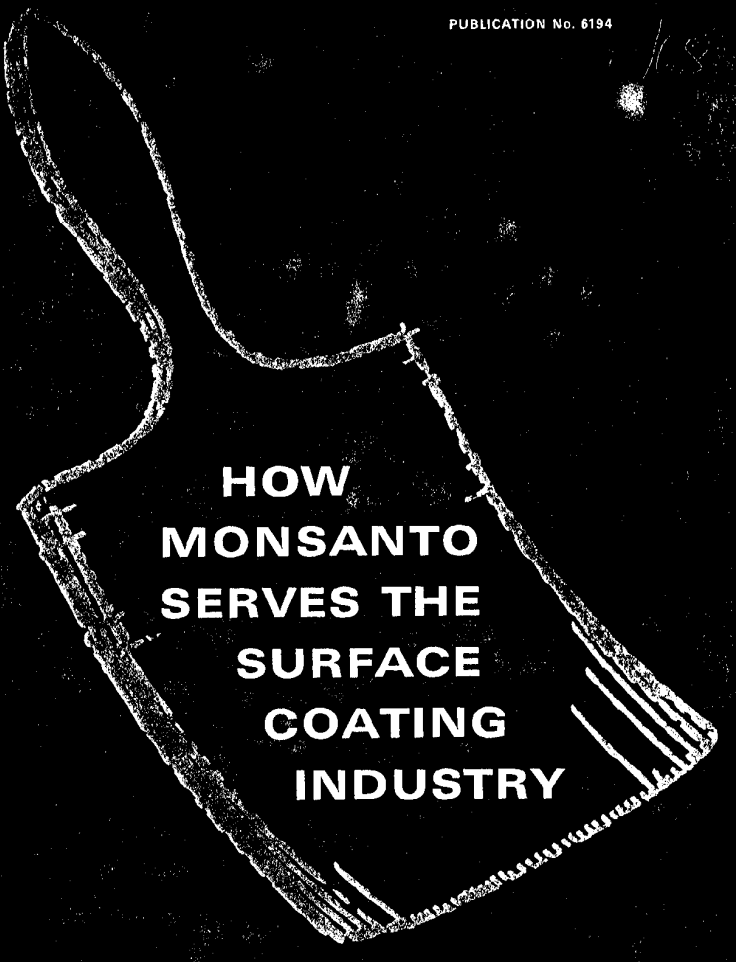
PUBLICATION No. 6194



HOW MONSANTO SERVES THE SURFACE COATING INDUSTRY

APPLICATIONS and PRODUCTS

0508392

TOWOLDMON0033957
WATER_PCB-00018426

FOR OVER THIRTY YEARS MONSANTO HAS SERVED THE SURFACE COATING INDUSTRY

For over thirty years Monsanto has furnished the coatings industry with a wide variety of components for applications ranging from automotive finishes to exterior house paints.

Throughout this period close research teamwork between Monsanto and the paint manufacturers has given us many welcome opportunities to work with the industry on problems of material for the improvement of paint performance.

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For your convenience

A COMPLETE LISTING OF APPLICATIONS AND MONSANTO PRODUCTS

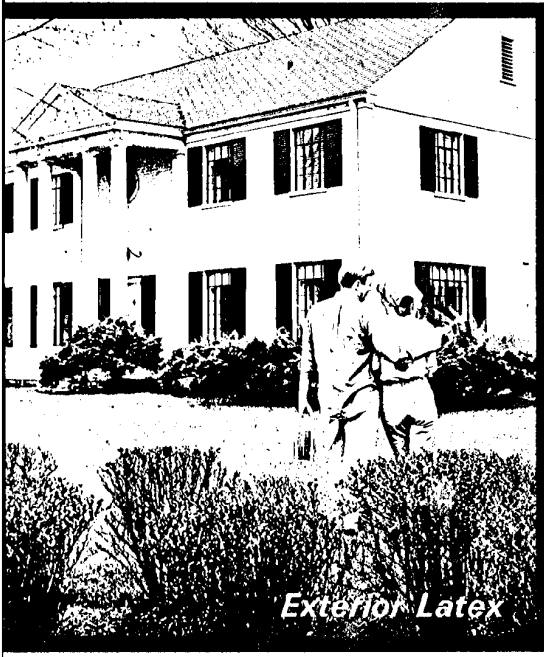
serving the surface coating industry

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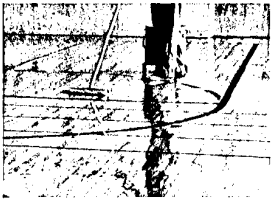
A broad spectrum of service to the industry.

SOME OF THE USES





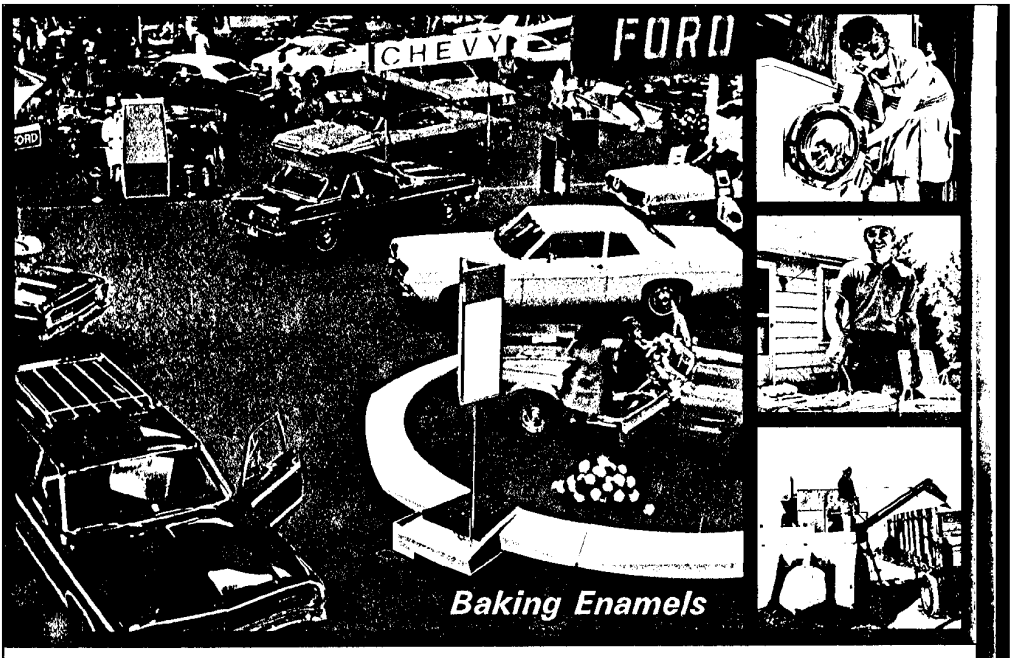


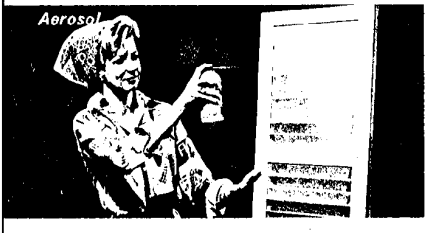


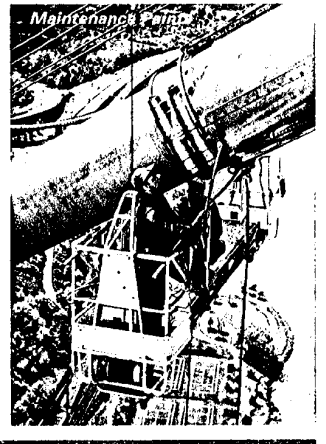




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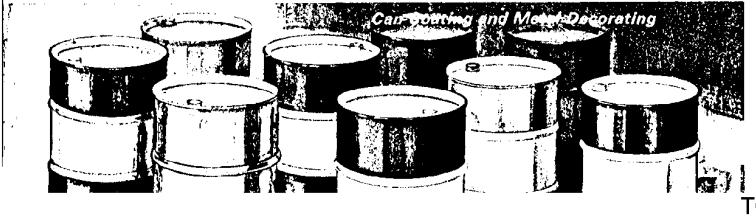


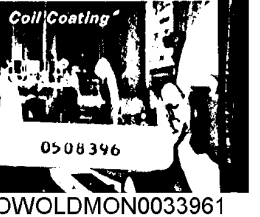












TOWOLDMON0033961
WATER_PCB-00018430

An alphabetical listing of end uses for Monsanto materials

As a useful guide to users and potential users of Monsanto products we have developed this listing of the uses known to us for our materials.

We recognize that we cannot call this list complete as there are probably more applications of our products that can be added to this list by research and technical people in the surface coating industry.

For this reason we are also giving — in a separate section in the back of this book — another index of Monsanto products arranged in alphabeticel order.

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TOWOLDMON0033962
WATER_PCB-00018431

a

ACRYLIC LACQUER MODIFIERS

Plasticizers in protective coatings **PL-327**

Santicizer® 160 plasticizer for flexibility and reflow **O/PL-347**

Santicizer® 261 { Plasticizers lower in volatility and more flexible than Santicizer® 160 ..... **PL-261**

Santicizer® 262 { **PL-262**

AEROSOL SPRAY

HBPA* for increased solids at low viscosity **RE-16**

ALKYD MODIFIERS

Benthal® benzoic acid technical in alkyd resins **RE-8**

Modaflow® flow and leveling improver for alkyd varnishes and enamels, acrylics and cellulose lacquers, epoxies **O/PL-338**

Phos-Chek® P/30 fire retardant for polyesters **I-270**

RJ-100® and RJ* 101 for improved gloss, hardness, adhesion, and detergent corrosion and chemical resistance **5034A, 5066, 6187A**

Tetrathal® reactive intermediate for flame retardant polyester, polyol and alkyd polymers **O/RE-19**

Santocel® 68 stir-in flatting agent **I-295**

APPLIANCE FINISHES

Primer

HBPA* for improved corrosion resistance **RE-16**

Resimene® urea resin crosslinkers for baking finishes **1094A**

RJ-100® for improved detergent and corrosion resistance **5034A, 5066**

Topcoat

Resimene® melamine and urea resin crosslinkers for baking finishes **1094A**

RJ-100® for improved detergent, stain and corrosion resistance **5034A, 5066**

AQUEOUS INDUSTRIAL FINISHES

Water-soluble industrial finishes **I-261, RE-16, 1094A, 6084B, 5035**

ARCHITECTURAL FINISHES

Ceiling tile paint **I-270, 6055**

Cement additives **6059, 6061, 6134, 6082**

Concrete floor paints **RE-17**

Exterior house paint **O/PL-311, RE-17, 6163A**

Fire-retardant coatings **O/PL-306, I-270, SR-7088, PL-140, O/PL-141, O/PL-343D, O/RE-19, O/PL-305, O/PL-301**

Interior house paint **RE-17**

Joint compounds **6135, 6082, 6101, PL-331**

Masonry coatings **O/PL-311**

*Trademark of the Monsanto Company

TOWOLDMON0033963

WATER_PCB-00018432

Request these publications by number

ASPHALT COATINGS

Montar® polychlorinated polyphenyl compounds impart flame retardance and improve adhesion characteristics of asphalt pipe coatings **O/PL-328**

Aroclor® resins and plasticizers for chlorinated rubber used in traffic paints **O/PL-311**

AUTOMOTIVE FINISHES (including buses, trucks, farm equipment, etc.)

Primers

HBPA* for corrosion resistance **RE-16**

Resimene® melamine and urea resin crosslinkers for baking finishes **1094A, 6084B**

Topcoats

Resimene® melamine and urea resin crosslinkers for baking finishes **1094A**

Acrylic lacquer modifiers **PL-327, O/PL-347, PL-261, PL-262**

Alkyd modifiers **RE-8, O/PL-338, I-270, 5034A, 5066, 6187, O/RE-19**

Refinish

Acrylic lacquer modifiers **PL-327, O/PL-347, PL-261, PL-262**

Alkyd modifiers **RE-8, O/PL-338, I-270, 5034A, 5066, 6187, O/RE-19**

b**–c

CAN COATINGS (metal decorating of can, pail and drum coatings)

HBPA* for corrosion resistance **RE-16**

Plasticizers in protective coatings **PL-327**

Resimene® melamine and urea resin crosslinkers for baking finishes **1094A, 6084B**

Resinox® P-97 phenolic resin **1047**

Santolite® MHP and MS – 80% – are adhesion promoters and flexibilizers. They also improve gloss and toughness **O/PL-320**

CATALYSTS

Toluenesulfonic acid **IN-5**

CEILING TILE PAINT

Fire-retardant coatings using Phos-Chek® P/30 ..... **I-270**

Specialty ceiling tile coatings **6055**

CELLULOSE LACQUER MODIFIERS

Aroclor® plasticizers **O/PL-306**

Plasticizers in protective coatings **PL-327**

RJ-100® for improved gloss, hardness, clarity, quick dry, water and chemical resistance **5066**

**There are no "b" listings.

*Trademark of the Monsanto Company

0508399

TOWOLDMON0033964
WATER_PCB-00018433

Santicizer® 160 plasticizer improves flexibility and reflow properties	O/PL-347
Santicizer® 261 — Plasticizers lower in volatility and more flexible than Santicizer® 160	PL-261
Santicizer® 262 — Plasticizers lower in volatility and more flexible than Santicizer® 160	PL-262
Santicizer® 8 — Plasticizers showing excellent balance of flexibility, adhesion and water resistance properties	O/PL-339
Santicizer® I-H — Plasticizers showing excellent balance of flexibility, adhesion and water resistance properties	O/PL I-H
Santocel® 68 stir-in flatting agent	I-295
Santolite® MHP and MS — 80% — significantly improve adhesion, flexibility, water resistance and gloss	O/PL-320
Solid plasticizers for coatings and lacquers	O/PL-345
Triphenyl phosphate, flame-retardant plasticizer	PL-301

CEMENT ADDITIVES

Additives and bonding agents for stucco	6059
Cement paint suggested starting formulation based on polyvinyl alcohol	6061
Gelva® powder 700 powdered polyvinyl acetate binder for dry mix cementitious products — improves bond to substrate and compressive strength	6134
Gelvatol® polyvinyl alcohols generally used in combination with Gelva® powder 700	6082, 6134

CHEMICALS

Acrylonitrile	MCA SD-31
Adipic acid	RE-6
Benthal® benzoic acid	RE-8
Bisphenol A	RE-1
Dibutyl maleate and dibutyl fumarate	RE-7, RE-17
Ethyl acetate	6085
Formaldehyde	1069B, 6178
Fumaric acid	RE-4
Glacial acetic acid	6158
HBPA* hydrogenated bisphenol A	RE-16
Maleic anhydride	O/RE-5
Molten maleic anhydride	RE-12
Molten phthalic anhydride	RE-11
Phthalic anhydride	RE-11
Styrene monomer	Booklet
Tetrathal® tetrachlorophthalic anhydride	O/RE-19
Toluenesulfonic acid	IN-5
Vinyl acetate monomer	MCA SD-75

CHLORINATED RUBBER MODIFIERS

Aroclor® resins and plasticizers for chlorinated rubber	O/PL-311

COIL COATING

Opalon® vinyl resins for plastisols and organosols	1034, 3110A
Plasticizers for vinyl coatings	PL-327
Resimene® melamine and urea resins	1094A, 6084B

CONCRETE FLOOR PAINT

Fumarate and maleate esters for latex coatings	RE-17

CONCRETE SWIMMING POOL AND TRAFFIC PAINTS

Aroclor® resins and plasticizers for chlorinated rubber	O/PL-311

*Trademark of the Monsanto Company

TOWOLDMON0033965
WATER_PCB-00018434

d**–e

ELECTRODEPOSITION

RJ-100® ester adduct emulsion vehicles **6000**

EPOXY MODIFIERS

Aroclor® fire retardants for epoxies **O/PL-306**

Modaflow® flow and leveling improver for alkyd varnishes and enamels, acrylics and cellulose lacquers, epoxies **O/PL-338**

Mod-Epox® viscosity improver for epoxies **O/PL-313**

Phos-Chek® P/30 fire retardant **I-270**

Plasticizers for hard-to-plasticize resins **PL-332**

Plasticizers in protective coatings **PL-327**

EXTERIOR HOUSE PAINT

Aroclor® resins and plasticizers for chlorinated rubber used in masonry coatings **O/PL-311**

Fumarate and maleate esters for latex coatings **RE-17**

RF-6318 soluble vehicle for modifying exterior latex paints. Provides improved hiding, adhesion and mildew resistance **6163A**

f

FABRIC COATINGS

Fire-retardant additive based on Phos-Chek® P/30 ..... **I-270**

Opalon® vinyl resins for plastisols and organosols **1034, 3110A**

FINGER NAIL LACQUER

Santolite® MHP and MS — 80% — significantly improve adhesion, flexibility, water resistance and gloss **O/PL-320**

FIRE-RETARDANT COATINGS

Aroclor®, chlorine containing bi- and ter-phenyls **O/PL-306**

Phos-Chek® P/30 for intumescent coatings **I-270, SR-7088**

Phosgard® C-22-R. Excellent flame retardant for many polymer systems such as urethanes, acrylics and epoxies. Also synergist for flame-retardant polyesters when used in combination with Tetrathal® **PL-22**

Santicizer® 141, Santicizer® 148 } Phosphate esters **O/PL-141**, **O/PL-343D**

Tetrathal® tetrachlorophthalic anhydride used in synthesis of polyester, polyol and alkyd polymers **O/RE-19**

Tricresyl phosphate **O/PL-305**

Triphenyl phosphate **O/PL-301**

**There are no "d" listings.

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TOWOLDMON0033966
WATER_PCB-00018435

FLATTING AGENTS

Santocel® silica aerogels I-263, I-295

FLOW AGENTS

Modaflow® for alkyd varnishes and enamels, acrylic and cellulose lacquers and epoxies O/PL-338

g

GLASS YARN COATING

Opalon® vinyl resins for plastisols and organosols 1034, 3110A

h

HOUSE PAINT

Concrete floor paints RE-17

Exterior house paint O/PL-311, RE-17, 6163

Fire retardant coatings O/PL-306, I-270, SR-7088, PL-140, O/PL-141, O/PL-343D, O/RE-19, O/PL-305, O/PL-301

Interior house paint RE-17

Masonry coatings O/PL-311

i

INKS

Aroclor® resins and plasticizers for chlorinated rubber O/PL-311

Resimene® melamine and urea resin crosslinkers for inks and overprint varnishes 1094A, 6084B

Santocel® bodying agent for printing ink vehicles I-253

INTERIOR HOUSE PAINT

Fumarate and maleate esters for latex coatings RE-17

TOWOLDMON0033967
WATER_PCB-00018436

INTUMESCENT COATINGS

Fire-retardant coatings O/PL-306, I-270, SR-7088, PL-140, O/PL-141, O/PL-343D, O/RE-19, O/PL-305, O/PL-301

j

JOINT COMPOUNDS

Gelva® powder 702, powdered polyvinyl acetate binder for dry mix joint compounds 6135

Gelvatol®, polyvinyl alcohol, generally used in combination with Gelva® powder 702 in dry mix joint compounds 6082

Joint compounds (both dry mix and paste types) 6101

Monsanto modifiers for Thiokol† polysulfide liquid polymers PL-331

k**–l

LACQUER MODIFIERS

Acrylic lacquer modifiers PL-327, O/PL-347, PL-261, PL-262

Cellulose lacquer modifiers . . . . . O/PL-306, PL-327, 5066, O/PL-347, PL-261, PL-262, O/PL-339, O/PL I-H, O/PL-320, O/PL-345, PL-301, I-295

LATEX MODIFIERS

Lytron® styrene-maleic anhydride copolymers to improve mechanical, freeze-thaw, package and viscosity stability 1023A

Maleate and fumarate esters as softening co-monomers RE-17

RF-6318 soluble vehicle for modifying exterior latex paints. Provides improved hiding, adhesion and mildew resistance 6163A

** There are no "k" listings.

†Reg. trademark of the Thiokol Chemical Corp.

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TOWOLDMON0033968
WATER_PCB-00018437

m

MAINTENANCE AIR DRY COATINGS

Aroclor® resins and plasticizers for chlorinated rubber **O/PL-311**

HBPA* for corrosion resistance **RE-16**

RJ-100® for improved chemical and corrosion resistance **5034A**

MARINE WASH PRIMERS

Butvar® resin, single package wash primer B-1011. Clear primer for variety of metal substrates **6107**

Butvar® resin, wash primer B-1030. Offers improved adhesion and performance as compared to specification wash primers **6062**

Butvar® resin, wash primer B-1032. Similar to B-1030 but with different pigmentation **6011**

Formvar,® wash primer F-1031. Offers improved solvent resistance **6007**

U. S. Navy specification wash primers **6095**

MARINE PAINT TOPCOATS

Aroclor® resins and plasticizers for chlorinated rubber. These coatings are designed to protect wood and metal on boats, barges and other marine equipment **O/PL-311**

MASONRY COATINGS

Aroclor® resins and plasticizers for chlorinated rubber **O/PL-311**

MASTIC COATINGS FOR STRUCTURAL STEEL

Fire retardant additive Phos-Chek® P/30 ..... **I-270**

METAL DECORATING

Can coating **RE-16, PL-327, 1094A, 6084, 1047, O/PL-320**

MILDEW AND MOLD RESISTANCE

Preservatives **O/PS-1, O/PS-6**

n

NYLON YARN COATING

Opalon® vinyl resins for plastisols and organosols **1034, 3110A**

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WATER_PCB-00018438

Request these publications by number

o

ODORANTS
Santomask® II odor control agent for paints **PL-325**

OVERPRINT VARNISHES
Resimene® melamine and urea resin crosslinkers **1094A, 6084B**

p

PACKAGING
Plasticizers in protective coatings **PL-327**

PAPER COATING
Alkali-soluble polyvinyl acetate resin binders for paper coating **6045, 6110**
Fire-retardant additive Phos-Chek® P/30 ..... **I-270**
Gelva® polyvinyl acetate greaseproof coatings for paper and board **6047**
Gelvatol® polyvinyl alcohol for paper coatings **6050, 6082**
Opalon® vinyl resins for plastisols and organosols **1034, 3110A**
Plasticizers in protective coatings **PL-327**
Polyvinyl alcohol calender coatings **6048**
Resimene® melamine and urea resin crosslinkers **1094A, 6084B**
Santolite® MHP and MS — 80% — significantly improves adhesion, flexibility, water resistance and gloss **O/PL-320**
Scripset® 500 for coating holdout **O/PC-4**
Scripset® 520 for alkaline sizing **O/PC-5**
Scripset® 101 for clay coatings **O/PC-2**
Solid plasticizers for coatings and lacquers **O/PL-345**

PIGMENTS
Monsanto lampblacks **I-155**

PIPE COATINGS
Fire-retardant mastic coating **I-270**
Monter® polychlorinated polyphenol compounds impart flame retardance and improve adhesion characteristics of asphalt pipe coatings **O/PL-328**

PLASTICIZERS
Aroclor® plasticizers **O/PL-306**
Aroclor® resins and plasticizers for chlorinated rubber **O/PL-311**
Dicyclohexyl phthalate (DCHP) for nitrocellulose lacquers **PL-312**
Phosgard® C-22-R **O/PL-22**
Plasticizers guide ..... **Fold-Out**

0508405

TOWOLDMON0033970
WATER_PCB-00018439

Plasticizers in protective coatings.....PL-327
Plasticizers for hard-to-plasticize resins.....PL-332
Santicizer® 1-H versatile solid plasticizer.....O/PLI-H
Montar® polychlorinated polyphenyl compounds.....O/PL-328
Santicizer® 8.....O/PL-339
Santicizer® 9 solid processing aid and reactive plasticizer.....O/PL-9
Santicizer® 160.....O/PL-347
Santicizer® 261 monomeric processing aid with polymeric permanence.....PL-261
Santicizer® 262.....PL-262
Santicizer® M-17 for cellulose and polyvinyl acetate coatings.....PL-17
Santolite® MHP and MS — 80%.....O/PL-320
Solid plasticizers for coatings and lacquers.....O/PL-345
Tricresyl phosphate.....O/PL-305
Triphenyl phosphate.....O/PL-301

POLYESTER MODIFIERS

Aroclor® plasticizers.....O/PL-306
Monsanto raw materials for the polyester industry. Tetrathal® and HBPA*.....O/RE-19
Phos-Chek® P/30 for flame-retardant polyesters.....I-270
Phosgard® C-22-R synergist for flame-retardant polyester when used in combination with Tetrathal®.....O/PL-22

PRESERVATIVES

Monsanto Prilled Penta an additive for oil-based coatings will control mold and mildew formation on the painted surface.....O/PS-1
Santobrite® for water-based coatings will not only control mold and mildew formation on the painted surface but will also protect the water-based paint in the can against spoilage.....O/PS-1, O/PS-6

q**–r

RULE 66 (Los Angeles County) COATINGS

Ethylbenzene solvent.....TX-12
Resimene® aminoplasts in non-photochemically reactive solvents as defined in Rule 66.....6117B

**There are no "q" listings.

*Trademark of the Monsanto Company

TOWOLDMON0033971
WATER_PCB-00018440

s

SEALERS
Wood finishing sealers **6070, 6008**

STRIPPABLE COATINGS
Butvar® dispersion BR. Aqueous dispersion of plasticized polyvinyl butyral resin for strippable (peel off) coatings **6019A**
Opalon® vinyl resins for plastisols and organosols **3110A, 1034**
Plasticizers for protective coatings **PL-327**
Wash-off coatings **6148A, 6103**

STRAND COATINGS (glass yarn and fabric)
Opalon® vinyl resins for plastisols and organosols **1034, 3110A**

SURFACE ACTIVE AGENTS
Modaflow® for alkyd varnishes and enamels, acrylic and cellulose lacquers and epoxies **O/PL-338**

SWIMMING POOL PAINT (concrete)
Aroclor® resins and plasticizers for chlorinated rubbers **O/PL-311**
Modaflow® modifier for reducing pinholes **O/PL-338**

t

TEMPORARY COATINGS
Strippable coatings **6019A, 3110A, 1034, PL-327**
Wash-off coatings **6148A, 6103**

THICKENING AGENTS
EMA® ethylene-maleic anhydride resins for aqueous resin systems **I-261**

TRAFFIC PAINT
Aroclor® resins and plasticizers for chlorinated rubber **O/PL-311**

u**–v**–w

WASH COATS
Wood finishing wash coats **6070, 6008**

**There are no "u" or "v" listings.

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TOWOLDMON0033972
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Request these publications by number

WASH-OFF COATINGS

Temporary wash-off coatings. A number of alkali removable coatings for temporary protection of a variety of substrates under a variety of exposures **6148A**

Gelva® polyvinyl acetate. Includes Gelva® C-5V-16 used as the base resin for the wash-off coatings **6103**

WASH PRIMERS

Marine wash primers **6107, 6062, 6011, 6007, 6095**

WATER-SOLUBLE INDUSTRIAL FINISHES

EMA® thickening agents for aqueous resin systems **I-261**

HBPA* for water-soluble gloss enamel **RE-16**

Resimene® water-soluble melamine resin crosslinkers **1094A, 6084B**

RJ-100,® a resinous polyol for water-soluble vehicles **5035**

Trade sales coatings

Concrete floor paints **RE-17**

Exterior house paints **O/PL-311, RE-17, 6163**

Fire-retardant coatings (None are water-soluble; however, all are water-dispersible or emulsifiable.) **O/PL-306, I-270, SR-7088, PL-140, O/PL-141, O/PL-343D, O/RE-19, O/PL-305, O/PL-301**

Interior house paints **RE-17**

Masonry coatings **O/PL-311**

WOOD FINISHES

Washcoats and sealers

Butvar® and Formvar®— properties and uses **6070**

Butvar® intermediate coats for wood finishes. Wash coat and wood sealer systems for upgrading wood and hardboard finish properties **6008B**

Cellulose lacquer modifiers ..... **O/PL-306, PL-327, 5066, O/PL-347, PL-261, PL-262, O/PL-339, O/PL I-H, O/PL-320, O/PL-345, PL-301**

Topcoats

Phos-Chek® P/30 for intumescent finishes **I-270**

Resimene® urea resin crosslinkers **1094A**

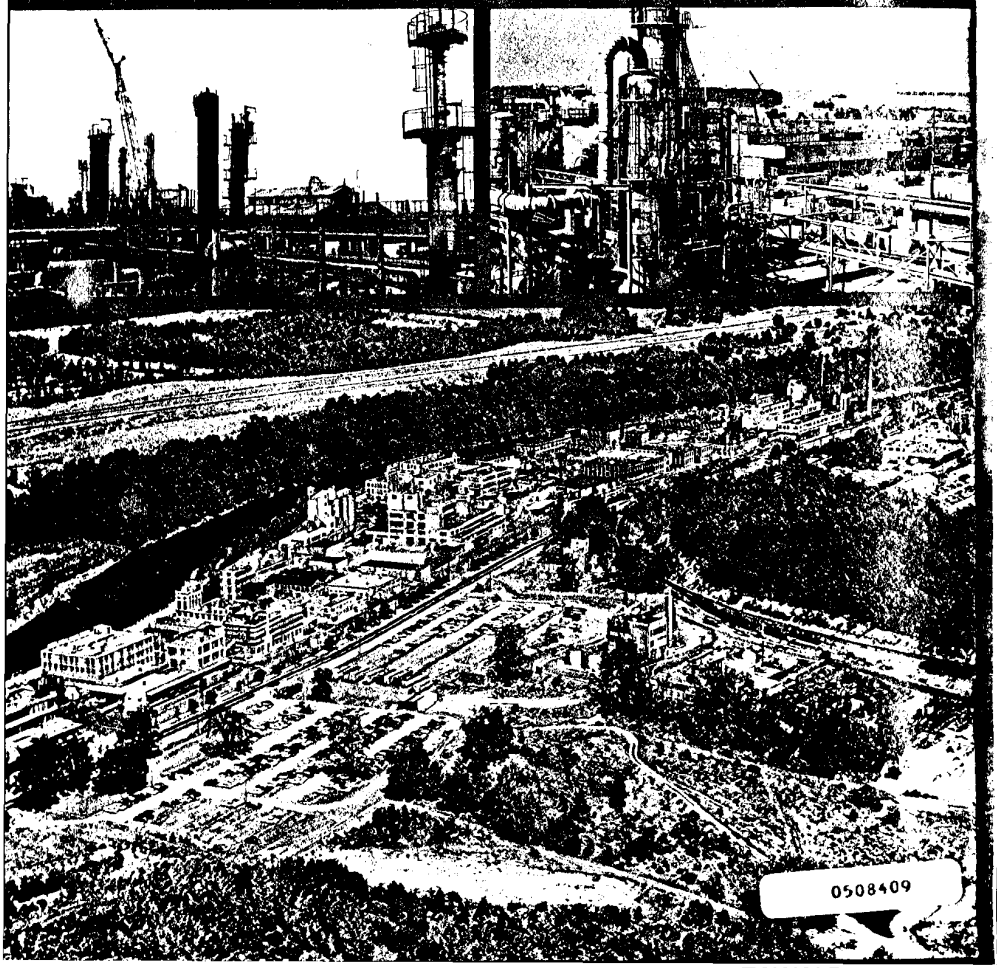
Cellulose lacquer modifiers ..... **O/PL-306, PL-327, 5066, O/PL-347, PL-261, PL-262, O/PL-339, O/PL I-H, O/PL-320, O/PL-345, PL-301**

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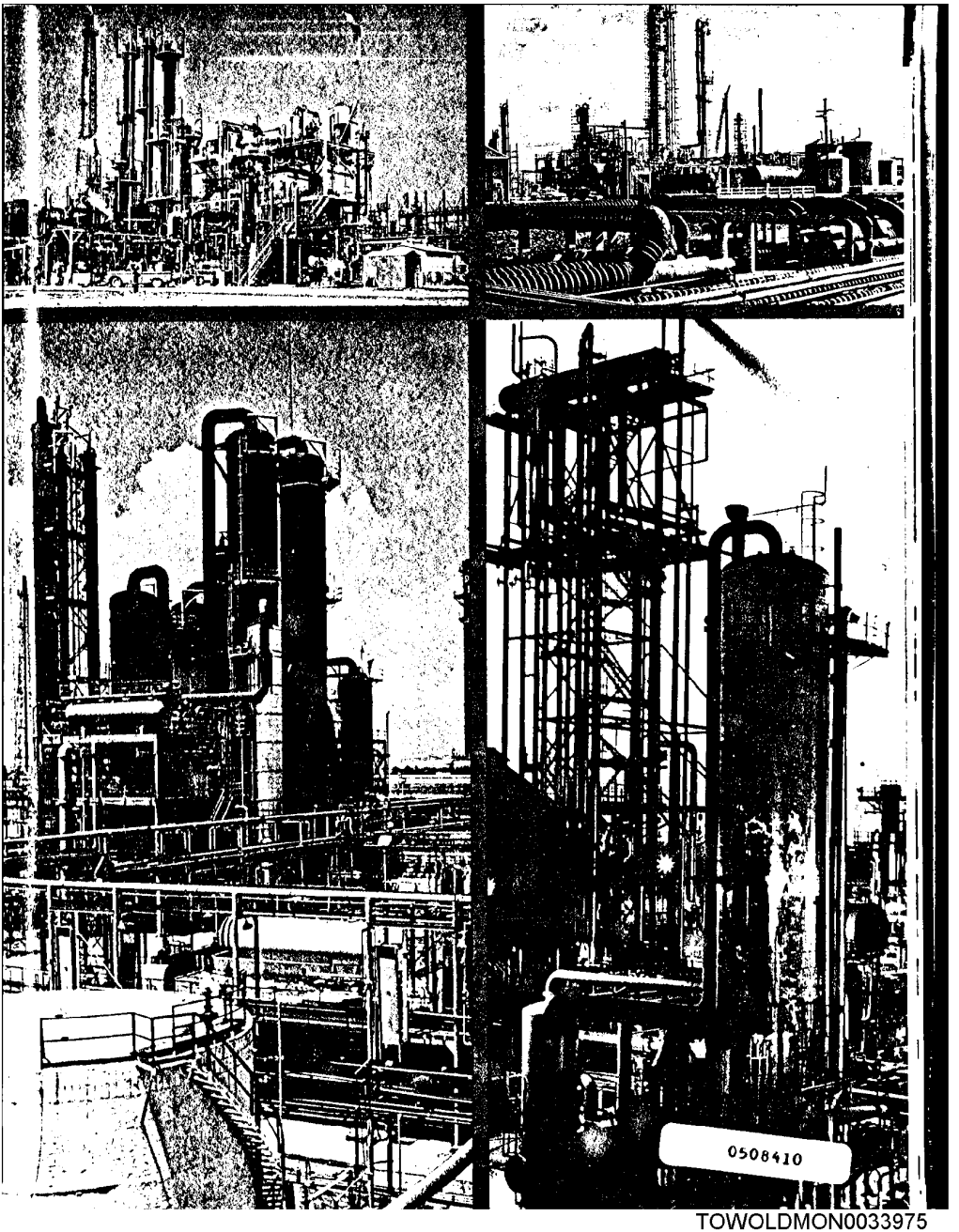
TOWOLDMON0033973
WATER_PCB-00018442

Some of the Monsanto plants that make materials for the surface coating industry



0508409

TOWOLDMON0033974
WATER_PCB-00018443



TOWOLDMON0033975
WATER_PCB-00018444

Alphabetical listing of Monsanto products including an index of their trademarks

PRODUCT and Trademark	Publication Number
Acetate resins, polyvinyl Gelva® emulsion	6103
Acetate resins, polyvinyl Gelva® multipolymer solution	6133
Acetic acid, glacial	6158
Acrylonitrile	MCA SD-31
Adipic acid	RE-6
Alcohol resins, polyvinyl Gelvatol®	6082
Aminoplasts Resimene®	6117B
Aroclor® (polychlorinated polyphenyls)	O/PL 311, O/PL 306
Aryl sulfonamide-formaldehyde resins Santolite® MHP and MS	O/PL 320
Benthal® (benzoic acid)	RE-8
Bisphenol A	RE-1
Bisphenol A, hydrogenated (HBPA*)	RE-16 O/RE-19
Butvar® (polyvinyl butyral resins)	6070
Butvar® dispersion BR (polyvinyl butyral dispersion)	6019A
Dibutyl fumarate	RE-7, RE-17
Dibutyl maleate	RE-7, RE-17
Dicyclohexyl phthalate (DCHP)	PL-312
Dioctyl fumarate (DOF)	RE-17
Dioctyl maleate (DOM)	RE-17
EMA® (ethylene-maleic anhydride resins)	I-261
Ethyl acetate	6085
Ethylbenzene solvent	TX-12
Formaldehyde	1069B, 6178
Formvar® (polyvinyl formal resins)	6070
Fumarate and maleate esters (dibutyl)	RE-17
Fumaric acid	RE-4
Gelva® (polyvinyl acetate resins)	6103
Gelva® powder 700 and 702	6134, 6135
Gelva® multipolymer solutions	6133
Gelvatol® (polyvinyl alcohol resins)	6082

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PRODUCT and Trademark	Publication Number
Glacial acetic acid	6158
Glycollate, methyl phthalyl ethyl Santicizer® M-17	PL-17
HBPA* (hydrogenated bisphenol A)	RE-16, O/RE-19
Lampblack (paint pigment)	I-155
Lytron® (styrene-maleic anhydride copolymer resins)	1023A
Maleate and fumarate esters	RE-17
Maleic anhydride	O/RE-5
Maleic anhydride, molten	RE-12
Melamine and urea resins Resimene®	1094A, 6084B, 6117B
Modaflow® (alkyd modifier)	O/PL-338
Mod-Epox® (epoxy resin modifier)	O/PL-313
Montar® (polychlorinated polyphenol compounds)	O/PL-328
Opalon® vinyl resins for plastisols and organosols	1034, 3110A
Pentachlorophenol (prilled penta)	O/PS-1
Phenolic resins Resinox® P-97	1047
Phos-Chek® P/30 (fire retardant)	I-270
Phosgard® C-22-R (organo-phosphorus compound)	O/PL-22
Phosphate, alkyl aryl Santicizer® 148	O/PL-343D
Phosphate, mixed cresyl phenyl Santicizer® 140	PL-140
Phosphate, octyl diphenyl Santicizer® 141	O/PL-141
Phthalate, alkyl benzyl Santicizer® 261	PL-261
Phthalate, alkyl benzyl Santicizer® 262	PL-262
Phthalate, butyl benzyl Santicizer® 160	O/PL-347
Phthalic anhydride (includes molten)	RE-11
Pigment, lampblack	I-155
Plasticizers See detailed listings under Aroclor® DCHP Santicizer® Santolite®	
Plasticizers guide	Fold-Out
Plasticizers in protective coatings	PL-327
Plasticizers for hard-to-plasticize resins	PL-332
Solid plasticizers for coatings and lacquers	O/PL-345
Polychlorinated polyphenyls Aroclor®	O/PL-311 O/PL-306
Polychlorinated polyphenyl compounds Montar®	O/PL-328
Polyvinyl acetate spray dry emulsions Gelva® powder 700 and 702	6134, 6135
Polyvinyl acetate resins Gelva®	6103
Polyvinyl alcohol resins Gelvatol®	6082
Polyvinyl butyral resins Butvar®	6070
Polyvinyl butyral dispersion Butvar® dispersion BR	6019A

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PRODUCT and Trademark	Publication Number
Polyvinyl chloride resins Opalon®	1034A, 3110
Polyvinyl formal resins Formvar®	6070
Prilled penta (pentachlorophenol)	O/PS-1
Resimene® (melamine and urea resins)	1094A, 6084B, 6117B
Resinox® P-97 (phenolic resin)	1047
RF-6318 (RJ-100® water-soluble vehicle)	6163A
RJ-100® (styrene-allyl alcohol)	5034A, 5035, 5066, 6000
RJ* 101 (styrene-allyl alcohol with higher hydroxyl content than RJ-100®)	6187A
Santicizer® (plasticizers)	
Santicizer® 160 (*butyl benzyl* phthalate)	O/PL-347
Santicizer® 261 (alkyl benzyl phthalate)	PL-261
Santicizer® 262 (alkyl benzyl phthalate)	PL-262
Santicizer® 8 (mixture of N-ethyl-ortho and para-toluene sulfonamides)	O/PL-339
Santicizer® 9 (mixture of ortho and para-toluene sulfonamides)	O/PL-9
Santicizer® I-H (N-cyclohexyl para-toluene sulfonamide)	O/PL I-H
Santicizer® 140 (mixed cresyl phenyl phosphate)	PL-140
Santicizer® 141 (octyl diphenyl phosphate)	O/PL-141
Santicizer® 148 (alkyl aryl phosphate)	O/PL-343D

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PRODUCT and Trademark	Publication Number
Santicizer® M-17 (methyl phthalyl ethyl glycollate)	PL-17
Santobrite® (sodium pentachlorophenate)	O/PS-1, O/PS-6
Santocel® (silica aerogel)	I-263, I-295
Santocel® Z	I-253
Santolite® MHP and MS (aryl sulfonamide-formaldehyde resins)	O/PL-320
Santomask® II (odor masking agent)	PL-325
Scripset® 101, 500, 520	O/PC-2, O/PC-4, O/PC-5
Silica aerogel Santocel®	I-263, I-295
Sodium pentachlorophenate Santobrite®	O/PS-1, O/PS-6
Styrene-allyl alcohol	
RF-6318 derivative	6163A
RJ-100®	5034A, 5035, 5066, 6000
RJ* 101	6187
Styrene-maleic anhydride copolymer resins, Lytron®	1023A
Styrene monomer	Booklet
Tetrathal® (tetrachlorophthalic anhydride)	O/RE-19
Toluenesulfonamides, mixture of N-ethyl ortho and para-Santicizer® 8	O/PL-339
Toluenesulfonamides, mixture of ortho- and para-, Santicizer® 9	O/PL-9
Toluenesulfonamide, N-cyclohexyl para-, Santicizer® I-H	O/PLI-H

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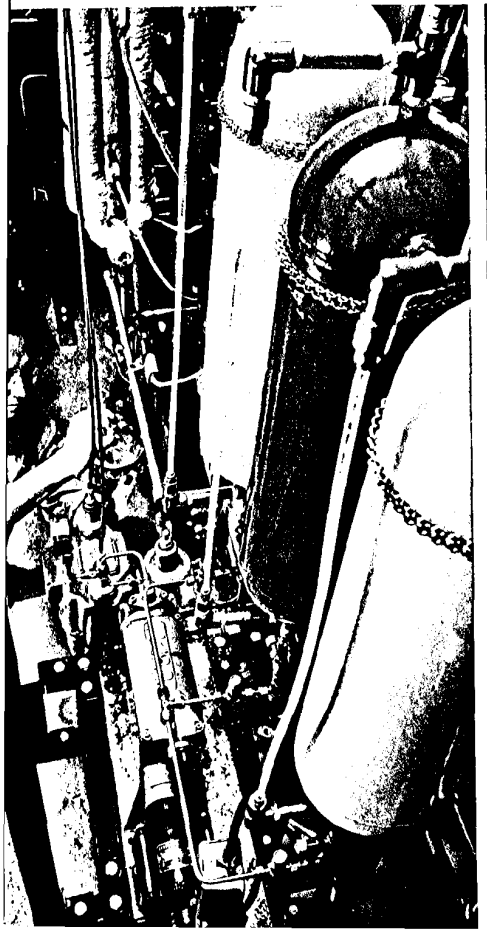
PRODUCT and Trademark	Publication Number
Toluenesulfonic acid	IN-5
Tricresyl phosphate (TCP)	O/PL-305
Triphenyl phosphate	PL-301

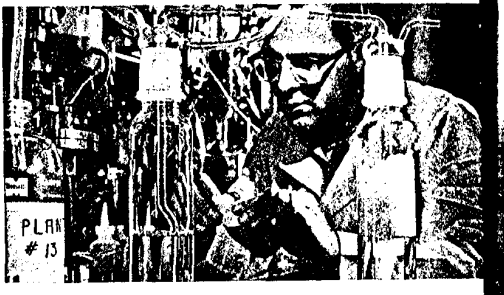
PRODUCT and Trademark	Publication Number
Urea and melamine resins Resimene®	1094A, 6084B, 6117B
Vinyl acetate monomer	MCA SD-75
Vinyl resins for plastisols and organosols, Opalon®	1034, 3110A

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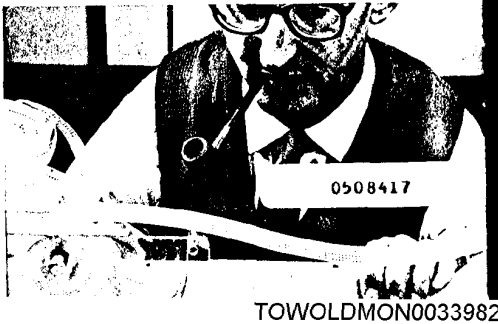
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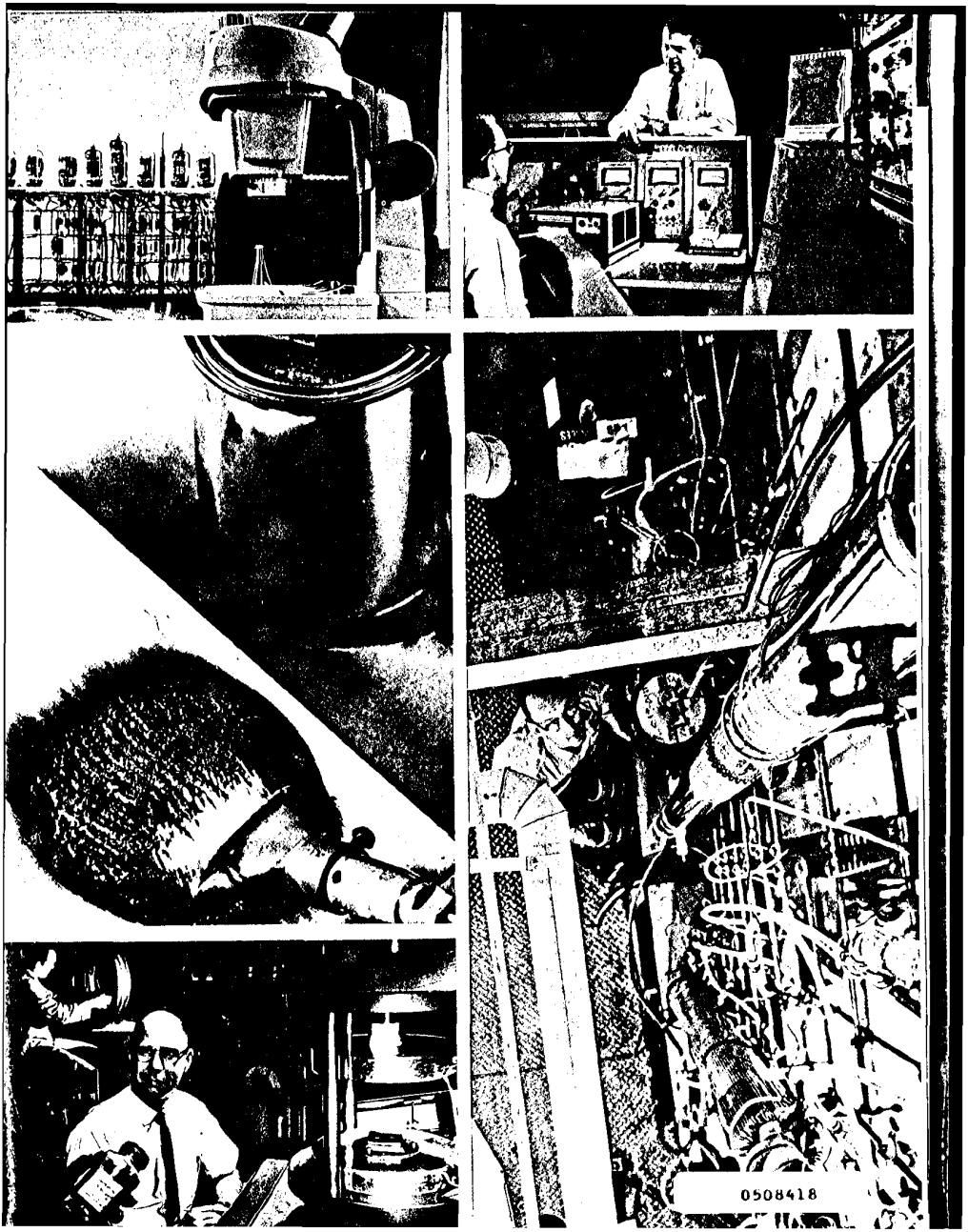








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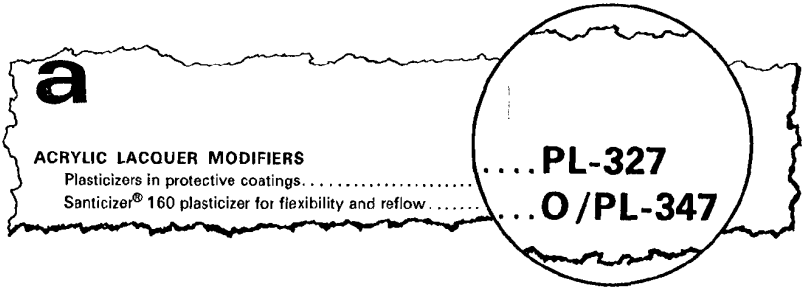
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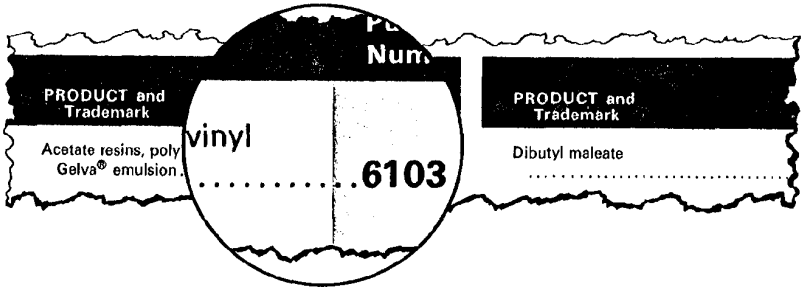
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ON APPLICATIONS pages 7 to 17



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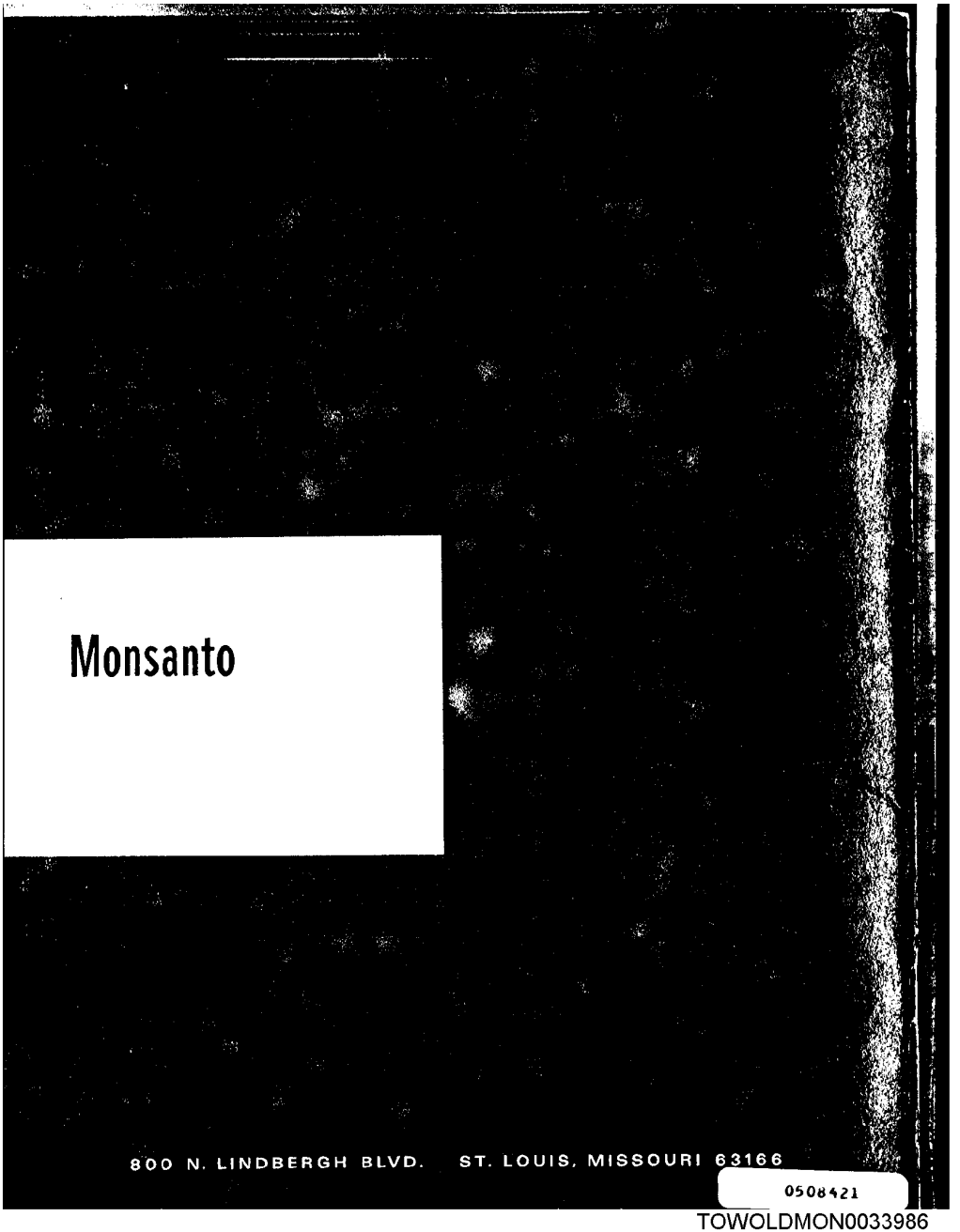
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