20090 ALLOY  
 20120 Acid-Resisting  
 20150 Heat-Resisting  
 20180 Metalizing  
 20210 Wear-Resisting  
 20230 BODIES  
 20240 Alumina  
 20270 Wall Tile  
 20300 CATALYST  
 20330 CEMENT  
 20360 Gypsum  
 20390 High-Temperature  
 20420 Masonry  
 20450 Portland  
 20480 Refractory  
 20510 CEMENT MORTAR, High-Alumina  
 20520 CERAMIC  
 20525 Advanced/Technical  
 20550 Component, Finished  
 20551 Cover Plate  
 20552 Filter  
 20553 Flexible  
 20556 Foil  
 20557 Liner  
 20560 Part, Finished  
 20563 Porous  
 20565 Reaction-Bonded  
 20566 Sparger  
 20567 Structural  
 20570 Tape  
 20575 Wear/Corrosion-Resistant  
 20600 CLEANING COMPOUND, Brick, Tile  
 20630 COATING  
 20660 Boron Nitride  
 20690 Ceramic  
 20695 CVD-SiC  
 20720 Diamond  
 20750 High-Heat-Resisting  
 20760 HVOF (high-velocity oxygen fuel)  
 20770 Plasma  
 20780 Superconductor  
 20810 Thermal Spray  
 20820 Ultraviolet  
 20840 Zirconia  
 20850 COMPONENTS  
 20852 Alumina  
 20855 Porous Alumina  
 20858 Zirconia  
 20860 DEFOAMER

20870 DEGREASING SOLVENT  
20890 DIAMOND  
20900 *Coating, Composite*  
20930 *Compound & Powder*  
20940 *Industrial*  
20960 *Pump Spray*  
21020 EPOXY CEMENT & RESIN  
21050 FIBER, Ceramic  
21080 FORMULATED CLAY BODY  
21110 FOUNDRY FACING MATERIAL  
21120 GLASS  
21140 *Fiber*  
21170 *Powdered*  
21200 *Preform*  
21225 GLAZE FIXTURE  
21230 GROG  
21260 INGOT, Electron Beam Physical Vapor Deposition  
21290 INJECTION MOLDING COMPOUND, Ceramic  
21295 INK  
21300 *High-Temperature*  
21320 *Inorganic*  
21350 *Organic*  
21380 LUBRICANT  
21410 *Colloidal Graphite*  
21440 *Glass Machinery*  
21470 *Hand Tool*  
21500 *High-Temperature*  
21530 *Molybdenum Disulfide*  
21560 MACHINABLE CERAMIC  
21570 MEMBRANE  
21575 *Battery*  
21590 MICROSPHERE, Hollow  
21620 MICROWAVE COMPOSITIONS  
21650 PASTE  
21680 *Conductor*  
21710 *Solder*  
21740 *Thick-Film*  
21760 PHOSPHONATE  
21765 PLASTER  
21770 *Gypsum*  
21800 *Industrial*  
21830 *Plaster of Paris*  
21860 *Pottery*  
21890 POWDER, Air Plasma Spray  
21920 PREFORM, Glass  
21950 PREPARED CERAMIC BODY  
21960 PRESSING AID  
21970 SETTING ACCELERATOR  
21975 SHEET, Flexible Ceramic  
21980 SOLDER  
22010 SPHERE, Ceramic  
22040 SPHERE, Glass  
22045 SUBSTRATE  
22050 *Cryogenic*  
22055 *Heater*  
22060 *Superconductor*  
22070 SUPERABRASIVE  
22100 SUPERCONDUCTOR MATERIAL  
22130 SURFACTANT  
22160 SWABBING COMPOUND, Container Glass Mold  
22190 TARGET, Ceramic  
22220 THERMAL BARRIER MATERIAL  
22240 TUBE, Porous  
22250 WAFER, Diffusion Source; Boron Nitride  
22280 WAX

### **BATCHING/MATERIAL HANDLING**

25030 ABRASION-RESISTANT LINING  
25060 AGGLOMERATOR  
25090 AGGREGATING SYSTEM, Glass  
25120 AGITATOR  
25150 ARTICULATED LOADER  
25180 AUTOMATIC BATCHING

25210 AXLE, Car  
25240 BAG, Paper  
25270 BAG, Plastic  
25300 BAG EMPTIER  
25330 BAG PACKER  
25360 BAGGING, Custom  
25390 BATCH HANDLING EQUIPMENT  
25420 *Pneumatic*  
25450 BATCH MIXER  
25480 BATCHER, Weighing & Measuring  
25510 BATCHING PLANT & SYSTEM  
25540 BEARING  
25570 BELTING  
25600 *Steel*  
25630 BIN, Storage  
25660 BIN DISCHARGER  
25690 BLADE/IMPELLER, Dispersing  
25720 BLENDER  
25750 *Auger*  
25780 *Conical & Pneumatic*  
25810 *Gyrospheric*  
25840 *Paddle*  
25870 *Plaster*  
25900 *Rotary*  
25930 *Spiral*  
25960 *Variable-Speed*  
25990 BLOWER  
26020 *Centrifugal*  
26050 *High-Temperature*  
26080 BLUNGER  
26110 BOX, Tote  
26140 BRICK DELIVERY SYSTEM  
26170 BRICK FORK  
26200 BRICK SETTING, Automatic  
26230 CABLE, Electric Insulated  
26260 CAR, Batch, Weighing & Mixing  
26290 CAR LOADER & UNLOADER  
26320 CAR MOVER, Electric  
26350 CAR MOVER, Hydraulic  
26380 CAR PULLER  
26410 CAR PUSHER, Kiln  
26440 CAR PUSHER, Railroads  
26470 CAR SETTING ELEVATOR  
26500 CHAIN  
26530 CLASSIFICATION, Custom  
26560 CLASSIFIER  
26590 *Air*  
26620 *Hydraulic*  
26650 *Sand*  
26680 CLOTH, Bolting  
26710 CLUTCH  
26740 COAL HANDLING EQUIPMENT  
26770 COLLOID MILL  
26800 COMPRESSOR, Air  
26830 COMPRESSOR, Gas  
26860 CONTAINER  
26890 CONVEYOR  
26920 *Abrasive-Resistant*  
26950 *Alloy*  
26980 *Apron*  
27010 *Belt*  
27040 *Bucket*  
27070 *Cable*  
27100 *Continuous Power*  
27130 *Drag Chain*  
27160 *Electric Vibrating*  
27190 *Elevating*  
27220 *Flat Wire*  
27250 *Gravity*  
27280 *I-Beam*  
27310 *Mechanical Vibrating*  
27340 *Overhead*  
27370 *Pneumatic*  
27400 *Portable*  
27430 *Roller & Live Roller*  
27460 *Scraper*  
27490 *Screw*  
27520 *Single Line*  
27550 *Steel Belting*

27580 *Trolley*  
27610 *Wire Rope*  
27640 CONVEYOR PLATE  
27670 CONVEYOR ROLL  
27700 COOLING SYSTEM  
27730 CRANE, Material Handling  
27760 CRANE, Truck Mounted  
27790 CRUSHER  
27820 *Gyratory*  
27850 *Hammer Mill*  
27880 *Impact*  
27910 *Jaw*  
27940 *Laboratory*  
27970 *Primary*  
28000 *Ring*  
28030 *Roll & Shell*  
28060 DEAERATOR, Vacuum  
28090 DEFOAMING AGENT  
28120 DISINTEGRATOR  
28150 DRIVE  
28180 DRYER  
28210 *Flash*  
28240 *Fluid Bed*  
28270 *Rotary*  
28300 *Rotating Tray*  
28330 *Sand*  
28360 *Special*  
28390 *Spray*  
28420 ELEVATOR, Bucket  
28450 FAN  
28480 *Mechanical Draft*  
28510 FEEDER  
28540 *Batch*  
28570 *Blanket Batch*  
28600 *Breaker*  
28630 *Constant Vibrating*  
28660 *Disk*  
28690 *Distributing*  
28720 *Electric Vibrating*  
28750 *Glass, Hot*  
28780 *Gravimetric*  
28810 *Pneumatic Vibrating*  
28840 *Proportioning*  
28870 *Rotary, Air Lock*  
28900 *Screw*  
28930 *Weighing*  
28960 FEEDING & FILLING MACHINE, Bag  
28990 FILM, Stretch  
29020 FILTER MEDIA  
29050 *Ceramic*  
29080 FILTER PRESS CLOSER  
29110 FILTER PRESS CLOTH  
29140 FLOCCULANT  
29170 FLUID BED GRANULATOR  
29200 FLUX  
29230 FOAM GENERATOR  
29260 FOAMING AGENT  
29290 FUNGICIDE  
29320 GASKET  
29350 GATHERING FRAME  
29380 GEARMOTOR  
29410 GELLING AGENT  
29440 GENERATOR, Automatic Steam  
29470 GENERATOR, Electric  
29500 GLASS RECYCLE MACHINE  
29530 GOB FEEDER  
29560 GRADER, Accurate Sizing  
29590 GRANULATOR  
29620 *Spray*  
29650 GRINDER  
29680 *Impact*  
29710 *Laboratory*  
29740 *Laboratory, Wet Milling*  
29770 *Muller*  
29800 *Pulverizing*  
29830 *Rim*  
29860 *Wet Milling*  
29890 GRINDING MEDIA  
29920 HAMMER MILL CONTROLLER

29950 HAMMER MILL HAMMER  
 29980 HOIST  
 30010 HOPPER  
 30040 *Self-Dumping Storage*  
 30070  
 30100 HOSE, Air  
 30130 HYDROCYCLONE APEX  
 30160 IDLER, Conveyor Belt  
 30190 KILN LOADING, Automatic  
 30220 LINING, Plastic  
 30250 LOADER, Brick & Block  
 30280 LOADER, Pallet Car  
 30310 LOCOMOTIVE  
 30340 MACHINERY, Expanded Aggregate  
 30370 MACHINERY, Lightweight Aggregate  
 30400 MAGNET  
 30430 MATERIAL HANDLING EQUIPMENT  
 30460 METAL DETECTOR  
 30490 MILL  
 30520 *Attritor*  
 30550 *Ball*  
 30580 *Balls & Linings for Cryogenic*  
 30610  
 30640 *Hammer*  
 30670 *Impact*  
 30700 *Jar*  
 30730 *Jet*  
 30760 *Laboratory*  
 30790 *Pebble*  
 30820 *Pendular*  
 30850 *Pulverizing*  
 30880 *Rod*  
 30910 *Roller*  
 30940 *Rubber-Lined*  
 30970 *Stone Separating*  
 31000 *Tumbling*  
 31030 *Vertical*  
 31060 *Vibratory*  
 31090 *Wet Grinding*  
 31120 MILL LINING  
 31150 MILL, Abrasion-Resistant  
 31180 MINING AND BENEFICIATION EQUIPMENT  
 31210 MIXER  
 31240 *Batch*  
 31270 *Clay*  
 31300 *Drum*  
 31330 *Pneumatic*  
 31360 *Portable*  
 31390 *Vacuum*  
 31420 MIXER REPLACEMENT PARTS  
 31450 MIXERS & MIXING EQUIPMENT  
 31480 MOTOR, Dust Proof  
 31510 MOTORS & GENERATORS, Electric  
 31540 MULLER  
 31570 MULLER TIRE  
 31600 NOZZLE  
 31630 *Air Spray*  
 31660 *Liquid Spray*  
 31690 *Sand Blast*  
 31720 PACKAGING, Custom  
 31750 PACKAGING EQUIPMENT  
 31780 *Brick*  
 31810 PACKAGING MATERIAL  
 31840 PACKER, Bag  
 31870 PALLET CAR  
 31900 PALLET LOADER, Automatic  
 31930 PALLETIZING SHRINK SYSTEM  
 31960 PALLETS & TRAYS  
 31990 PAN, Dry & Wet  
 32020 PARTICLE SIZER  
 32050 PEBBLE, Grinding  
 32080 PIPING, Air & Water  
 32110 PLASTIC SHEETING  
 32140 PLATE, Filter Press  
 32150 POTTERY SUPPLIES & EQUIP.  
 32170 PROPORTIONING EQUIPMENT, *Batch*  
 32200 PULLEY

32230 PULVERIZER  
 32260 *Air Separation*  
 32290 *Jet*  
 32320 *Screw Feed*  
 32350 PUMP  
 32380 *Acid & Alkaline Solution*  
 32410 *Air-Operated*  
 32440 *Centrifugal*  
 32470 *Corrosion-Proof*  
 32500 *Diaphragm*  
 32530 *Drum*  
 32560 *Explosion-Proof*  
 32590 *Gas*  
 32620 *Hydraulic Press*  
 32650 *Metering Proportioning*  
 32680 *Oil*  
 32710 *Peristaltic*  
 32740 *Piston or Plunger*  
 32770 *Rotary*  
 32800 *Slip*  
 32830 *Sludge*  
 32860 *Sump*  
 32890 *Vacuum*  
 32920 PUMP LINER/SUCTION  
 32950 RACK, Drying  
 32980 RACK, Processing  
 33010 RELEASE AGENT  
 33040 ROLL, Fine Grinding  
 33070 ROLL, Mills  
 33100 ROLLER MILL  
 33130 RUBBER GASKET  
 33160 RUBBER O'RING  
 33190 SAGGER HANDLING SYSTEM OR EQUIPMENT  
 33220 SCALE SYSTEM  
 33250 SCALE  
 33280 *Automatic Conveyor*  
 33310 *Hopper*  
 33340 SCREEN  
 33370 *Centrifugal*  
 33400 *Electric Heating*  
 33430 *Gyrocentric*  
 33460 *Laboratory*  
 33490 *Liquid*  
 33520 *Perforated Metal*  
 33550 *Portable Vibrating*  
 33580 *Revolving*  
 33610 *Vibrating*  
 33640 SCREEN PLATE  
 33670 SCREENS & SCREENING EQUIPMENT  
 33700 SEPARATOR  
 33730 *Air*  
 33760 *Air, Laboratory*  
 33790 *Cyclone & Impingement*  
 33820 *Electrostatic*  
 33850 *Magnetic*  
 33880 *Ultrasonic*  
 33910 SETTING MACHINE, Brick  
 33940 SETTING MACHINE, Roof Tile  
 33970 SHAFT SEAL  
 34000 SHAKER, Sieve  
 34030 SHEAVE  
 34060 SHREDDER, Clay  
 34090 SHRINK PACKAGING SYSTEM  
 34120 SHRINK TUNNEL  
 34150 SIEVE, Testing  
 34180 SIEVE, Vibrating  
 34210 SIFTER, Industrial  
 34240 SINTERING AID  
 34270 SIZE REDUCTION EQUIPMENT  
 34300 SPECIAL MACHINERY  
 34330 SPEED REDUCER  
 34360 SPRING, Fiber & Rubber  
 34390 SPROCKET  
 34420 STARTER, Motor  
 34450 STORAGE SYSTEM  
 34480 STRAINER, Miscellaneous  
 34510 STRAPPING EQUIPMENT

34540 STRAPPING STEEL  
 34570 STRETCH PACKAGING SYSTEM  
 34600 SWEEPER, Floor  
 34630 TABLE, Concentrating  
 34660 TANK  
 34690 *Aluminum*  
 34720 *Enamel Agitator*  
 34750 *Pickling*  
 34780 *Stainless*  
 34810 *Steel*  
 34840 *Welded*  
 34870 TILE SETTER-LOADER, Automatic  
 34900 TRANSDUCER  
 34930 TRANSFORMER, Electric  
 34960 TRIPPER, Belt Conveyor  
 34990 TRUCK, Forklift  
 35020 TRUCK, Platform  
 35050 TUBE, Plastic  
 35080 TUBE MILL  
 35110 TUMBLER, Drum  
 35140 TURNTABLE  
 35170 UNLOADER, Brick  
 35200 VACUUM CHUCK  
 35230 VACUUM HANDLING PRODUCTS  
 35260 VALVE  
 35290 *Hydraulic*  
 35320 *Motorized*  
 35350 *Pneumatic*  
 35380 *Relief*  
 35410 *Safety*  
 35440 VIBRATOR, Bin  
 35470 VISCOSITY STABILIZER  
 35500 WAD MILL  
 35530 WARE PROTECTION, Glass Container  
 35560 WARE TRANSFER, Automatic  
 35590 WATER HEATER, Large Capacity  
 35620 WEIGHER, Conveyor  
 35650 WETTING AGENT  
 35680 WHEEL, Wheel Assemblies  
 35710 WHIRLER  
 35740 WINCH  
 35770 WIRE, Nickel & Nickel Alloy  
 35800 WIRE & CABLE, Electric  
 35830 WIRE SCREENING CLOTH

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## FORMING/FINISHING

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38030 ABRASIVE  
 38060 *Air-Propelled*  
 38070 *Belt*  
 38090 *Diamond*  
 38150 *Slurry*  
 38180 *Wheel*  
 38210 ACCESSORIES, Pottery  
 38240 AUGER EXTRUSION MACHINE  
 38270 AUTOMATIC CUP TOPPER  
 38300 AUTOMATIC MACHINERY, Insulator-Turning  
 38330 BARREL FINISHING MEDIA  
 38360 BATTERY CASTING MACHINE  
 38390 BELT, Film Casting  
 38400 BLADE  
 38405 *Resin Bond Dicing*  
 38407 *Resin Bond Diamond*  
 38420 BORE FINISHING MACHINE  
 38450 BRICK CORE  
 38480 BRICK CUTTING SAW  
 38510 BRICK FACER  
 38540 BRICK MACHINE  
 38570 *Automatic Hand Mold*  
 38600 *Concrete*  
 38630 *Dry Press*  
 38660 *Hacking*  
 38690 *Mold Liners*  
 38720 *Sand Liners*  
 38750 *Soft Mud*  
 38780 *Stacking*

38810 *Stiff Mud*  
38840 BRUSH, Air  
38870 BRUSHING MACHINE, Pottery  
38900 CBN BORE FINISHING TOOL  
38930 CNC MACHINING, Vision-Assisted  
38960 CASTING MACHINE  
38990 *Battery*  
39020 *Incremental*  
39050 *Microwave*  
39080 *Pressure*  
39110 CERAMIC DIE  
39140 CERAMIC MACHINING EQUIPMENT  
39170 CLAY CLEANING EQUIPMENT  
39200 COATING EQUIPMENT  
39230 *Machine, Battery*  
39260 *Supplies*  
39290 COMPACTION, Roll; High Shear  
39320 CONCRETE BLOCK MACHINE  
39350 CUP TURNING MACHINE  
39370 CUTTING EQUIPMENT  
39380 *Brick & Tile*  
39410 *Clay Pipe*  
39470 *Tool*  
39500 CVD COATING EQUIPMENT  
39530 CYLINDER, Hydraulic Power  
39560 DEAIRING EQUIPMENT  
39590 DEBURRING, Deflashing  
39620 DEHACKER  
39640 DIAMOND  
39680 *Bore Finishing Tool*  
39710 *Boring Tool*  
39740 *Coating*  
39770 *Core Drill*  
39800 *Disc*  
39830 *Dressing Roll, Block, Saw*  
39860 *Drill*  
39890 *Hand Pad*  
39920 *Hone*  
39950 *Mandrel*  
39960 *PCD Tooling*  
39980 *Saw Blade*  
40010 *Tool*  
40040 DICING MACHINE  
40130 DIES & DIE ACCESSORIES  
40140 *Liner & Pad*  
40150 *Resin*  
40160 DOWNDRAFT TABLE  
40190 DRESSING TOOL, Diamond  
40220 DRILL, Core  
40250 ELECTROPLATING EQUIPMENT  
40280 EXTRUSION MACHINE  
40310 FEEDER  
40340 FELT, Polishing  
40370 FETTLING MACHINE, Tile  
40400 FLOWER POT MACHINERY  
40430 FOOTSPONGING MACHINE, Automatic  
40460 FORMING MACHINE, 3-Dimensional  
40490 GLASS, Hot End Coating  
40520 GLASS MACHINE  
40550 *Automatic*  
40580 *Blowing*  
40610 *Pressing*  
40640 *Semiautomatic*  
40670 GRINDER  
40700 *Centerless*  
40730 *Creep Feed*  
40760 *Cylindrical*  
40790 *Finished Product*  
40820 *Lapping*  
40850 *Polishing*  
40880 GRINDING FLUID  
40910 GRINDING MACHINE  
40940 GRINDING WHEEL  
40970 HANDLE CASTING MACHINE  
41000 HOOD, Hot End Coater  
41030 HYDRAULIC MACHINERY  
41060 INJECTION MOLDING EQUIPMENT

41090 INSULATOR FINISHING DRY GRINDING MACHINE  
41120 INSULATOR FORMING & DRYING SYSTEM  
41140 JIGGERS & JOLLEYS  
41150 *Automatic*  
41180 *Semiautomatic*  
41240 KNIFE, Pug Mill  
41270 LAPPING & POLISHING EQUIPMENT  
41280 *Compound*  
41300 *Custom*  
41360 *Stick, Stone, Brush*  
41390 *Wheel, Felt*  
41420 LATHE  
41450 LINING MACHINE  
41480 MACHINES  
41510 *Automatic Dinnerware Forming*  
41540 *Brick Facing*  
41570 *Brick Forming*  
41600 *Cut-Off*  
41630 *Cutting*  
41660 *Free-Abrasive/Lapping*  
41690 *Glass Container*  
41720 *Hacking*  
41750 *Insulator-Turning*  
41780 *Lapping*  
41810 *Parts*  
41840 *Plastic Pressing*  
41870 *Polishing*  
41900 *Printed, Wire Glass*  
41930 *Tile Cutting*  
41960 *Window Glass*  
41990 MANDREL, Diamond  
42020 METAL MOLD CASE  
42050 MILL, CNC  
42080 MOLD  
42110 *Brick*  
42140 *Dry Press*  
42170 *Metal, Electrical Porcelain, Glass, Etc.*  
42200 *P. C. E. Test*  
42230 *Plaster*  
42260 *Pressure Casting*  
42290 *Resin*  
42300 MOLD & MOLD SUPPLIES  
42320 *Liner*  
42350 *Oil*  
42380 *Release & Lubricant*  
42410 PALLETIZER  
42440 PART HANDLING  
42470 PLASTER MIXER, Automatic  
42500 POLISHING  
42530 POLISHING POWDER  
42560 POTTERY MACHINERY  
42590 *Automatic*  
42600 POTTERY SUPPLIES & EQUIPMENT  
42620 PRESS  
42650 *Artware*  
42680 *Briquetting*  
42710 *Compacting*  
42740 *Dinnerware*  
42770 *Drill*  
42800 *Dry*  
42830 *Electrical Porcelain*  
42860 *Extrusion*  
42890 *Filter*  
42920 *Grinding Wheel*  
42950 *Hot*  
42980 *Hot Isostatic*  
43010 *Hydraulic*  
43040 *Isostatic*  
43070 *Isostatic, Dinnerware*  
43100 *Laboratory*  
43130 *Laminating*  
43160 *Mechanical*  
43190 *Metal*  
43220 *Plastic Clay*

43250 *Powder Compacting*  
43280 *Pressure Casting*  
43310 *Refractory Shape*  
43340 *Roofing Tile*  
43370 *Sagger*  
43400 *Sewer Pipe*  
43430 *Specialty, Dry*  
43460 *Technical Ceramics*  
43490 *Tile, Ceramic*  
43520 *Wet Clay*  
43550 PRESSURE CASTING MACHINE  
43580 *Sanitaryware*  
43610 *Tableware*  
43640 PRODUCTION SYSTEM, Automatic Dinnerware  
43670 PUG MILL  
43700 *Deairing*  
43710 *Nondeairing*  
43730 PVD EQUIPMENT  
43760 RAPID PROTOTYPING EQUIPMENT  
43790 ROLL COMPACTION  
43820 *High Shear*  
43850 ROOFING TILE MACHINERY  
43880 ROTARY PRESS  
43910 SAW  
43940 *Abrasive*  
43970 *Diamond*  
44000 *Wire*  
44030 SCRATCHER, Brick  
44060 SCRIBER, Diamond  
44090 SCRIBER, Laser  
44120 SEWER PIPE DEAIRING EQUIPMENT  
44150 SLAB ROLLER  
44180 SLICING MACHINE  
44210 TABLETTING MACHINE  
44240 TAPE CASTING MACHINE  
44270 *Batch*  
44300 *Capacitor*  
44330 *Continuous*  
44360 *Laboratory*  
44380 TAPE MACHINE  
44390 *Handling, Ceramic*  
44420 *Slitting, Ceramic*  
44450 *Splitting, Ceramic*  
44480 TEXTURING EQUIPMENT, Brick  
44510 THERMAL SPRAY EQUIPMENT  
44540 TILE INSPECTION SYSTEM  
44570 TILE MACHINERY  
44600 TOOLS  
44630 *Carbide-Tipped*  
44660 *Ceramic*  
44690 *Fettling*  
44720 *Pottery*  
44740 ULTRASONIC EQUIPMENT  
44750 *Cleaning*  
44780 *Machining*  
44810 *Soldering*  
44840 VIBRATORY FINISHING EQUIPMENT  
44870 WARE FINISHING MACHINE, Automatic  
44900 WATERJET CUTTING SYSTEM  
44930 WHEEL  
44960 *Cutoff & Grinding*  
44990 *Diamond*  
45020 *Potters Throwing*  
45050 *Tile Cutting*  
45080 WHEEL FORMING & DRESSING SYSTEM  
45110 WIRE, Brick Cutting

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## DECORATING

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50030 ACCESSORIES, Pottery  
50060 ART STUDIO  
50090 BACKSTAMPING MACHINE

50120 BANDING MACHINE  
50150 BEADS  
50160 BRICK  
50180 *Coating*  
50210 *Colorant*  
50240 *Stain*  
50270 BRUSH, Artist  
50300 CERAMIC BOND  
50310 CERAMIC PRINTING, Digital  
50320 CERAMIC TONER  
50330 COLOR  
50360 *Ceramic*  
50390 *Lead-Free*  
50420 *Silk Screen*  
50450 *Underglaze*  
50480 *Vitrifiable*  
50510 COLOR SPECK, Sized  
50540 DECAL  
50550 *Ceramic & Glass*  
50570 *Cold-Cure*  
50600 *Custom*  
50630 *Design Services*  
50640 *Digital Ceramic*  
50660 *Heat-Release*  
50665 *Lead-Free*  
50667 *Organic, Low-Fire*  
50670 *Pressure-Sensitive, Heat-Resistant*  
50680 *Water Slide, Organic*  
50690 *Water Slide-Off*  
50720 DECAL APPLICATION MACHINE, Heat Release  
50750 DECAL PAPER  
50780 DECOLORIZER  
50810 DECORATING MACHINE, Automatic  
50840 DECORATING MACHINE, Pottery  
50870 DECORATING MATERIAL & SUPPLIES  
50900 DECORATING PROCESS FOR GLASS, POTTERY & ENAMEL  
50930 ENAMEL  
50960 *Acid-Resisting*  
50990 *Glass*  
51020 *Pottery*  
51050 ENGOBE  
51080 FLASH COLOR, Brick or Roof Tile  
51110 FRIT  
51140 *Enamel Low-Firing*  
51170 *Glaze*  
51200 *Grinding Wheel*  
51230 *Lead-Free*  
51260 *Porcelain Enamel*  
51290 FROSTING SOLUTIONS, Glass  
51320 GLASS, Frit  
51350 GLAZE  
51370 GLAZE CRYSTALS  
51380 GLAZE HARDENER  
51410 GLAZING MACHINE  
51440 *Automatic Spray*  
51470 GOLD  
51500 *Bright*  
51530 *Burnish*  
51560 *Decorating*  
51580 INK AND RELATED SUPPLIES  
51590 *Inorganic*  
51620 *Organic*  
51680 INSULATOR FINISHING & GLAZING SYSTEM  
51710 JEWELRY SUPPLIES  
51740 LINING MACHINE  
51770 LUSTER COLOR  
51780 MARKER, China  
51800 OPACIFIER  
51830 ORGANIC COATING  
51860 OVERGLAZE  
51890 PAD PRINTING DIE AND ACCESSORIES  
51920 PAD PRINTING MACHINE, Offset  
51950 PAD PRINTING MACHINE, Silicone  
51980 PALLADIUM, Liquid Bright

52010 PASTE  
52040 *Conductor, Thick-Film*  
52070 *Dielectric, Thick-Film*  
52100 *Resistor, Thick-Film*  
52130 *Sealing Glass*  
52160 *Thick-Film*  
52170 PENCIL  
52180 *Ceramic Marking*  
52185 *Underglaze*  
52190 PIGMENT, Concrete and Pool  
52220 PORCELAIN ENAMEL  
52240 POTTERY SUPPLIES & EQUIPMENT  
52250 PRECIOUS METAL COATING  
52280 PRECIOUS METAL REFINER  
52290 PRINTING EQUIPMENT, Digital  
52310 PRINTING MACHINE  
52340 SAND BLAST  
52345 *Equipment*  
52350 *Supplies*  
52370 SCREEN PRINTING  
52400 SCREEN PRINTING MACHINE, Multicolor  
52420 SILVER  
52430 *Burnish*  
52440 *Coating*  
52460 *Decorating*  
52540 SPRAY EQUIPMENT  
52550 *Air*  
52580 *Automatic*  
52590 *Booth*  
52610 *Gun*  
52640 STAIN  
52670 *Body*  
52700 *Fireplace Fiber-Log*  
52730 *Glaze*  
52760 SUSPENSION AGENT, GLAZE & ENAMEL  
52790 THERMOLUSTER  
52820 TOOLS, Pottery  
52840 TRANSFER  
52850 *Ceramic*  
52880 *Glass*  
52890 *Non-Fire Embossed, Rub-On*  
52895 *Non-Fire, Dishwasher-Safe*  
52910 U-V CURING SYSTEM  
52940 VITREOUS BOND  
52970 WIRE

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**FIRING/DRYING**

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55030 AUTOCLAVE  
55060 BLOWER, Vacuum Furnace  
55090 BOILER, Gas or Oil Fired & Combinations  
55120 BOOSTER, Gas  
55150 BURNER  
55180 *Coal & Solid Fuel*  
55210 *Combination Oil & Gas*  
55240 *Gas*  
55270 *Gas, Infrared*  
55300 *Oil*  
55330 *Oxy Fuel*  
55360 *Pulse Firing*  
55390 *Venturi*  
55420 BURNER BLOCK, Refractory  
55450 CALCINER  
55480 CAR  
55510 *Dryer*  
55540 *Transfer*  
55570 *Tunnel Kiln*  
55600 CAR SPOTTER  
55630 CAR TOP, Kiln  
55660 COAL FIRING SYSTEM  
55690 COMBUSTION SYSTEM  
55720 CONE, Pyrometric  
55750 CONE PLAQUE  
55780 CONTROLLER

55810 COOLER, Kiln  
55840 DAMPER, Louver  
55870 DATA ACQUISITION SYSTEM  
55900 DRYER  
55930 *Air*  
55960 *Airless*  
55990 *Enamel*  
56020 *Gas-Fired*  
56050 *Heavy Clay*  
56080 *Infrared*  
56110 *Jet*  
56140 *Laboratory*  
56170 *Microwave*  
56200 *Pottery & Porcelain*  
56230 *Production*  
56260 *Radio Frequency*  
56290 *Rotary Kiln*  
56320 *Steam*  
56350 *Vacuum*  
56380 *Waste Heat*  
56410 ELECTRIC HEATING ELEMENT  
56440 ELECTRIC SET, Diesel & Natural Gas  
56470 ELECTRODE  
56500 *Ceramic*  
56530 *Glass Melting*  
56560 *Molybdenum*  
56590 ELECTROLYTE  
56620 EXCHANGER, Heat  
56650 FAN, High Draft, Induced Draft for Periodic Kiln  
56680 FAN, High-Temperature  
56710 FIRING SYSTEM & ENGINEERING SERVICES  
56740 FOREHEARTH  
56770 *Stirrers*  
56800 FUEL  
56830 FUEL OIL EQUIPMENT  
56860 FURNACE  
56890 *Belt*  
56920 *Bending*  
56950 *Calcining*  
56980 *Controlled Atmosphere*  
57010 *Conveyor*  
57040 *Custom*  
57070 *Debinding*  
57100 *Diffusion*  
57130 *Electric*  
57160 *Enameling*  
57190 *Frit*  
57220 *Gas*  
57250 *Gas Infrared*  
57280 *Gas Nitriding*  
57310 *Glass*  
57340 *Glass Bending & Tempering*  
57370 *High-Temperature*  
57400 *Hydrogen; Benchtop*  
57430 *Laboratory*  
57460 *Microwave*  
57490 *Muffle*  
57520 *Multiple Hearth*  
57550 *Optical Fiber Drawing*  
57580 *Pressure*  
57610 *Pusher*  
57640 *Rotary*  
57670 *Shaft Kiln*  
57700 *Single Crystal*  
57730 *Smelting*  
57740 *Spark Plasma Sintering*  
57760 *Temperature Gradient*  
57790 *Tube*  
57820 *Vacuum*  
57850 FURNACE COOLING SYSTEM  
57880 FURNACE LINING, Monolithic  
57910 GAS, Industrial  
57940 GAS DELIVERY SYSTEM, Industrial  
57970 GAS PRODUCER  
58000 GLASS SHEET HEAT TREATING EQUIPMENT

58030 HEAT TRANSFER SYSTEM  
FILTRATION

58060 HEATER, Immersion

58090 HEATER, Preheat

58120 HEATING ELEMENT, Electrical  
Resistance, Silicon, Etc.

58130 HEATING ELEMENT, Silicon  
Carbide

58150 HEATING SYSTEM, Industrial

58180 HUMIDIFIER

58210 HYDROGEN

58240 IGNITION SYSTEM, Burner

58270 INDUCTION HEATING

58300 INFRARED EQUIPMENT

58330 INSULATOR

58360 KILN

58390 *Bell*

58420 *Belt*

58450 *Bending & Convexing*

58480 *Box*

58510 *Calcining*

58540 *Conveyor*

58570 *Decorating*

58600 *Electric*

58630 *Elevator*

58660 *Envelope*

58690 *Fast Firing*

58720 *Gas*

58750 *Gas, Infrared*

58780 *High-Temperature*

58810 *Laboratory*

58840 *Periodic*

58870 *Prefabricated*

58900 *Pusher*

58930 *Raku*

58960 *Roller Hearth*

58990 *Rotary*

59020 *Shuttle*

59050 *Tunnel*

59080 *Walking Beam*

59110 KILN CAR MOVER

59140 KILN CAR TRACKING SOFTWARE

59170 KILN LOADING, Automatic

59200 LASER

59230 LEHR

59260 *Annealing & Decorating*

59290 *Electric*

59320 *Optical & Laboratory Glass*

59350 *Stacker*

59380 LEHR CHARGER

59410 LEHR CONVEYOR

59420 LUBRICANT

59440 *High-Temperature*

59470 *Kiln Car*

59500 *Lehr*

59530 MANGLE

59560 MICROWAVE SYSTEM

59590 NITROGEN

59620 OIL & GAS BURNING SYSTEM

59650 OIL & GAS POSITIONER

59680 OIL & MEDIUM

59710 OIL FIRING VALVE

59740 OVEN, Industrial

59770 OVEN, Semiconductor

59800 OVEN & EQUIPMENT, Plastisol

59830 OXY FUEL SYSTEM

59860 OXYGEN

59890 PANEL

59920 POT, Glassmelting

59930 POTTERY SUPPLIES &  
EQUIPMENT

59950 PRECIPITATOR, Electrostatic

59980 PREFABRICATED KILN

60010 RADIANT TUBE FURNACE & KILN

60040 REACTOR, High-Temperature

60070 RECUPERATOR, Refractory

60100 REGULATOR, Air

60130 REGULATOR, Pressure

60160 ROTARY FURNACE, Glass

60190 SAWDUST FIRING

60220 SETTING PIN

60250 SHAFT SEAL

60280 SHRINK TUNNEL

60310 SIGHT PORT

60340 SLAB PUSHER, Hydraulic

60370 SOLID FUEL FIRING

60400 STACK BOOSTER

60430 SUSPENDED FURNACE  
ENCLOSURE

60460 TANK, Glass, Continuous

60490 TEMPERATURE CONTROL RING

60520 THERMAL INSPECTION

60550 THERMOCOUPLE

60580 THERMOCOUPLE WIRE

60610 THERMOMETER

60640 VALVE

60670 *Air*

60700 *Butterfly*

60730 *Gas & Oil*

60760 *Proportioning*

60790 *Reducing*

60820 *Regulating*

60850 WALL, Furnace, Suspended

60880 WHEEL, Kiln Car

60910 WOOD FIRING

## REFRACTORIES

62530 AGGREGATE, Insulating

62560 ANCHOR, Refractory

62590 ARCH, Furnace-Suspended

62620 ARCH, Furnace-Suspended, Plastic

62650 BACKWALL, Suspended

62680 BRICK

62710 *Acid-Resisting*

62740 *Basic*

62770 *Fireclay*

62800 *High-Alumina*

62830 BURNER BARREL LINER

62860 BURNER BLOCK, Refractory

62890 CARBON

62920 CASTABLE, Refractory

62950 CASTING

62980 *Hard Metal*

63010 *Refractory*

63040 *Wear-Resistant*

63070 CERAMIC FIBER PRODUCTS

63100 CERAMIC PLATE

63130 CERAMIC PREFORM

63160 CHROME

63190 CRUCIBLE, Quartz

63220 CRUCIBLE, Refractory

63250 DEAD-BURNED

63280 DIFFUSION COMPONENT: Tube,  
Liner, Boat, Paddle

63310 FASTENER, Insulation

63340 FIBER

63370 *Cellulose*

63400 *Ceramic*

63430 *Ceramic Combustion Chamber*

63460 *High-Temperature, Soluble*

63490 *Refractory*

63520 *Refractory Shapes*

63550 *Stainless Steel*

63580 FIXTURE, Graphite

63610 FLOOR BRICK, Kiln

63640 FLUE LINING

63670 FOUNDRY FACING MATERIAL

63700 FOUNDRY SPECIALTIES

63730 FUSED CAST

63760 GRAPHITE

63790 GROG

63820 GUNNING EQUIPMENT

63850 INK, Refractory Marking

63880 INSULATING MATERIAL

63900 INSULATION, Custom

63910 INSULATION, Furnace

63940 INSULATION, Microporous

63950 INSULATION, Thermal

63970 KILN FURNITURE

63980 KILN SHELF

64000 LINING, Furnace

64020 LINING, Refractory

64030 MAGNESITE

64060 MONOLITHIC

64090 MORTAR, Insulating

64120 MUFFLE, Refractory

64150 NOZZLE

64180 PAPER

64210 PERISCOPE, Operating Furnace  
Inspection

64240 PERLITE BRICK AND BLOCK  
INSULATION

64270 PIPE INSULATION

64300 PITCH-BONDED

64330 PLASTIC, Refractory

64360 POROUS PLATE & TUBE

64390 POST

64400 POTTERY SUPPLIES &  
EQUIPMENT

64420 POURING CUP

64450 PYROMETRIC CONE

64480 PYROMETRIC DEVICE

64510 RAMMING MIX

64540 REFRACTIVE INDEX LIQUID

64570 REFRACTORIES

64600 *Alumina*

64630 *Basic*

64660 *Castable*

64690 *Coatings*

64720 *Cordierite*

64750 *Fiber*

64780 *Fiber Module*

64810 *Forehearth*

64840 *Glass House*

64870 *Glass Plant*

64900 *Gunning*

64930 *High-Alumina*

64960 *Honeycomb*

64990 *Insulating*

65020 *Insulating Firebrick*

65050 *Mortar*

65080 *Mullite*

65110 *Plastic*

65140 *Preformed*

65170 *Reinforcement*

65200 *Repair*

65230 *Silica*

65260 *Silicon Carbide*

65290 *Testing (See TESTING  
REFRACTORIES in Professional  
Services)*

65320 *Zircon*

65350 *Zirconia*

65370 REFRACTORY LINING

65380 REINFORCEMENT

65410 ROD, Ceramic

65440 ROD, Welding

65470 ROLLER, Ceramic

65500 ROPE, Ceramic Fiber

65530 SAGGER

65560 SEALING PLATE, Graphite

65570 SETTER, Ceramic

65590 SETTER, Pottery Pin

65620 SETTER, Ware

65650 SHELF, Kiln

65680 SIALON

65710 SILICON CARBIDE SPECIALTY  
SHAPE

65740 SUPER-DUTY REFRACTORY  
BRICK

65770 TANK BLOCK

65800 TANK LINING, Ceramic

65830 TAR-BONDED

65860 TEXTILE

65890 TILE SETTER



65920 TUBE  
 65950 *Pyrometer Protection*  
 65980 *Radiant*  
 66010 *Refractory*  
 66040 *Tile Setter*  
 66070 VERMICULITE BRICK AND BLOCK  
 INSULATION  
 66100 WARE TRAY  
 66130 WEAR PLATE  
 66160 WELDING, Refractory  
 66190 WELDING EQUIPMENT & SUPPLIES

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**INSTRUMENTATION/LAB  
EQUIPMENT**

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68030 BALANCE  
 68060 *Electronic*  
 68090 *Precision*  
 68120 *Recording*  
 68150 BEND TEST EQUIPMENT  
 68160 CAMERAS  
 68180 CHECK DETECTION, Glass  
 Container  
 68210 CHEMISORPTION ANALYZER  
 68240 COLOR MEASUREMENT  
 EQUIPMENT  
 68270 COMPUTER SOFTWARE  
 68300 CONSOLE, Control  
 68330 CONTROL PANEL, Electric  
 68360 CONTROLLER  
 68390 *Color*  
 68420 *Combustion*  
 68450 *Furnace*  
 68480 *Gas: Air Ratio*  
 68510 *Gas & Oil*  
 68540 *Humidity*  
 68570 *Pressure*  
 68600 *Temperature*  
 68620 CONTROLS  
 68630 *Electric & Electronic*  
 68660 *Moisture*  
 68690 *Weighing & Batching*  
 68720 DATA LOGGER  
 68750 DENSITY ANALYZER  
 68775 DENSITY LIQUID  
 68780 DIFFERENTIAL SCANNING  
 CALORIMETRY  
 INSTRUMENTATION  
 68810 DIFFERENTIAL THERMAL  
 ANALYSIS EQUIPMENT  
 68840 DILATOMETER  
 68870 DIMENSION MEASUREMENT  
 INSTRUMENTATION  
 68900 DOOR OPERATOR, Electric  
 68930 DYE PENETRANT TESTING  
 EQUIPMENT & SUPPLIES  
 68960 EDDY CURRENT TESTING  
 INSTRUMENTATION  
 68990 ELECTROACOUSTIC PARTICLE  
 MEASUREMENT  
 69020 FILM & FILM PRODUCTS  
 69050 FILM PROCESSING  
 EQUIPMENT/SUPPLIES  
 69080 GAGE, Pressure  
 69110 GAGE, Thickness & Porosity  
 69140 GAS ANALYSIS  
 INSTRUMENTATION  
 69170 GLASS LEVEL CONTROLS  
 69200 GLASS TESTING EQUIPMENT  
 69230 HARDNESS TESTER, Ceramic  
 69260 IMAGE ANALYSIS EQUIPMENT  
 69290 IMAGE ANALYSIS  
 INSTRUMENTATION  
 69300 IMAGING SYSTEMS  
 69320 INDICATORS, Temperature  
 69350 INFRARED SPECTROSCOPY  
 INSTRUMENTATION  
 69380 INSTRUMENTATION

69410 *Electronic Measuring & Testing*  
 69440 *Fuel Efficiency*  
 69470 *Level Monitoring*  
 69500 *Oxygen Monitoring*  
 69530 *Thermogravimeter*  
 69560 *X-Ray Diffraction*  
 69590 INTERFEROMETER  
 69620 ION CHROMATOGRAPHY  
 INSTRUMENT  
 69680 LABORATORY EQUIPMENT  
 69690 *Dryer*  
 69710 *Mill*  
 69740 *Sieve*  
 69770 LASER  
 69800 LCD DISPLAY  
 69820 LENSES, Camera  
 69830 MAGNETIC RESONANCE IMAGING  
 INSTRUMENTATION  
 69860 MECHANICAL TESTING  
 EQUIPMENT, Ceramic  
 69890 METER, Flow  
 69920 METER, Gas  
 69950 MICROPROCESSOR  
 69980 MICROSCOPE  
 70010 *Acoustic*  
 70040 *Auger*  
 70070 *Electron*  
 70100 *Scanning Electron*  
 70130 *Scanning Probe*  
 70160 *Transmission Electron*  
 70190 MICROSTRUCTURAL ANALYSIS  
 EQUIPMENT & SUPPLIES  
 70220 MOISTURE TESTING EQUIPMENT  
 70250 NEUTRON ACTIVATION ANALYSIS  
 INSTRUMENTATION  
 70280 NONDESTRUCTIVE TESTING  
 EQUIPMENT  
 70310 OPTICAL COMPARITOR  
 70340 OPTICAL PROPERTIES  
 MEASUREMENT  
 INSTRUMENTATION  
 70370 OXYGEN ANALYZER  
 70390 PARTICLE SHAPE ANALYZER  
 70400 PARTICLE SIZE ANALYZER  
 70430 pH METER  
 70460 PHOTOMETRIC MEASUREMENT  
 INSTRUMENTATION  
 70490 POLARIMETER  
 70520 POLARISCOPE  
 70550 PORE SIZE DISTRIBUTION  
 ANALYZER  
 70580 PORE STRUCTURE ANALYZER  
 70610 POROSIMETRY ANALYZER  
 70640 POWDER TESTING EQUIPMENT  
 70670 POWER CONTROL UNIT  
 70700 POWER SUPPLY  
 70730 PROCESS CONTROL EQUIPMENT  
 70760 PYROMETER, Optical  
 70790 PYROMETER, Thermoelectric,  
 Portable, Indicating & Recording  
 70820 PYROMETER TUBE  
 70850 QUALITY CONTROL  
 INSTRUMENTATION/SYSTEM  
 70880 RADIOGRAPHIC NDT EQUIPMENT &  
 SUPPLIES, Ceramic  
 70910 RECORDER, Pressure  
 70940 RECORDER, Temperature  
 70970 RESONANT INSPECTION  
 EQUIPMENT  
 71000 RHEOMETER  
 71030 ROBOTICS  
 71060 SAMPLE DIVIDER  
 71090 SAMPLE PREPARATION  
 EQUIPMENT  
 71120 SOFTWARE APPLICATION  
 71150 SOFTWARE SYSTEM, Kiln Car  
 Tracking  
 71180 SONIC TESTING  
 71210 SOFTWARE, Glass

71220 SPARK PLASMA SINTERING  
 71240 SPECTROSCOPY  
 INSTRUMENTATION  
 71270 SQUEEZE TESTING, Glass  
 Container  
 71300 STACKER CONTROL, Glass  
 Container  
 71330 STORAGE BIN LEVEL CONTROL  
 71360 SURFACE AREA ANALYZER  
 71390 TACHOMETER  
 71420 TANK LEVEL INDICATOR  
 71450 TEMPERATURE VARIATION  
 DETECTION  
 71480 TENSION/COMPRESSING TESTING  
 EQUIPMENT, Ceramic  
 71510 TESTING EQUIPMENT  
 71540 THERMAL ANALYSIS  
 71570 THERMAL CONDUCTIVITY TEST  
 EQUIPMENT  
 71600 THERMAL DIFFUSIVITY TEST  
 EQUIPMENT  
 71630 THERMOMECHANICAL ANALYSIS  
 INSTRUMENTATION  
 71660 THERMOMETER  
 71690 ULTRASONIC NDT EQUIPMENT,  
 Ceramic  
 71720 VACUUM GAGE  
 71750 VISCOMETER  
 71780 *High-Temperature*  
 71810 VISUAL INSPECTION  
 INSTRUMENTATION  
 71840 WEIGHING/SCALE  
 71870 X-RAY EQUIPMENT  
 71900 *Diffraction*  
 71930 *Microfocus*  
 71960 ZETA POTENTIAL MEASUREMENT  
 71990 ZETA POTENTIAL /  
 ELECTROACOUSTIC  
 MEASUREMENT

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**PROFESSIONAL SERVICES**

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73030 ADVANCED CERAMICS  
 73060 AIR PURIFICATION  
 73090 ALUMINUM OXIDE, Machining  
 73120 ASBESTOS REPLACEMENT  
 73150 BLENDING  
 73180 BORON NITRIDE, Machining  
 73210 BRAZING  
 73240 CALIBRATION  
 73250 CERAMIC PRINTING, Digital  
 73270 CERAMIC REFRACTORY  
 WELDING  
 73300 CERAMIC RESEARCH  
 73330 CERAMIC-TO-METAL SEALS  
 73360 CERAMICS  
 73370 *Cryogenic*  
 73390 *High-Temperature*  
 73420 *Lapping and Polishing*  
 73450 *Machinable Glass*  
 73480 *Machining*  
 73510 *Technical*  
 73540 CHEMICAL ANALYSIS  
 73570 CHEMICAL-RESISTANT LAB WARE  
 73600 CLASSIFICATION, Custom  
 73630 CLEANING SERVICE, Storage  
 Systems  
 73650 CNC MILLING  
 73660 CONSTRUCTION - CONTRACTOR  
 73690 CONSULTANT  
 73720 CONTRACT MANUFACTURING  
 73750 *Whiteware/Pottery*  
 73780 CRUSHING, Custom  
 73810 CRUSHING, Material  
 73820 CUSTOM DECORATING, Tile and  
 Dinnerware  
 73840 DATABASE, Material Analysis  
 73870 DECAL, Design Services

73880 DIGITAL CERAMIC PRINTING  
73900 DRY PRESSING  
73930 DRYING, Custom  
73960 EDUCATION  
73990 ELECTRICAL SERVICE  
74020 ENERGY RECOVERY  
74050 ENGINEERING SERVICE  
74080 *Combustion*  
74110 *Cooling System*  
74140 *Custom Drying*  
74170 *Custom Fabrication*  
74200 *Custom Firing*  
74230 *Enamel*  
74260 *Glass*  
74290 *Heavy Clay*  
74320 *Plant Process Modernization*  
74350 *Pottery*  
74380 *Surface Chemistry*  
74410 ENVIRONMENTAL PROTECTION  
74440 ENVIRONMENTAL SERVICE  
74470 EQUIPMENT, Plant Liquidation  
74500 EQUIPMENT, Used & Reconditioned  
74530 EXECUTIVE SEARCH AND  
74560 FAN, Exhauster  
74590 FAN, Industrial; Repair & Rebuilding  
74620 FEASIBILITY STUDIES  
74650 FORMULATION DEVELOPMENT,  
74680 FURNACE, Cooldown/Drain Services  
74710 FURNACE, Dryout/Heatup Services  
74730 GLASS  
74740 *Custom Melting*  
74800 *Glass-To-Metal Seal*  
74810 *Polishing & Beveling*  
74830 GLAZING  
74860 GRINDING, Custom  
74870 GRINDING, Dry  
74890 HAZARDOUS WASTE TESTING  
74920 HOT ISOSTATIC PRESSING  
74950 HOT PRESSING  
74955 IMAGING SYSTEM DESIGN  
74960 INDUSTRIAL CONSTRUCTION  
74970 INJECTION MOLDING  
74980 ISO CERTIFICATION BODY  
75010 ISOSTATIC PRESSING  
75040 LABORATORY TESTING  
75050 LAPPING & POLISHING  
75060 LASER MACHINING  
75070 LASERING  
75100 LEAD/CADMIUM TESTING  
75130 LEGAL SERVICE, Patents &  
75160 LTCC MANUFACTURING  
75190 MACHINED CERAMICS  
75220 MARKET RESEARCH  
75250 MATERIAL, Crushing  
75280 MATERIAL ANALYSIS  
75310 MEASUREMENT SERVICE,  
75340 METAL FABRICATION  
75370 METAL-TO-GLASS SEAL  
75400 MINERAL WOOL  
75430 ONLINE PROCUREMENT  
75440 PACKAGING, Ceramic  
75460 PANEL CONSTRUCTION  
75470 PHOTO-MACHINING  
75490 PHYSICAL PROPERTY TESTING,  
75520 PLANT CONSTRUCTOR  
75550 *Brick*  
75580 *Turnkey*  
75610 *Whiteware*  
75640 RAPID PROTOTYPING  
75670 RECLAMATION  
75700 RECYCLING  
75730 RESONANT INSPECTION  
75760 SCREENING, Custom

75790 SHEET METAL WORK  
75800 SILICON CARBIDE MACHINING  
75820 SILICON NITRIDE, Machining  
75850 SIZE CLASSIFICATION, Custom  
75880 SIZE REDUCTION  
75910 SOIL TESTING  
75920 SPARK PLASMA SINTERING  
75940 SPECTROCHEMICAL ANALYSIS  
75970 SPRAY DRYING, Custom  
76000 STAINLESS STEEL FABRICATION  
76030 STANDARDS FOR MATERIALS  
76060 STEEL PLATE FABRICATION  
76090 SURFACE MODIFICATION  
76100 TAPE CASTING  
76120 TECHNOLOGY TRANSFER &  
76150 TESTING REFRACTORIES  
76180 TESTING SERVICE, Information  
76190 THERMAL MANAGEMENT SYST  
76210 TOLL SERVICE  
76240 TRAINING, Professional  
76270 TRANSPORTATION SERVICE  
76300 TURNKEY PLANT, Engineering &  
76330 VIBRATION ANALYSIS  
76360 WAREHOUSE SERVICE  
76390 WATER/WASTEWATER ANALYSIS  
76420 WEARPROOFING, Tungsten  
76450 WELDMENT

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**ENVIRONMENTAL/SAFETY  
PRODUCTS**

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78030 ADSORBANT  
78040 AIR  
78060 *Filter Cleaning Equipment*  
78090 *Filtration*  
78120 *Handling System*  
78150 *Purification Service*  
78180 BACKDRAFT DAMPER  
78210 BAG DUMP STATION, Dust-Free  
78240 BAG FILTER  
78270 BLOWER  
78300 BOOTH, Spray  
78330 CLEANER, Air  
78360 CLEANER, Gas  
78390 CLEANING SERVICE  
78420 CLEANING SYSTEM  
78450 COLLECTOR  
78480 *Centrifugal (Cyclone)*  
78510 *Fume*  
78540 *Oil Mist*  
78570 *Particulate*  
78600 *Pulse-Jet*  
78630 *Submicron Particulate*  
78660 *Unit*  
78690 COMBUSTION SAFEGUARD, Single  
78720 CONCENTRATOR  
78750 CULLET HANDLING EQUIPMENT  
78780 CULLET WASHING PLANT  
78810 DEWATERING EQUIPMENT, Sludge  
78840 DOWNDRAFT TABLES/BENCH  
78870 DUST COLLECTOR  
78900 *Bin Vents*  
78930 *Cartridge*  
78960 *Fabric Filter*  
78990 *Insertable*  
79020 *Pulse-Jet*  
79050 DUST CONTROL SYSTEM  
79080 DUST SUPPRESSION  
79110 ELECTROSTATIC PRECIPITATOR  
79140 EMISSION CONTROL SYSTEM,  
79160 ENERGY RECOVERY  
79170 *Service*  
79200 *System*

79230 ENVIRONMENTAL CONTROL  
79260 ENVIRONMENTAL EQUIP, Used  
79290 ENVIRONMENTAL PROTECTION  
79320 ENVIRONMENTAL SERVICE  
79350 ENVIRONMENTAL WASTE  
79380 EXHAUST HOOD  
79410 FAN, Ventilating  
79440 FILTER  
79470 *Air*  
79500 *Compressed Air*  
79530 *Continuous*  
79560 *Magnetic*  
79590 FRIT RECOVERY SYSTEM  
79620 FUME REMOVAL SYSTEM  
79630 HAZARDOUS WASTE TESTING  
79650 *Equipment*  
79680 *Service*  
79710 INCINERATION SYSTEM  
79740 ISO 14000 COMPLIANCE SERVICE  
79760 LEAD/CADMIUM TESTING  
79770 *Equipment*  
79800 *Service*  
79830 MAKE-UP AIR UNIT  
79860 MONITORING SYSTEM  
79890 NOISE REDUCTION EQUIPMENT  
79920 OXIDIZER, Catalytic  
79950 OXIDIZER, Thermal  
79980 PAN, Grog  
80010 PARTICULATE CONTROL SYSTEM  
80040 POLLUTION CONTROL SYSTEM,  
80070 PRECIOUS METAL RECYCLING  
80100 PURIFICATION SYSTEM, Air  
80120 RECLAMATION  
80160 *Equipment*  
80180 *Raw Material Systems*  
80190 *Service*  
80220 RECYCLING SERVICE  
80250 SAFETY EQUIPMENT/CLOTHING  
80280 SAND RECLAMATION  
80310 SCRUBBER  
80340 *Acid Gas*  
80370 *Air, Atomizing & Mechanical*  
80400 *Dry*  
80430 *Fume*  
80460 *Horizontal Crossflow*  
80490 *NOx*  
80520 *Sand & Stone*  
80550 *Semi-Dry*  
80580 *Submicron Particulate*  
80610 *Vertical Flow*  
80640 *Wet*  
80680 SOIL TESTING  
80700 *Equipment*  
80730 *Service*  
80750 SMOKE ELIMINATOR  
80760 SPRAY BOOTH  
80790 TESTING EQUIPMENT,  
80820 VACUUM CLEANER  
80850 *Central Stationary*  
80880 *HEPA Filtration*  
80910 *Industrial Mobile*  
80940 VENTILATION SYSTEM  
80970 *Kiln*  
81000 VOC ABATEMENT SYSTEM  
81030 WASHER, Air  
81060 WASTE HEAT RECOVERY  
81090 WASTE RECYCLING SYSTEM  
81120 WASTEWATER TREATMENT  
81150 WATER CONDITIONING EQUIP  
81180 WATER SOFTENER  
81210 WATER/WASTEWATER ANALYSIS