

PCI

Paint & Coatings Industry

2009 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
- Lab Directory Listing: Select from Section III. TEST/MEASUREMENT INSTRUMENTATION & SERVICES – Code numbers 32200-44400
- 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/Measurement Instrumentation; etc..)

I. RAW MATERIALS

A. ADDITIVES

00150 **ABRASION RESISTANCE IMPROVERS**
 00200 **ABSORBENTS**
 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**
 00950 **ANTI-RUST AGENTS**
 01000 **ANTI-SAG AGENTS**
 01050 **ANTI-SETTLING AGENTS**
 01100 **ANTI-SILKING AGENTS**
 01150 **ANTI-SKINNING AGENTS**
 01200 **ANTI-STATIC AGENTS (Anti-Stats)**
 01250 **ANTIOXIDANTS**
ANTIMICROBIALS:
 01350 Algicides
 01400 Bactericides
 01450 Biocides
 01500 Enzyme-Based Additives
 01550 Fungicides
 01600 In-Can Preservatives
 01650 Insecticides
 01700 Misc. Preservatives
 01750 Non-Mercurial
 01800 **BODYING AGENTS**
 01850 **BRIGHTENERS (Optical)**
 01900 **BURNISH RESISTANT ADDITIVES**
 01950 **CATALYSTS**
 02000 **CAUSTICS & CAUSTIC SODA**
 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
DEGASSING AGENTS
DENATURANTS
DESICCANTS
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**
 04700 **HARDENERS**
 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 **MICROSPHERES**
 05550 **MISC. OTHER ADDITIVES**
 05600 **MISC. OTHER CHEMICAL SPECIALTIES**
 05650 **MISC. POWDER COATING ADDITIVES**
 05700 **MISC. VISCOSITY & FLOW-CONTROL AGENTS**
 05750 **MOISTURE SCAVENGERS**
 05800 **MONOMERS**
 05850 **NANOTECHNOLOGY ADDITIVES**
 05900 **ODORANTS**
 05950 **OILS**
 06000 **ORANGE PEEL PREVENTERS**
 06050 **ORGANIC PEROXIDES**
 06100 **ORGANOCLAYS**
 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 Polymerics
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 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 MODIFIER**
08200 **SURFACE TENSION REDUCER**
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 & 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:
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**
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**

13700 **POLYOLS**
POLYESTER RESINS:
13800 Misc. Polyester
13850 Saturated
13900 Unsaturated
13950 Water-Reducible
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, & 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 & 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
19000

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
20550 Cuprous Oxide
20600 Diketopyrrolo Pyrolle (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)
23625 CLEANERS/SOLVENTS
23650 CLEANING EQUIPMENT (Systems,
Tub, Etc.)
23700 COLOR CARDS
23750 COLOR CONTROL SYSTEMS
23800 COLOR DISPLAYS
23850 COLOR FLUSHING EQUIPMENT
23900 COLOR MERCHANDISING AIDS
23950 COLOR METERS, COLOR-MATCH

INSTRUMENTS
CONTROL SYSTEMS
24000 CRUSHERS (Can, Drum, Etc.)
24050
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)
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
 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
OXIDIZERS, CATALYTIC
 29100 **OXIDIZERS, THERMAL - WASTE VAPOR**
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**
REDUCTION EQUIPMENT
 30950 **REFLECTOMETERS**
 31000 **REGISTERS - ELECTRONIC & MECHANICAL**
 31050 **ROLLS - SETS**
 31100 **SCREENING**
 31150 **SEPARATORS**
 31200 **SEPARATORS - MAGNETIC**
SHAKERS
 31250 **SIEVING EQUIPMENT**
 31300 **SIZE REDUCERS**

31400 **SOLVENT-RECOVERY EQUIPMENT (also in Environmental section)**
 31450 **SPECIAL DESIGN MACHINERY**
 31500 **SPRAY BOOTH**
 31550 **SPRAYING EQUIPMENT**
 31600 **STRAINING EQUIPMENT**
 31625 **STATIC CONTROL**
 31650 **TEMPERATURE COMPENSATORS**
 31700 **TEMPERATURE EQUIPMENT/CONTROLS**
 31750 **TUBULAR CONVEYORS**
 31800 **TURN-KEY PROCESSES**
 31850 **ULTRASONIC CLEANERS**
 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**
BUILDING/CLEAN ROOMS
 33500 **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**
CLEANING EQUIPMENT
 34050 **CLEANING SUPPLIES, LABORATORY**
COATING APPLICATION
 34100 **COLOR CARDS**
 34150 **COLOR CONTROL SYSTEMS**
 34200 **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)**
FILTERS
 35800 **FLAME HOODS**
 35900 **FLAMMABILITY TESTING**
 36000 **FLOW METERS**
 36050 **FUNNELS**
FURNACES:
 36150 Misc. Furnaces
 36200 Muffle
 36250 Vacuum
 36300 **FURNITURE, LABORATORY, BENCHES, TABLES, AND DESKS**
GAUGES:
 36400 Fineness of Grind
 36450 Grind
 36500 Misc. Gages
 36550 Pressure
 36650 **GENERAL LABORATORY EQUIPMENT**
 36700 **GLOVE BOXES**
 36750 **HAZARDOUS MATERIALS HANDLING EQUIPMENT**
HIGH SPEED MIXERS
 36850 **HOLIDAY DETECTORS**
 36900 **HOODS, FUME**
 36950 **HOT PLATES**
 37000 **HUMIDITY/CONDENSATION CHAMBERS**
 37050 **ICP**
 37100 **IMAGE ANALYZERS**
 37150 **INDUSTRIAL VACUUM CLEANERS**
 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
39250 **RESPIRATORS, CHEMICAL CARTRIDGE/FILTER/DISPOSABLE**
39300 **RHEOMETERS, LIQUID**
39350 **RHEOMETERS, POWDER**
SAFETY EQUIPMENT:
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 **TENSIOMETERS**
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**
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
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 Equip.)**
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**

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 **DEPALLETIZERS**
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
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

50500 PRINTING SERVICES
50525 REGULATORY COMPLIANCE
50550 TESTING SERVICES/LABORATORIES
50600 TOLL MANUFACTURING

VII. CONSULTING AND SERVICES

CONSULTING:

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

2009 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.