

2012 Buyers Guide & Targeted Directories

For Service Providers and Suppliers of Raw Materials, Manufacturing Equipment,
Lab Instrumentation, Packaging, Environmental, Software, and More.

Instructions: Please note that product selections below are limited for certain mini directories. Once you have selected the Buyers Guide and Mini Directories you wish to appear in, please select from the following coding to ensure correct product selections.

- Buyers Guide Listing: Select from any and all codes in this booklet
- Additives Handbook Listing: Select from Section 1. A. ADDITIVES – Code numbers 00150-10000
- China Buyers Guide: Select from any and all codes in this booklet – please note that your selections will appear under the main category header only (Additives; Manufacturing Equipment; Test/Masurement Instrumentation; etc..)

I. RAW MATERIALS

A. ADDITIVES

00150 ABRASION RESISTANCE IMPROVERS

00200 ABSORBENTS

00220 ACCELERATORS/HARDENERS

00250 ACID CATALYSTS

00300 ACID SCAVENGERS

00350 ADHESION PROMOTERS

00400 AMINE NEUTRALIZERS

00450 ANTI-BLOCKING AGENTS

00500 ANTI-CRATERING AGENTS

00550 ANTI-CRAWLING AGENTS

00600 ANTI-FLOAT AGENTS

00650 ANTI-FLOODING AGENTS

00700 ANTI-FOULING AGENTS

00750 ANTI-FREEZING AGENTS

00800 ANTI-GELLING AGENTS

00850 ANTI-LIVERING AGENTS

00900 ANTI-MARRING AGENTS

ANTI-MICROBIALS:

00950 Algaecides

00975 Bactericides

01000 Biocides

01025 Cuprous Oxide

01050 Enzyme-Based Additives

01075 Fungicides

01100 In-Can Preservatives

01125 Insecticides

01150 Misc. Preservatives

01175 Non-Mercurial

01200 Silver-Based

01300 ANTI-OXIDANTS

01350 ANTI-RUST AGENTS

01400 ANTI-SAG AGENTS

01450 ANTI-SETTLING AGENTS

01500 ANTI-SILKING AGENTS

01550 ANTI-SKINNING AGENTS

01600 ANTI-SLIP/ANTI-SKID AGENTS

01700 ANTI-STATIC AGENTS (Anti-Stats)

01800 BODYING AGENTS

01850 BRIGHTENERS (Optical)

01900 BURNISH-RESISTANT ADDITIVES

01950 CATALYSTS

02050 CHELATING AGENTS

02100 CLEANABILITY ADDITIVES

02150 COAGULANTS

02200 COALESCENTS (Coalescing Agents)

02250 COLLOID STABILIZERS

02300 CORROSION INHIBITORS

02350 CORROSION-INHIBITIVE PIGMENTS

02400 COUPLING AGENTS

02450 CRAZE-RESISTANCE ADDITIVES

02500 CROSSLINKING AGENTS

02550 CURING AGENTS

02600 DEAERATORS

02650 DEFLOCCULANTS

DEFOAMERS:

02750 Misc. Defoamers

02800 Non-silicone

02850 Silicone

02900 DEGASSING AGENTS

02950 DENATURANTS

03000 DESICCANTS

03050 DRIER STABILIZERS

DRIERS:

03150 Drying Salts

03200 Linoleates

03250 Misc. Driers

03300 Naphthenates

03350 Neodecanoates

03400 Octoates

03450 Tallates

03500 Water Dispersible

03550 Waterborne

03600 DYES (For Use in Stains)

03650 ELECTROCONDUCTIVE ADDITIVES

03700 EXTENDERS

03750 FILLERS - NATURAL, CELLULOSIC, POLYMERIC

03800 FISH EYE PREVENTERS

03850 FLAME RETARDANTS

FLATTING AGENTS:

03950 Dispersed

04000 Misc. Flattening Agents

04050 Non-Metallic

04100 FLOCCULANTS

04150 FLOW & LEVELING AGENTS

04200 FLUIDIZING ADDITIVES

04250 FLUORESCENT ADDITIVES

04300 FOAMING AGENTS

04350 FREEZE-THAW STABILIZERS

04400 GELLING AGENTS

04450 GLOSS IMPROVERS

04500 GLYCERINE

04525 GREEN ADDITIVES

04550 GRINDING AIDS

04600 HALS (Hindered Amine Light Stabilizers)

04650 HAMMER FINISH ADDITIVES

04750 HASE THICKENERS

04800 HEAT STABILIZERS

04850 HEUR THICKENERS

04900 HOMOGENIZERS

04950 HUMECTANTS

05000 HYDROPHILES

05050 HYDROPHOBIC AGENTS

05100 HYGIENIC COATING ADDITIVES

05150 IMPACT RESISTANCE IMPROVERS

05200 INK ADDITIVES

05250 INTUMESCENT ADDITIVES

05300 LEAFING AGENTS

05320 LUBRICANTS (Solids)

05340 LUBRICANTS (Surfaces)

05350 LUMINESCENT ADDITIVES

05400 LUSTRANTS

05450 MASKING AGENTS

05500 MICROSPPHERES

05550 MISC. OTHER ADDITIVES

05600 MISC. OTHER CHEMICAL SPECIALTIES

05650 MISC. POWDER COATING ADDITIVES

05700 MISC. VISCOSITY & FLOW-CONTROL AGENTS

MOISTURE SCAVENGERS:

05775 Misc Moisture Scavengers

05800 Molecular Sieves

05825 Zeolites

05850 NANOTECHNOLOGY ADDITIVES

05900 ODORANTS

05950 OILS

06000 ORANGE PEEL PREVENTERS

06050 ORGANIC PEROXIDES

06100 ORGANOCCLAYS

06150 pH-CONTROL AGENTS

06200 PHOTOINITIATORS

06250 PHOTOSENSITIZERS

06300 PINHOLE PREVENTATIVES

PLASTICIZERS:

06400 Abietates

06450 Adipates

06500 Benzoates

06550 Castor Oil (Polymerized/Oxidized)

06600 Castor Oil (Raw/Refined)

06650 Epoxidized

06700 Misc. Plasticizers

06750 Oil-Modified

06800 Phosphates

06850 Phthalates

06900 Polymeric

06950 Sebacates
07000 Sulfonamides
07050 POLYMERIC LIQUID CRYSTALS
07100 PRETREATMENT CHEMICALS
07150 PRINTING INK DISPERSANTS & VEHICLES
07200 PRINTING INK VARNISHES & COMPOUNDS
07250 PROTECTIVE COLLOIDS
07300 PUFFING AGENTS
07350 REACTIVE DILUENTS
07400 RETENTION AIDS
07450 SEAL/BARRIER COATING ADDITIVES
07475 SLIP AIDS
07500 SOIL REPELLANTS
07550 SPREADING AGENTS
STABILIZERS:
07650 Lead
07700 Misc. Stabilizers
07750 Non-Metallic
07800 STAIN-RESISTANT ADDITIVES
07850 STEARATES
08150 SURFACE MODIFIERS
08200 SURFACE TENSION REDUCERS
08250 SURFACE-ACTIVE AGENTS
SURFACTANTS & DISPERSING AGENTS:
08350 Anionic
08400 Cationic
08450 Nonionic
08500 Detergents
08550 Dispersing Agents
08600 Emulsifiers
08650 Flow Modifiers
08700 Misc. Surfactants & Dispersing Agents
08750 Wetting Agents
08800 SUSPENSION AGENTS
08850 SYNERGISTS
08900 TACKIFIERS
08950 TEXTURIZING AGENTS
THICKENING AGENTS AND RHEOLOGY MODIFIERS:
09050 Associative Thickeners
09100 Cellulosics
09150 Clays
09200 Fumed Silica
09250 Misc. Thickeners
09300 Precipitated Silica
09350 Solvent
09400 Water
09450 TRIBO-CHARGING ADDITIVES
09500 UV ABSORBERS & LIGHT STABILIZERS
09550 VARNISHES
09600 VISCOSITY MODIFIERS
09650 WATER REPELLENTS
09700 WATER-REMOVAL AGENTS/SCAVENGERS
09750 WATER-TREATMENT CHEMICALS
09800 WAX EMULSIONS
09850 WAXES
09900 WET EDGE EXTENDERS
09950 WETTING AGENTS
10000 XANTHAN GUM

B. OILS AND FATTY ACIDS

10100 COCONUT OIL
10150 DEHYDRATED CASTOR OIL
10200 FATTY ACIDS
10250 HYDROCARBON INK OILS
LINSEED OIL:
10350 Blown
10400 Boiled
10450 Misc. Linseed Oil
10500 Raw
10550 Refined

10600 Special
10650 MARINE OIL
10700 MISC. OTHERS
10750 OITICICA OIL
10800 SOYBEAN LECITHIN
10850 SOYBEAN OIL
10900 SUNFLOWER OIL
10950 SYNTHETIC & MODIFIED OILS
11000 TUNG OIL

C. POLYMERS/RESINS

ACRYLIC RESINS:
11150 Misc. Acrylic
11200 Polymer Emulsion
11250 Solid
11300 Solution
11350 Styrene Acrylic Emulsions
11400 Vinyl Acrylic
11450 Water-Reducible
ALKYD RESIN:
11550 Alkyd & Oil Co-Polymers
11600 Drying Oil-Modified
11650 Misc. Alkyd
11700 Non-Drying & Semioxidizing, Oil-Modified
11750 Thixotropic
11800 Water-Reducible
11850 AMINO RESINS
11900 BITUMENS
11950 CELLULOSE RESINS
12000 CROSSLINKING RESINS
12050 EPOXY HARDENERS
EPOXY RESINS:
12150 Epoxy UV-Curing
12200 Ester
12250 Liquid Solution
12300 Misc. Epoxy
12350 Solid
12400 Waterborne
12450 ESTER GUMS
FLUOROPOLYMERS:
12457 FEVE Resins
12460 PVDF Resins
12475 GREEN RESINS
12500 HIGH-SOLID RESINS
HYDROCARBON RESINS:
12600 Coumarone-Indene
12650 Emulsion
12700 Liquid/Solution
12750 Misc. Hydrocarbon
12800 Polybutadiene
12850 Solid
12900 Terpene
12950 MALEIC RESINS
13000 MELAMINE & MELAMINE-TYPE RESINS
13050 MISC. RESINS
13075 MONOMERS
13100 NATURAL RESINS
13150 NITROCELLULOSE
13200 OLEORESINOUS VARNISHES
PHENOLIC RESINS:
13300 Misc. Phenolic
13350 Modified for Powder Coatings
13400 Polyamide
13450 Solid
13500 Solution 915
13550 Waterborne
13600 POLYAMIDE RESINS
13650 POLYBUTENES
POLYESTER RESINS:
13800 Misc. Polyester
13850 Saturated
13900 Unsaturated
13950 Water-Reducible
13975 POLYOLS
14000 POLYSACCHARIDE RESINS
14050 ROSIN ESTERS

14100 SILICONE RESINS
STYRENE RESINS:
14200 Misc. Styrene
14250 Styrene/Vinyl Toluene-Polymer & Copolymer Solid
14300 Styrene/Vinyl Toluene-Polymer & Copolymer Solution
14350 Styrene-Butadiene Emulsions
14400 ULTRAVIOLET-CURING RESINS
14450 UREA RESINS
URETHANE & POLYURETHANE RESINS:
14550 ASTM Type I
14600 ASTM Type II
14650 ASTM Type IV
14700 ASTM Type V
14750 Misc. Urethane & Polyurethane
14800 Waterborne
VINYL RESINS:
14900 Misc. Vinyl
14950 Polyvinyl Acetate
15000 Polyvinyl Butyral
15050 Polyvinyl Chloride & Polyvinylidene Chloride
15100 Vinyl Acetate Polymer Emulsions

D. PIGMENTS, DISPERSIONS

BLACK, BROWN, AND GRAY PIGMENTS:
15250 Black Iron Oxide
15300 Brown and Gray
15350 Carbon Black
15400 Drop and Bone Blacks
15450 Lampblack
15500 Misc. Black
BLUE PIGMENTS:
15600 Blue, Purple and Violet PMA and PTA Toners and Lakes
15650 Indanthrone Blue
15700 Iron Blue
15750 Misc. Blue, Purple and Violet
15800 Phthalocyanine Blue
15850 Ultramarine Blue
15900 COMPLEX INORGANIC COLOR PIGMENTS
CORROSION-INHIBITING PIGMENTS:
16000 Misc. Corrosion-Inhibiting
16050 Zinc Dust and Flakes
16100 Zinc Phosphate
16150 Zinc Yellow
DYES:
16250 Misc. Dyes
16300 Organic
16350 Solvent Soluble
16400 Water-Soluble
EXTENDER PIGMENTS:
16500 Alumina Trihydrate
16550 Barium Sulfate (Barytes, Blanc Fixe)
16600 Bentonite
16650 Calcium Carbonate (Natural Ground, Precipitated)
16700 China Clay & Aluminum Silicate
16750 Feldspar
16800 Fillers/Fiber
16850 Glass Spheres
16900 Mica
16950 Microspheres
17000 Misc. Extenders
17050 Nepheline Syenite
17100 Silica - Amorphous-Naturally Occurring
17150 Silica - Amorphous-Synthetic
17200 Silica - Quartz and Diatomaceous
17250 Talc or Magnesium Silicate
17300 Wollastonite
GREEN PIGMENTS:
17400 Chrome Green
17450 Chromium Oxide

17500 Green PMA and PTA Toners and Lakes
 17550 Hydrated Chromium Oxide
 17600 Misc. Green
 17650 Phthalocyanine Green
 17700 Pigment Green B
IRON OXIDE PIGMENTS:
 17800 Black Iron Oxide
 17850 Burnt Sienna
 17900 Burnt Umber
 17950 Indian Red
 18000 Metallic Brown
 18050 Mineral Black
 18100 Ochre
 18150 Raw Sienna
 18200 Raw Umber
 18250 Red and Brown Iron Oxide - Natural
 18300 Red and Brown Iron Oxide - Synthetic
 18350 Spanish-Type Oxide
 18400 Transparent Iron Oxides
 18450 Van Dyke Brown
 18500 Yellow Iron Oxide-Synthetic
18550 LIGHT-INTERFERENCE PIGMENTS
METALLIC FLAKES AND POWDERED PIGMENTS:
 18650 Aluminum Pastes - Leafing
 18700 Aluminum Pastes - Non-Leafing
 18750 Aluminum Powders - Leafing
 18800 Aluminum Powders - Non-Leafing
 18850 Gold Bronze Powders
 18900 Leafing Aluminum Enhancer
 18950 Other Metallic Flakes and Powders
OTHER PIGMENTS:
 19050 High-Performance
 19100 Holographic
 19150 Iridescent
 19200 Luminescent and Fluorescent
 19250 Misc. Other
 19300 Pearlescent
 19350 Pearlescent Pigment Dispersions
 19400 Special-Effect
PIGMENT DISPERSIONS (AQUEOUS):
 19500 Color Concentrates
 19550 Machine Colorants
 19600 Presscakes
 19650 Solvent-Soluble Dyes
 19700 Tube Colorants
 19750 Universal Colorants and Industrial Colorants
 19800 Water-Soluble
PIGMENT DISPERSIONS (NON-AQUEOUS):
 19900 Acrylic Vehicle
 19950 Alkyd Vehicle
 20000 Epoxy Vehicle
 20050 Nitrocellulose Vehicle
 20100 Polyester Vehicle
 20150 Universal Solvent Vehicle Dispersion
 20200 Urethane Vehicle
RED PIGMENTS:
 20300 Alizarine or Madder Lake
 20350 Arylide Red and Maroon
 20400 BON Red and Maroon
 20450 Cadmium Red
 20500 Cadmium-Mercury Red, Maroon, and Orange
 20600 Diketopyrrolo Pyrrole (DPP)
 20650 Lithol Rubine
 20700 Misc. Red and Maroon Toners and Lakes
 20750 Para Red, Chlorinated Paranitraniline Toner
 20800 Perylene Red and Maroon
 20850 Pigment Scarlet
 20900 Pyrazolone Red and Maroon
 20950 Quinacridone Pigment
 21000 Red Lake C

21050 Rhodamine
 21100 Sodium Lithol, Calcium Lithol, and Barium Lithol Toner
 21150 Thioindigold Red and Maroon
 21200 Toluidine Red
WHITE PIGMENTS:
 21300 Aluminum Phosphate
 21350 Antimony Oxide
 21400 Titanium Dioxide - Anatase
 21450 Titanium Dioxide - Rutile
 21500 Zinc Oxide
 21550 Zinc Sulfide
YELLOW AND ORANGE PIGMENTS:
 21650 Cadmium Yellow and Orange
 21700 Chrome Orange
 21750 Chrome Yellow
 21800 Diarylide Orange Toner
 21850 Diarylide Yellow Toner
 21900 Hansa Yellow
 21950 Misc. Yellow and Orange Toners & Lakes
 22000 Misc. Yellow Pigments
 22050 Molybdate Orange
 22100 Orthonitraniline Orange, Dinitraniline Orange

E. SOLVENTS

22200 ALCOHOLS
22250 ALIPHATIC HYDROCARBONS
22300 AROMATIC HYDROCARBONS
22350 CHLORINATED SOLVENTS
22400 COMPLIANT SOLVENTS
22450 CUSTOM SOLVENT BLENDING
22500 DENATURED ALCOHOLS
22550 ESTERS
22600 GLYCOL ETHERS
22650 GLYCOLS
22700 KETONES
22750 MISC. SOLVENTS
22800 NITROPARAFFINS
22850 NON-HAP SOLVENTS
22900 RECLAIMED SOLVENTS

II. MANUFACTURING EQUIPMENT

23000 AGITATORS
23050 BATCH CONTROLLERS
23100 BATCH-WEIGHING EQUIPMENT
23150 BEADS, CERAMIC
23200 BEADS, GLASS, SMALL MEDIA MILL
23250 BLENDERS
23300 BLENDERS, CONICAL
23350 BLENDERS, CYLINDER
23400 BLENDERS, PORTABLE
23450 BLENDERS, RIBBON
23500 BLENDING TANKS
23550 BLUNGER
23600 CENTRIFUGES (also in Test/Measurement section)
CLEANING:
 23625 Cleaners/Solvents
 23650 Cleaning Equipment (Systems, Tub, Etc.)
 23660 Dry Ice Blasting/Supplies
 23670 Industrial Vacuum Cleaners
 23680 Ultrasonic Cleaners
23700 COLOR CARDS
23750 COLOR CONTROL SYSTEMS
23800 COLOR DISPLAYS
23850 COLOR FLUSHING EQUIPMENT
23900 COLOR MERCHANDISING AIDS
23950 COLOR METERS, COLOR-MATCH INSTRUMENTS
24000 CONTROL SYSTEMS
24050 CRUSHERS (Can, Drum, Etc.)
24100 CURING SYSTEMS

24150 DISPERSAL BLADES
24200 DISPERSAL MEDIA
24250 DISPERSERS
24300 DISTILLATION EQUIPMENT
24350 DUST-COLLECTION EQUIPMENT
24400 FILM APPLICATORS
24450 FILM-THICKNESS GAUGES (also in Test section)
24500 FILMS
24550 FILTER PRESSES
24600 FILTER/PRESSURE VESSELS
24650 FILTERING BAGS/STRAINERS
24700 FILTERING CARTRIDGES
24750 FLEXIBLE SCREW CONVEYORS
24800 FORK LIFTS
24850 GAUGES - PRESSURE
24900 GLOSSMETERS
24950 GLUING MACHINES
25000 GRINDING EQUIPMENT
25050 GRINDING MEDIA
25100 HEAT BOILERS - WASTE
25150 HEAT EXCHANGERS
25200 HEAT-RECOVERY SYSTEMS - WASTE
25250 HEAT-TRANSFER FLUIDS
25300 HOLDING, MIXING TANKS
25350 HOLIDAY DETECTORS (also in Test/Measurement section)
25375 HOSES
25400 HUMIDITY CHAMBERS
25450 IMPELLERS
25500 INFRARED-CURING EQUIPMENT
25550 LEVEL CONTROLS
25600 LEVEL SENSORS
25650 LEVEL SENSORS, ULTRASONIC
25700 LIGHT BOOTH
25750 LIQUID LEVEL INDICATORS
25800 MACHINES
25850 MECHANICAL CONVEYORS
25900 METERING EQUIPMENT - ELECTRONIC
25950 METERS
26000 METERS, pH
26050 MICROPROCESSORS
MILLS:
 26150 Attrition
 26200 Ball
 26225 Basket
 26250 Bead
 26300 Centrifugal Mills
 26350 Colloid
 26400 Horizontal
 26450 Impact
 26500 Jar and Jar Rolling
 26550 Laboratory
 26600 Misc. Mills
 26650 Pebble
 26700 Peg
 26750 Roller
 26800 Sand
 26850 Shot
 26900 Small Media
 26950 Vertical
MIXERS:
 27050 Bottom-Entry
 27100 Change-Can
 27150 Cone Screw
 27200 Counter-Rotating
 27250 Direct-Drive Agitators
 27300 Double-Planetary
 27350 Drum
 27400 Dual-Shaft
 27450 High-Shear Batch
 27500 High-Speed
 27550 High-Speed Dispersers
 27600 High-Speed Rotor Stator
 27650 High-Viscosity
 27700 Homogenizers

27750 Horizontal Paddle-Type
 27800 IBC
 27850 In-Line Mechanical
 27900 In-Line Motionless
 27950 Jacketed Half Pipe or Dimple
 28000 Jet (Powder Dissolving)
 28050 Kneader Extruder
 28075 Laboratory
 28100 Low-Shear
 28150 Misc. Mixers
 28200 Pipe Line
 28250 Reactor
 28300 Rotary Batch
 28350 Rotor Blade
 28400 Side-Entry
 28450 Spiral Blade
 28500 Static
 28550 Top-Entry
 28600 Triple-Shaft
28650 MIXING EQUIPMENT
28700 MIXING EQUIPMENT - AIR POWERED
28750 MIXING/DISPERSION BLADES
OVENS:
 28850 Microwave
 28900 Misc. Ovens
 28950 Thermal
 29000 Vacuum
29050 OXIDIZERS, CATALYTIC
29100 OXIDIZERS, THERMAL - WASTE VAPOR
29150 PAINT SHAKERS
29175 PAINT STRIPPERS
29200 PALLET CONVEYOR
29250 PALLET DISPENSERS
29300 PALLETIZERS
29350 PARTICLE CHARACTERIZATION
29400 PASTE MIXERS, HORIZONTAL
29450 PIGGING SYSTEMS
29500 PNEUMATIC CONVEYORS
29550 PORTABLE DISPLAY SYSTEM
POWDER COATING EQUIPMENT:
 29640 Cleaners/Strippers
 29650 Curing Systems
 29700 Extruders
 29750 Filter Belts
 29800 Fluidized Beds
 29850 Mills
 29900 Misc. Powder Equipment
29950 PROPORTIONING SYSTEMS AND COMPONENTS
PUMPS:
 30050 Air-Operated
 30100 Carboydrum
 30150 Centrifugal
 30200 Diaphragm
 30250 Drum
 30300 Hand
 30350 High-Pressure
 30400 Metering
 30450 Misc. Pumps
 30500 Positive-Displacement Rotary
 30550 Proportional
 30600 Pulsation Dampeners
 30650 Reciprocating
 30700 Turbine Rotary
 30750 Vacuum
30800 RAM DISCHARGE
30850 REACTOR & RECOVERY SYSTEMS
30900 REDUCTION EQUIPMENT
30950 REFLECTOMETERS
31000 REGISTERS - ELECTRONIC & MECHANICAL
31025 ROBOTS
31050 ROLLS - SETS
31100 SCREENING
31150 SEPARATORS
31200 SEPARATORS - MAGNETIC
31250 SHAKERS

31300 SIEVING EQUIPMENT
31350 SIZE REDUCERS
31400 SOLVENT-RECOVERY EQUIPMENT (also in Environmental section)
31450 SPECIAL DESIGN MACHINERY
31500 SPRAY BOOTH
31550 SPRAYING EQUIPMENT
31575 STATIC CONTROL
31600 STRAINING EQUIPMENT
31650 TEMPERATURE COMPENSATORS
31700 TEMPERATURE EQUIPMENT/CONTROLS
31750 TUBULAR CONVEYORS
31800 TURN-KEY PROCESSES
31875 USED EQUIPMENT (Buying/Selling)
31900 UV-CURE SYSTEMS
31950 UV LAMPS
32000 VALVES
32050 VISCOMETERS
32100 WASTE COMBUSTION EQUIPMENT

III. TEST/MEASUREMENT INSTRUMENTATION & SERVICES

32200 ACCELERATED WEATHERING
32250 ADSORPTION EQUIPMENT
32300 AIR MAKEUP/EXHAUST
32350 AIR POLLUTION/EFFLUENT CONTROL
32400 AIR QUALITY MONITORING EQUIPMENT
32450 AIR SAMPLING AND ANALYSIS EQUIPMENT
ANALYZERS:
 32550 Biochemical Oxygen Demand (BOD)
 32600 Chemical Oxygen Demand (COD)
 32650 Elemental (CHN)
 32700 Film Formation
 32750 Headspace
 32800 Kjeldahl Nitrogen
 32850 Misc. Analyzers
 32900 Moisture
 32950 Particle
 33000 Stability
 33050 Suspended Solids
 33100 Total Nitrogen
 33150 Total Organic Carbon (TOC)
BALANCES:
 33250 Analytical
 33300 Misc. Balances/Scales
 33350 Moisture
 33400 Top-Loading
33450 BATHS, CONSTANT TEMPERATURE
33500 BUILDING/CLEAN ROOMS
33550 CALORIMETERS, DIFFERENTIAL SCANNING CENTRIFUGES:
 33650 Misc. Centrifuges
 33700 Table Top
CHROMATOGRAPHY, GC:
 33800 GC/MS Systems
 33850 Pyrolysis
33900 CHROMATOGRAPHY, GEL PERMEATION
33950 CHROMATOGRAPHY, LC
34000 CLEANING EQUIPMENT
34050 CLEANING SUPPLIES, LABORATORY
34100 COATING APPLICATION
34150 COLOR CARDS
34200 COLOR CONTROL SYSTEMS
34250 COLOR MATCHING/MEASURING CONSULTING:
 34350 Analytical Services
 34400 Misc. Consulting

34450 Technical Consulting
CONTRACT SERVICES:
 34550 AFM Surface Analysis
 34600 Independent Test Labs
 34650 Misc. Other Contract Services
 34700 Solvent Reclamation
34750 DENSITY CUPS
34800 DESICCATORS
34850 DIFFERENTIAL SCANNING CALORIMETRY (DSC)
34900 DIFFERENTIAL THERMAL ANALYSIS (DTA)
34950 DRYING TIME RECORDERS
35000 DUST COLLECTORS
35050 DYNAMIC MECHANICAL ANALYSIS (DMA)
ELECTRODES:
 35150 Glassy Carbon
 35200 Graphite
 35250 Ion-Selective
 35300 Karl Fischer
 35350 Misc. Electrodes
 35400 pH
35450 ENVIRONMENTAL CONTROLS
35500 ENVIRONMENTAL TEST EQUIPMENT
35550 EXPLOSION PROTECTION SYSTEMS
35600 EXPOSURE TESTING
35650 FILM APPLICATORS
35700 FILM-THICKNESS GAUGES (also in Manufacturing Equip. section)
35800 FILTERS
35850 FLAME HOODS
35900 FLAMMABILITY TESTING INSTRUMENTS
36000 FLOW METERS
36050 FUNNELS
FURNACERS:
 36150 Misc. Furnaces
 36200 Muffle
 36250 Vacuum
36300 FURNITURE, LABORATORY, BENCHES, TABLES, AND DESKS
GAUGES:
 36400 Fineness of Grind
 36450 Grind
 36500 Misc. Gauges
 36550 Pressure
36650 GENERAL LABORATORY EQUIPMENT
36700 GLOVE BOXES
36750 HAZARDOUS MATERIALS HANDLING EQUIPMENT
36800 HIGH-SPEED MIXERS
36850 HOLIDAY DETECTORS
36900 HOODS, FUME
36950 HOT PLATES
37000 HUMIDITY/CONDENSATION CHAMBERS
37050 ICP
37100 IMAGE ANALYZERS
37200 LAB CARTS
LABWARE:
 37300 Glass
 37350 Misc. Other Labware
 37400 Plastic
37450 LIGHT BOOTHS
37500 MECHANICAL TESTING EQUIPMENT METERS:
 37600 Conductivity
 37650 Contact Angle
 37750 Micro Wave Scan
 37800 Misc. Meters
 37850 Moisture
 37900 pH
 37950 Wave Scan
 38000 Wood Moisture
MICROSCOPES:
 38100 Atomic Force

38150 Infrared
38200 Misc. Microscopes
38250 Optical
38300 Polarizing
38350 MICROWAVE DIGESTERS
38400 MIXERS/MILLS/GRINDERS
38450 MOLECULAR WEIGHT DETERMINATION
38500 ODOR-CONTROL EQUIPMENT
38550 OUTDOOR-EXPOSURE TEST EQUIPMENT
OVENS-LABORATORY:
38650 Microwave Ovens
38700 Misc. Ovens
38750 Thermal
38800 Vacuum
38850 PAINT OVERSPRAY RECOVERY/RECYCLING
38900 PARTICLE MEASUREMENT
38950 PARTICLE SIZE CHARACTERIZATION
39000 PH METERS
39050 PSYCHROMETERS
PUMPS:
39150 Misc. Pumps
39200 Vacuum
39225 REAGENTS
39250 RESPIRATORS, CHEMICAL CARTRIDGE/FILTER/DISPOSABLE
39300 RHEOMETERS, LIQUID
39350 RHEOMETERS, POWDER SAFETY EQUIPMENT:
39435 Anti-Fatigue Floor Mats
39450 Cans
39500 Eyeglasses and Goggles
39550 Eyewash Fountains
39600 Flammable Materials, Storage Cabinets
39650 Gloves
39700 Misc. Safety Equipment
39750 Protective Clothing
39800 Spill Cleanup
39850 SAFETY/HEALTH SERVICES
39900 SAMPLE PREPARATION
39950 SEM
40000 SHAKERS, PAINT
40050 SIFTERS
40100 SLUDGE TREATMENT
40150 SLUDGE-HANDLING EQUIPMENT
40200 SOFTWARE, LABORATORY INFORMATION MANAGEMENT SYSTEMS (LIMS)
40250 SOLIDS ANALYZERS
40300 SOLVENT-RECOVERY EQUIPMENT
40350 SPATULA, SS
40400 SPECIFIC GRAVITY CUPS (PYKNOMETER)
SPECTROMETERS:
40500 AA
40550 GC/MS
40600 ICP
40650 IR, FT-IR
40700 Mass
40750 Misc. Spectrometers
40800 Raman
40850 UV-VIS
40900 X-Ray
SPECTROPHOTOMETERS:
41000 Color-Measuring
41050 Fluorescence
41100 Infrared
41150 Misc. Spectrophotometers
41200 Ultraviolet
41250 STIRRERS
SURFACE ANALYSIS:
41350 Atomic Force Microscopy
41400 Auger Spectroscopy
41450 Electron Microprobe

41500 ESCA
41550 Ion-Scattering Spectrometry
41600 Misc. Surface Analysis
41650 Scanning Tunneling Microscopy
41700 Sims
41750 Surface Area
41800 TEMPERATURE INSTRUMENTATION
41850 TENSIMETERS
41900 TEST CHARTS
TESTING INSTRUMENTS:
42000 Abrasion
42050 Adhesion
42100 Chromatographic Support
42150 Chromatographs
42200 Coefficient of Friction
42250 Contact Angle
42300 Cross Hatch Cutter
42350 Densitometers
42400 Distinctness of Image Meters
42450 Flashpoint
42500 Glossmeters (also in Manufacturing Equipment)
42550 Hardness
42600 Hazemeters
42650 Holiday Detectors
42700 Hygrometers
42750 Impact Testers
42800 Mandrel Bend
42850 Microbial/Bacteria/Fungi
42900 Misc. Testing Instruments
42950 Particle-Size Analyzers
43000 Pencil Hardness
43050 Permeability Cups
43100 pH Meters
43150 Pinhole Detector
43200 Reflectometers
43250 Refractometers
43300 Specific Gravity
43350 Surface-Tension
43400 Taber Abrasion
43450 Tensile Strength and Elongation
43500 Viscosity
43550 Wet Abrasion
43600 THERMOMETERS
43650 TESTING PANELS
43700 TITRATORS
43750 ULTRASONIC CLEANERS
43775 UV-CURING SYSTEMS
43800 UV MEASUREMENT
43850 VISCOMETERS
43900 WATERBATH
43950 WASTE COMBUSTION EQUIPMENT
WASTE DISPOSAL:
44050 Misc. Waste Disposal
44100 Recycling
44150 WASTEWATER TREATMENT
44200 WEATHERING CHAMBERS
44250 WEIGHING DISHES
44300 WEIGHT PER GALLON CUPS
44350 WOOD TONGUE DEPRESSORS
44400 X-RAY DIFFRACTION SYSTEMS

IV. ENVIRONMENTAL EQUIPMENT AND SERVICES

44500 ADSORPTION EQUIPMENT
44550 AIR MAKEUP/EXHAUST
44600 AIR POLLUTION/EFFLUENT CONTROL
44650 AIR SCRUBBERS
44700 BUILDING/CLEAN ROOMS
44750 CONSULTING
CONTRACT SERVICES:
44850 Hazardous Waste Cleanup
44900 Inspection
44950 Monitoring

45000 Permit Assistance
45050 Solvent Reclamation
45100 Waste Testing
45150 DUST COLLECTORS
45200 ENGINEERING
45250 ENVIRONMENTAL CONTROLS
45300 ENVIRONMENTAL TEST EQUIPMENT
45350 EXPLOSION PROTECTION SYSTEMS
45400 EXPLOSION RELIEF VENTING
45450 EXPOSURE TESTING
45500 HAZARDOUS MATERIALS HANDLING EQUIPMENT
45525 HAZARDOUS MATERIALS TESTING
45550 INDUSTRIAL VACUUM CLEANERS
45600 ODOR-CONTROL EQUIPMENT
45650 PAINT OVERSPRAY RECOVERY/RECYCLING
45700 SAFETY/HEALTH SERVICES
45750 SLUDGE-HANDLING EQUIPMENT
45800 SLUDGE TREATMENT
45850 SOLVENT-RECOVERY EQUIPMENT (also in Manufacturing Equipment)
45900 VENTILATION
WASTE DISPOSAL:
46000 Recycled
46050 WASTEWATER TREATMENT

V. COMPUTER SOFTWARE

46150 COLOR MEASURING
46200 FORMULATION
46250 INTERNET COMPANIES
46300 LAB ANALYSIS
46350 MISC.
46400 MSD SHEETS
46450 ONLINE INFORMATION SERVICES
46500 ONLINE MARKETING SERVICES
46550 PRODUCTION
46570 REGULATORY COMPLIANCE

VI. PACKAGING AND MATERIAL HANDLING

46650 CAN CLIPS
46700 CAN/LABEL ORIENTORS
46750 CAN & PAIL CLOSERS
CONTAINERS/CANS:
46850 Aerosol Packaging
46900 Aluminum/Shipping
46950 Bags, Bulk
47000 Bags, Multiwall
47050 Bags, Polypropylene
47100 Composite (Fiber)
47150 Corrugated
47200 Disposable, Paperboard
47250 Intermediate Bulk
47300 Metal
47350 Misc. Containers/Cans
47400 Plastic
47450 Reconditioned and Repaired
47475 Recyclable
47500 Stainless Steel
47550 Steel
47600 Steel Shipping
47650 DEPALLETTIZERS
DISPENSING:
47750 Colorant
47800 Computerized
47850 Nozzles
DRUMS:
47950 Fiber
48000 Interior Linings
48050 Misc. Drums
48100 Plastic
48150 Reconditioned

48200 Removable Liners
48250 Steel
48300 DRUM CONVEYOR
48350 DRUM-HANDLING EQUIPMENT
48400 DRUM POURING EQUIPMENT
FILLING EQUIPMENT:
48500 Feeders
48550 Fillers
48600 Lid-Closing Machines
48650 Lid Openers
48700 Lid Punch Closures
48750 Lid Punch - 5-Gallon Containers
48800 Misc. Filling Equipment
48850 HAZARDOUS MATERIAL
CONTAINERS
48950 LABEL MACHINES
49000 LABEL PRINTING
49050 LABELS
49150 PACKAGE SERVICES - CUSTOM

49200 PACKAGING DENESTERS
49250 PAIL CONVEYORS
49275 ROBOTS
49300 SEALING EQUIPMENT
49350 SHRINK WRAP
TANKS:
49450 Cleaning Equipment
49500 Cleaning Services
49550 Fiberglass
49600 Metal
49650 Misc. Tanks
49700 Plastic
49750 Polyurethane
49800 Portable
49850 Process
49900 Shipping
49950 Storage
50000 Thinning/Tinting
50050 Tote

VII. CONSULTING AND SERVICES

CONSULTING:

50200 Analytical Services
50250 Business
50300 Job Search
50350 Process Engineering
50400 Product Development
50450 Technical

50500 PRINTING SERVICES

50525 REGULATORY COMPLIANCE

**50550 TESTING SERVICES/
LABORATORIES**

50600 TOLL MANUFACTURING

50650 TOUCH-UP PAINT

2012 Buyers Guide & Targeted Directories

For Service Providers and Suppliers of Raw Materials, Manufacturing Equipment,
Lab Instrumentation, Packaging, Environmental, Software, and More.

Company Name: _____ Account Number: _____

If you have new product heading suggestions, please list them below and we will consider them for future issues or email Andrea Kropp at kroppa@pcimag.com.