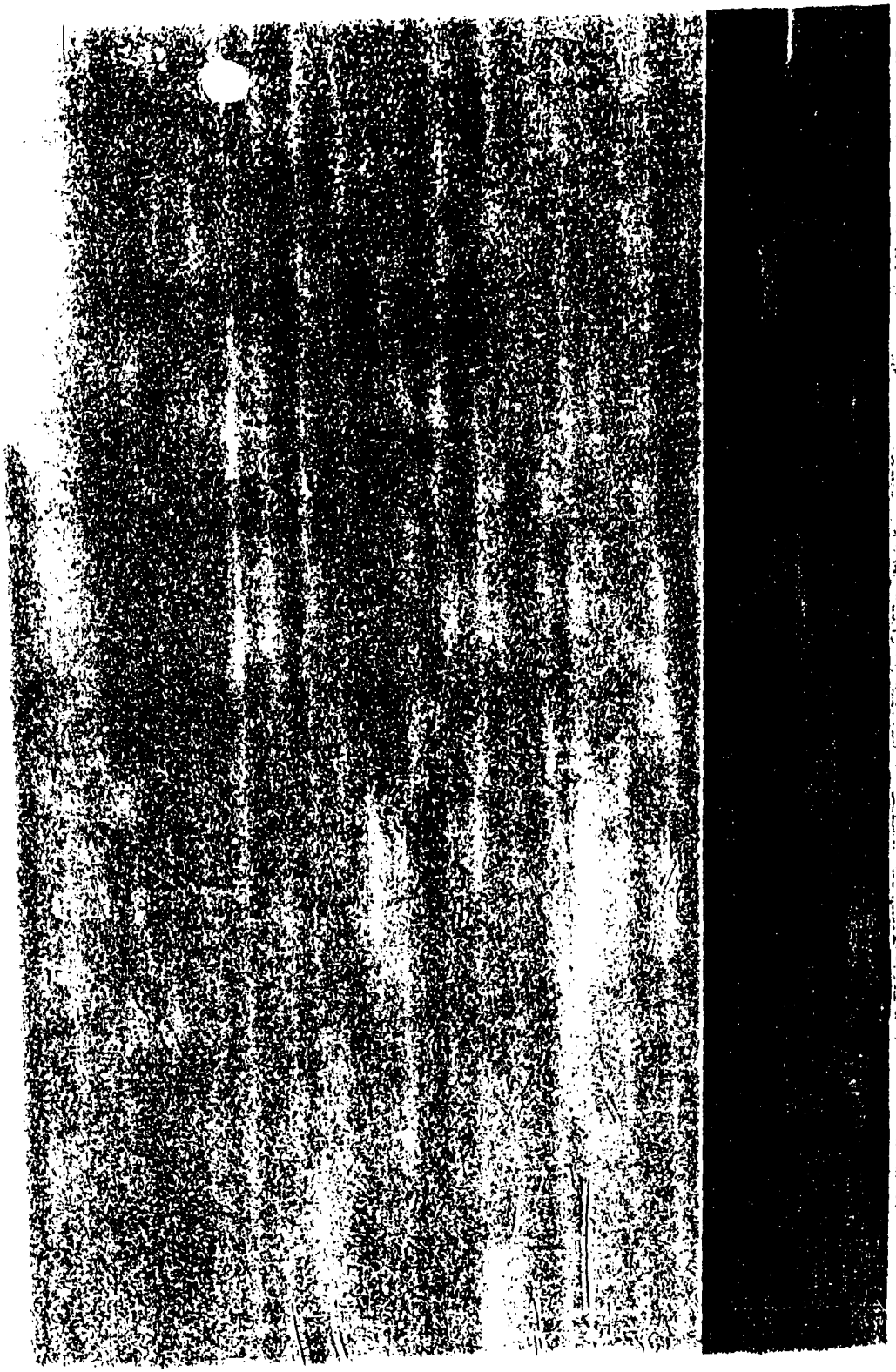

Blank

APR 27 1961

5

TECHNICAL PUBLICATIONS

Subject Index

Supplement to the Fifth Edition

January 1959 to June 1960

IMPERIAL CHEMICAL INDUSTRIES LIMITED

DYESTUFFS DIVISION

1960

8738

PLAINTIFF'S EXHIBIT
CEL-1272

Z7914
.D9I5

INTRODUCTION

This supplement to the 5th edition of *Subject Index to Dyestuffs Division Technical Publications* includes items of technical literature that have been published during the period 1st January 1959 to 30th June 1960.

The general observations made in the "Introduction" to the 5th edition apply equally to this supplement.

ABBREVIATIONS

For the convenience of users of the Index, the full list of the abbreviations used in the 5th Edition and this supplement is given below:

I.C.I. Dyestuffs Division Publications

API	–	Auxiliary Products Index
APL	–	Auxiliary Products Literature
APP	–	Auxiliary Products Pamphlet
B	–	Miscellaneous books, circulars, pamphlets
Cal.	–	Calculator or Slide Guide
DDCP	–	Dyestuffs Division Chemicals Pamphlet
HD	–	Hexagon Digest
IPC	–	Pattern Card
M	–	Manual
MISC	–	Polymer and Chemicals Service Department, Chemicals Group Booklet
PC	–	Pattern Card
PPL	–	Procion Pattern Leaflet
R	–	Reprints of lectures or communications to Scientific Societies
RCB	–	Rubber Chemicals Bulletin Report ("R" or "N" Series)
RCL	–	Rubber Chemicals Literature
RCP	–	Rubber Chemicals Pamphlet
SAA	–	Surface-active Agents Leaflet
SAAP	–	Surface-active Agents Publication
SC	–	S.C. Circular
SCL	–	Surface Coatings Literature
TC	–	Technical Circular
TI(D)	–	Technical Information Note (Dyehouse)
TI(M)	–	Technical Information Note (Miscellaneous Chemicals Service Department)
TI(PC/C)	–	Technical Information Note (P. & C.S.D., Chemicals Group)

1959-1960

TI(PC/R) – Technical Information Note (P. & C. S. D., Rubber Group)
TI(PC/S) – Technical Information Note (P. & C. S. D., Surface Coating Group)
TI(PC/U) – Technical Information Note (P. & C. S. D., Urethane Group)
TI(Re) – Technical Information Note (Resins)
TI(Ru) – Technical Information Note (Rubber)
TM – Technological Monograph
UCL – Urethane Chemicals Literature

Scientific Journals

Journal references relating to the original publication of papers or communications.

B.J.A.P.	British Journal of Applied Physics.
B.P.B.M.A.	Proceedings of the Technical Section of the British Paper and Board Makers Association.
Ind.Eng.Chem.	Industrial and Engineering Chemistry.
I.R.J.	India-rubber Journal (*now* Rubber Journal and International Plastics).
I.R.W.	India-rubber World.
J.C.S.	Journal of the Chemical Society.
J.I.S.L.T.C.	Journal of the International Society of Leather Trades Chemists.
J.O.C.C.A.	Journal of the Oil and Colour Chemists Association.
J.P.S.	Journal of Polymer Science.
J.Sci.Inst.	Journal of Scientific Instruments.
J.S.L.T.C.	Journal of the Society of Leather Trades Chemists.
J.Soc.Dyers.& Col.	Journal of the Society of Dyers and Colourists.
J.Textile Inst.	Journal of the Textile Institute.
Photo.J.	The Photographic Journal.
P.I.R.I.	Proceedings of the Institution of the Rubber Industry.
Proc.R.Soc.	Proceedings of the Royal Society.
R.C.T.	Rubber Chemistry and Technology.
Rev. Gén. Caout.	Revue Générale du Caoutchouc.
Trans.Farad.Soc.	Transactions of the Faraday Society.
T.I.R.I.	Transactions of the Institution of the Rubber Industry.

ACCELERATORS (RUBBER)

General Observations on the Use of Sulphenamide Accelerators, especially in Compounds containing Reinforcing Carbon Blacks	TI (PC/R.60)

ACETATE RAYON (Secondary Acetate Rayon)

Effect of the SI-RO-SET Method of Durable Pleating on Dyes Applied to "Acrilan", Silk, Nylon, "Terylene", Secondary Acetate Rayon and Triacetate Rayon	TI (D 547)
Printing of Secondary Acetate Rayon	TI (D 544)

ACRYLIC (POLYACRYLONITRILE) FIBRES

Effect of the SI-RO-SET Method of Durable Pleating on Dyes Applied to "Acrilan", Silk, Nylon, "Terylene", Secondary Acetate Rayon and Triacetate Rayon	TI (D 547)
Mode shades on "COURTELLE" Acrylic Fibre	Swatch
Printing of "Orlon" (Type 42), "Courtelle", "Acrilan" and "Dralon" Acrylic Fibres	TI (D 506)
Printing of Acrylic/Cellulosic Fibre Unions	TI (D 562)

ALCIAN DYESTUFFS

Alcian Dyestuffs: Dyeing of Wool/Cellulosic Unions	TI (D 511)

ALKYD RESINS

Bedacryl 3X	SCL
Bedacryl 5X	SCL
Bedacryl 7S	SCL
Bedacryl 8W	SCL
Modulac 147W	SCL

ANALYSIS AND TESTING

Detection of Surface-active Agents in Textile Fabrics	TI (D 569)
Pigments: Definition of Degrees of Fastness: Use of International Grey Scales and Standard Depths	TI (D 556)
Wool Dyes: A New Test for Assessing Level-dyeing Properties	TI (D 558)
Wool Dyes: Fastness to the "Immacula" Finish for Durable Pleating	TI (D 531)

ANTIOXIDANTS (RUBBER)

Ageing of Rubber: Effects of Metal Contamination *B. N. Leyland and R. L. Stafford* (*T.I.R.I.*, 1959, XXXV, 25)	R.

ANTIOXIDANTS (RUBBER) (continued)

Ageing of Rubber: Some Effects of Metal Contamination *B. N. Leyland and R. L. Stafford* (*Chemistry in Canada*, Nov. 1959)	R
Antioxidants for Natural Latex Foam	TI (PC/R. 70)
Nonox EX and EXN: Anti-flexcracking Properties	TI (PC/R. 67)
Antioxidants: Staining by Contact or Migration	TI (PC/R. 61)
A Study of the Behaviour of Selected Derivatives of p-phenylene diamine in Rubber Compounds *E. R. Thornley and J. T. Watts* (*Proc. International Rubber Conf.*, Washington D.C., November, 1959)	R
Nonox SP	RCL
Nonox ZA	RCP

AUTOMOBILE FINISHES

Pigments for Automobile Finishes	IPC

AZOIC DYESTUFFS

Application of Vat and Azoic Dyes to Wool/Cellulosic Fibre Blends	TI (D 497)
Azoic Combinations on Viscose Rayon – Substantivity Curves	B
Weathering Fastness: Azoic Dyestuffs	TI (D 496)

BEDACRYL

Bedacryl 3X	SCL
Bedacryl 5X	SCL
Bedacryl 7S	SCL
Bedacryl 8W	SCL

BONDING (RUBBER)

"Terylene"-braided Neoprene Hose: Method of Bonding Cords	TI (PC/R. 68)

BUTTONS, DYEING OF

The Art of Button Dyeing *M. T. Hobbs and E. Simms* (*British Buttons*, 1959, 12)	R

CALAROC

Calaroc EU	APP 109
Wash and Wear Finishes Based on Calaroc EU	TI (D 499)

CALATAC

Calatac ASX: Anti-snag Finishing Agent for Nylon Hose	APL 118
Calatac VB in Nylon Hose Finishing	TI (D 509)

CALEDON DYESTUFFS

FDN Caledon Grains	SC 844
SQ Caledon Grains	SC 832
Abnormal Fading Behaviour of Vat Yellow and Vat Green Mixtures with Special Reference to Caledon Yellow 4GL	TI (D 492)

CALSOLENE OIL HS

Surface-active Agents in the Power Industry	SAAP 29

CARBOLAN DYESTUFFS

Carbolan and Coomassie Dyestuffs: Application to Wool by the Carbolan Salt A Method	TI (D 477)

CARBOLAN SALT A

Carbolan and Coomassie Dyestuffs: Application to Wool by the Carbolan Salt A Method	TI (D 477)

CARPETS

Dyestuffs for Wool/Viscose Rayon Carpet Yarns	PC
Wet Washing of Carpets	TI (D 483)

CELLULOSE TRIACETATE

Effect of the SI-RO-SET Method of Durable Pleating on Dyes Applied to "Acrilan", Silk, Nylon, "Terylene", Secondary Acetate Rayon and Triacetate Rayon	TI (D 547)
Printing of Triacetate Rayon and Triacetate/Viscose Rayon Blends	TI (D 549)

CHROMASTRAL

Chromastral Red RS	SC 841

CIRRASOL

Cirrasol AC	APP 113
Cirrasol AC for the Softening of Paper	TI (D 487)
Cirrasol HA	APL 123
Surface-active Agents in the Power Industry (Cirrasol OD)	SAAP 29

COOMASSIE DYESTUFFS

Carbolan and Coomassie Dyestuffs: Application to Wool by the Carbolan Salt A Method	TI (D 477)
Coomassie Turquoise Blue 3G	SC 839

COPYING

Colour in Writing and Copying — *J. P. Gill* — R
(*J. Soc. Dyers & Col.*, 1958, 739)

DALTOLAC

Polyurethanes for Surface Coatings — SCL
Polyurethane Rigid Foams — *R. Hurd* — R
(*Bulletin of the International Inst. of Refrigeration*, 1957, Annex 1957-1, 195)

DIRECT DYESTUFFS

Direct Dyestuffs for Staple Viscose Rayon — PC
Fixanol PN: Use with Copper Salts for Aftertreating Direct Dyes — TI (D 534)

DISPERSOL SURFACE-ACTIVE AGENTS

Dispersol AFB — APL 121
Surface-active Agents in the Power Industry (Dispersol T) — SAAP 29

"DRALON"

See ACRYLIC (POLYACRYLONITRILE) FIBRES

DURANOL DYESTUFFS

Duranol Direct Black T — SC 830

EMULSIONS AND EMULSIFYING AGENTS

Surface-active Agents in the Power Industry — SAAP 29

EMULSION THICKENINGS

Emulsion Thickenings in Textile Printing: Application of a Wide Range of Dyestuffs, including Procion, Alcian "X", Caledon and Durindone Vat Dyestuffs — TI (D 478)

FASHION SHADES

British Colour Council Accessories: Colour Card for Leather; Spring and Summer 1960 — TI (D 517)

FASTNESS

The Determination of Light Fastness — *K. McLaren* — HD 27
The Determination of Light Fastness — *K. McLaren* — R
(*Canadian Textile Journal*, 17th April, 1959)
Light Fastness of Dyestuffs: I.S.O. and A.A.T.C.C. Ratings — TI (D 533)

FASTNESS (*continued*)

Variations in the Assessment of Light Fastness Exposures — *K. McLaren* — R
(*J. Soc. Dyers & Col.*, 1959, 597)
Fastness to Hypochlorite Bleaching — TI (D 495)
Wool Dyes: Effect of the W.I.R.A. Peracetic acid/Sodium Hypochlorite Shrink-resist Finish on Shade and Wash Fastness — TI (D 536)
Weathering Fastness – Azoic Dyes — TI (D 532)

FDN CALEDON GRAINS BRANDS

See CALEDON DYESTUFFS

FIXANOL

Surface-active Agents in the Power Industry (Fixanol C, Fixanol VR) — SAAP 29
Fixanol PN: Use with Copper Salts for Aftertreating Direct Dyes — TI (D 534)
Surface-active Agents in the Power Industry — SAAP 29

FLOCCULATING AND FILTERING AID

Sedomax F — TI (PC/C. 15)

FLUOLITE

Fluolite MP Liquid: An Agent for Improving the Whiteness of Paper — APL 122
Fluolite RP: An Agent for Improving the Whiteness of Paper — APP 112

FOOD AND CATERING INDUSTRIES

Vantoc DP – A Detergent Sterilizer for Farm Dairy Use — TI (PC/C. 18)
Use of Nylon for Beer Treatment — TI (PC/C. 17)

FOODSTUFFS COLOURING

I.C.I.'s Food Colours Plant at Huddersfield — *Anon.* — R
(*Food Manufacture*, 1st August, 1959)

GARMENT DYEING

Procion Dyes for Garment Dyeing — TI (D 494)

GAS AND POWER INDUSTRIES

Surface-active Agents in the Power Industry — SAAP 29

HIGH-TEMPERATURE DYEING

Dyeing of Wool at High Temperatures — TI (D 484)

High-temperature Beam Dyeing of 100% "Terylene" Polyester Fabrics — TI (D 555)

HOSPITAL BLANKETS

Vantropol BQ in the Sterilization of Hospital Blankets — TI (D 503)

HYDROPHOBIC FIBRES

The Diazo Reaction in the Coloration of Hydrophobic Man-made Fibres — R
H. R. Hadfield and W. F. Liquorice
(*J. Soc. Dyers & Col.*, 1959, 299)

"IMMACULA" FINISH

Wool Dyes: Fastness to the "Immacula" Finish for Durable Pleating — TI (D 531)

INDIGO

Indigo on Cotton (*Quantities in British Units*) — TI (D 522)

Indigo on Cotton (*Quantities in Metric Units*) — TI (D 523)

INFRA-RED REFLECTANCE

Acid and Chrome Dyes: Infra-red Reflectance when Applied to Wool — TI (D 521)

ISOCYANATES

Polyurethanes for Surface Coatings — SCL

Polyurethane Flexible Foams from Daltocel PP1 — UCL

The Safe Handling of Organic Isocyanates — UCL

Daltolac 41 and Suprasec D for Polyurethane Rigid Foams — UCL

Polyurethane Foams from Daltolacs 21 and 22 and Suprasec D — UCL

Polyurethane Rigid Foams from Daltolac 24 and Suprasec D — UCL

Printers' Rollers — R
D. J. Coulter
(*P.I.R.I.*, 1958, **5**, 112)

Toxicity of some Cross-linking Agents — R
A. L. Walpole and M. H. C. Williams
(*J.O.C.C.A.*, 1959, **42**, 694)

Polyurethane Foams: Versatility of Process and Applications — R
J. M. Buist
(*I.R.J.*, 1958, Nov. 22)

The Properties of Polyurethanes and their Applications — R
J. M. Buist and A. Lowe
(*Plastics Institute Trans.*, 1959, **27**, No. 67)

ISOCYANATES

(continued)

Urethane Foams for Insulation — R
J. M. Buist
(*Modern Refrigeration*, 1959, **62**, No. 735)

Polyurethane Foams: Basic Equipment for Producing Flexible and Rigid Foams — R
J. M. Buist
(*Proc. Internatl. Rubber Conf.*, Washington, D.C. Nov. 1959, 9)

Polyurethane Foams: Their Contribution to Heat Insulation — R
J. M. Buist and R. Hurd
(*Proc. Inst. of Refrigeration*, 1959–60, LVI)

Recent Developments in Polyurethanes — R
H. A. Hampton, R. Hurd and H. J. Shearing
(*J.O.C.C.A.*, 1960, **43**, No. 2, 96)

Sound Absorption Properties of Rigid and Flexible Polyurethane Foams — TI (PC/U.1)

Suprasec D/Daltolac 41 Rigid Foam Spraying System: Recommended Safety Precautions — TI (PC/U.2)

Adhesion of Flexible Foam to Itself and Other Materials — TI (PC/U.3)

Polyurethane Flexible Foams of High Modulus — TI (PC/U.4)

Water Absorption and Water Vapour Transmission of Polyurethane Rigid Foams — TI (PC/U.5)

Test for Propagation of Fire by Rigid Polyurethane Foam — TI (PC/U.6)

Effect of Arc Welding Steel Plates Backed by Polyurethane Rigid Foams — TI (PC/U.7)

Resistance of Sprayed Daltolac 41/Suprasec D Polyurethane Rigid Foam to Diesel Oil Penetration — TI (PC/U.9)

Corrosion Protection Afforded by Daltolac 41/Suprasec D-based Sprayed Rigid Foam — TI (PC/U.10)

A Safely Dispensed Isocyanate: Suprasec D for Rigid Foam Manufacture — TI (PC/U.11)

The "On/Off" Mixing Head – A New Development in Dispensing Polyurethane Rigid Foam — TI (PC/U.12)

Pigmentation of Polyurethane Flexible Foam — TI (PC/U.13)

"Drop-mats" of Polyurethane Flexible Foam — TI (PC/U.14)

Thermal Conductivity of Daltolac 41/Suprasec D-based Sprayed Rigid Foam — TI (PC/U.15)

Pipe Insulation by Polyurethane Rigid Foam — TI (PC/U.16)

Flexible Polyurethane Foams for Packaging — TI (PC/U.17)

Coloration of Polyurethane Flexible Foam by Dyeing — TI (PC/U.18)

JUTE

Waxol HE: A Lubricant for Jute Spinning — TI (D 563)

LAUNDERING

Lissapol GLN in the "Poensgen Contra-flow Carousel" Washing Machine — TI (D 504)
Lissapol N in the Laundry — TI (D 530)

LEATHER

Procion Dyestuffs: Application to Gloving Leather and Woolled Sheepskins — TI (D 553)
Procion Dyestuffs on Mordant Chrome Gloving Leather — IPC

LEMON CHROME PIGMENTS

Supra Lemon Chrome 4GS — SC 838

LISSAPOL

Lissapol GLN in the "Poensgen Contra-flow Carousel" Washing Machine — TI (D 504)
Lissapol N in the Laundry — TI (D 530)
Surface-active Agents in the Power Industry (Lissapol N, Lissapol NDB) — SAAP 29

LISSOLAMINE

Lissolamine RC — APL 120

LUBROL

Lubrol TW: Scouring Assistant and Antistatic Agent for use in Worsted System Processing — TI (D 475)

METHIC

Methic Fast Paper Blue 6GS — SC 824

MIGRATION INHIBITOR

Migration Inhibitor V — APL 124

MINING AND MINES

Sedomax F: Flocculating and Filtering Aid — TI (PC/C.15)

MODULAC

Modulac 147W — SCL
Modulacs 135W and 135WO — SCL

MONASTRAL

Monastral Fast Blue LBXS — SC 829
Monastral Fast Blue RFS — SC 837

MONOLITE

Monolite Fast Red LFDS Paste — SC 842
Monolite Fast Yellow FRS — SC 843
Monolite Maroon GS — SC 840
Monolite Yellow GLS — SC 808

NAPHTHALENE LEATHER DYESTUFFS

Naphthalene Leather Grey NS — SC 825

NYLOMINE DYESTUFFS

See PATTERN CARD (PC) — PC (Insert)
Dyestuffs for Nylon Textiles – Acid and Direct Dyes, Vol. 3

NYLON

Reactive Dyes for Nylon — *D. F. Scott and T. Vickerstaff* (*J. Soc. Dyers & Col.*, 1960, 104) — R
Procinyl Dyes for the Dyeing of Synthetic Fibres — PC
Procinyl Dyes for the Printing of Nylon and other Synthetic Fibres — TI (D 508)
Effect of the SI-RO-SET Method of Durable Pleating on Dyes Applied to "Acrilan", Silk, Nylon, "Terylene", Secondary Acetate Rayon and Triacetate Rayon — TI (D 547)
Printing of Nylon — TI (D 548)
Use of Nylon for Beer Treatment — TI (PC/C.17)

NYLON HOSIERY

Calatac VB in Nylon Hose Finishing — TI (D 509)

PAD–ROLL

Procion Brilliant Blue H7G: Dyeing of Cellulosic Fibres by Batchwise and Pad–Roll Procedures — TI (D 540)

PAPER

Bleachability of Dyed Paper "Broke" — TI (D 537)
Cirrasol AC for the Softening of Paper — TI (D 487)
Fluolite RP: An Agent for Improving the Whiteness of Paper — APP 112
Dyestuffs and Pigments for Paper — PC

PIGMENTS

A Flow Equation for Pigment–Oil Suspensions of the Printing Ink Type (Reprinted from *Rheology of Disperse Systems*, Pergamon Press, 1959) — R

PIGMENTS
(continued)

Dyestuffs and Pigments for Paper	PC
Pigments for Automobile Finishes	IPC
Exposure Studies of Organic Pigments in Paint Systems (*Official Digest*, 1959 (Part 2) 55–133)	TI (D 554)
Pigments: Definition of Degrees of Fastness: Use of International Grey Scales and Standard Depths	TI (D 556)
Use of Organic Pigments in Formulating Lead-free Green Paints of Improved Durability	TI (D 567)
Monastral Fast Blues BXS and GS in Paints, Lacquers and Printing Inks	TI (D 480)
Optical Properties of Pigments in the Near Infra-red (700–900 mμ)	TI (D 485)
Pigments for Epoxy Resin/Urea-Formaldehyde Stoving Finishes	TI (D 469)
Pigments for Amine-cured Epoxy Resin Finishes	TI (D 470)

PIGMENT PADDING

Migration Inhibitor V	APL 124

PLEATING

Wool Dyes: Fastness to the "Immacula" Finish for Durable Pleating	TI (D 531)

POLYURETHANE

Polyurethanes for Surface Coating	SCL

See also ISOCYANATES

PROCINYL DYESTUFFS

Reactive Dyes for Nylon *D. F. Scott and T. Vickerstaff* (*J. Soc. Dyers & Col.*, 1960, 104)	R
Procinyl Dyes for the Dyeing of Synthetic Fibres	PC
Procinyl Dyes for the Printing of Nylon and Other Synthetic Fibres	TI (D 508)
Procinyl Orange GS	TI (D 519)

PROCION DYESTUFFS

Reactive Dyestuffs – A New Method of Approach to Dyeing *I. D. Rattee* (*Research*, 1959, 15)	R
Fast Dyeings on Wool–Cellulosic Unions *D. R. Lemin and J. K. Collins* (*J. Soc. Dyers & Col.*, 1959, 421)	R

PROCION DYESTUFFS
(continued)

Dyeing Cellulosic Staple Continuously with Procion Dyestuffs *J. A. Fowler* (*Skinner's Silk and Rayon Record*, March, 1959)	R
The Principles of Dyeing with Reactive Dyes *T. Vickerstaff*	HD 27
Laboratory Methods for Procion Batchwise Dyeing Recipes *I. Seltzer and C. D. Weston*	HD 27
Procion Dyestuffs for Spun Viscose Rayon Shirtings	PPL 16
Procion Dyestuffs for Loose Wool, Slubbing and Yarn	PPL 17
Procion Dyestuffs: Shades on Viscose Rayon Sailcloth	PPL 18
Procion Dyestuffs for "Azoic-type" shades on Spun Viscose Rayon Piece Goods	PPL 19
Procion Dyestuffs for Wool/Cellulosic Union Blankets	PPL 20
Procion Dyestuffs – Mode shades on Mercerized Cavalry Twill	Swatch
Procion Dyestuffs on Mordant Chrome Gloving Leather	IPC
Alkali Calculator for use with Procion Dyestuffs in the Batchwise Dyeing of Cotton and Viscose Rayon (at 30°C)	Cal.
Emulsion Thickenings in Textile Printing: The Application of a Wide Range of Dyestuffs, including Procion, Alcian "X", Caledon and Durindone Vat Dyestuffs	TI (D 478)
Fastness to the SI-RO-SET Method of Durable Pleating: Azoic, Direct, Procion, Sulphur and Vat Dyes	TI (D 528)
Procion Dyestuffs on Cotton: Effect of Various Resin Treatments	TI (D 510)
Procion Dyestuffs: A Method for Reducing the Tendency of Dyed Materials to "Bleed" on Storage	TI (D 529)
Procion/Soledon Combinations in Dyeing: Production of Yellow-green Shades on Cotton and Viscose Rayon	TI (D 561)
Procion Brilliant Blue H7GS: Application to Cotton in Jig or Package Dyeing Machines	TI (D 527)
Procion Brilliant Blue H7GS: Dyeing of Cellulosic Fibres by Batchwise and Pad-Roll Procedures	TI (D 540)
Procion Dyes – Dyeing of Ribbons, Tapes and Narrow Fabrics by the Pad (alkali)–Batch (cold) Process	TI (D 543)
Procion Dyestuffs: Continuous Dyeing of Cellulosic Loose Fibre and Yarns: Supplement No. 2	TI (D 552)
Procion Dyes on Spun Viscose Rayon: Winch Dyeing	TI (D 559)
Use of Procion Dyes for Dyeing Wool/Cellulosic Fibre Blends	TI (D 491)
Procion Dyes: Application to Chlorinated Wool/Cellulosic Fibre Blends	TI (D 541)

PROCION DYESTUFFS
(continued)

Wool/Natural Silk Blends: Dyeing of Blended Piece Goods — TI (D 505)
Dyeing of "Terylene"/Cellulosic Fibre Unions: Continuous Dyeing using either Cold-dyeing Procion or Procion "H" Dyestuffs — TI (D 472)
Procion Dyes for Garment Dyeing — TI (D 494)
Procion Dyestuffs: Application to Gloving Leather and Woolled Sheepskins — TI (D 553)

PROCION–RESIN PROCESS

Combined Dyeing and Finishing of Cotton Piece Goods by the Procion–Resin Process — TI (D 546)

PURE CHROME

Pure Scarlet Chrome FMS — SC 827
Pure Scarlet Chrome LMS — SC 835

RAINCOATS

Cleaning, Reproofing and Stiffening of Raincoats — TI (D 465)

REACTIVE DYESTUFFS

See PROCINYL DYESTUFFS
See PROCION DYESTUFFS

RUBBER TECHNOLOGY

Antistatic Agent
Plasticizing Action of Negomel AL 5 in PVC — TI (PC/R.64)
Plasticizing
Hexaplas Plasticizers: Viscosity Changes with Temperature — TI (PC/R.63)
Migration of Plasticizers from PVC to Unvulcanized Rubbers — TI (PC/R.62)
Peptizing
Vulcamel TBN in Styrene/Butadiene Rubbers — TI (PC/R.66)
Blowing
Storage and Handling of Vulcacel BN — TI (PC/R.69)

SEDOMAX

Sedomax F: Flocculating and Filtering Aid — TI (PC/C.15)

SHIRLAN

Hazards Associated with the Application of Shirlan to Textiles:
(a) Discoloration of Textiles by Shirlan
(b) Loss of Effect on Sulphur Black-dyed Textiles — TI (D 526)

SILK

Effect of the SI-RO-SET Method of Durable Pleating on Dyes Applied to "Acrilan", Silk, Nylon, "Terylene", Secondary Acetate Rayon and Triacetate Rayon — TI (D 547)

"SI-RO-SET"

Fastness to the SI-RO-SET Method of Durable Pleating: Azoic, Direct, Procion, Sulphur and Vat Dyes — TI (D 528)
Effect of the SI-RO-SET Method of Durable Pleating on Dyes Applied to "Acrilan", Silk, Nylon, "Terylene", Secondary Acetate Rayon and Triacetate Rayon — TI (D 547)

SOLEDON DYESTUFFS

Soledon Dyes: Application to Wool — TI (D 507)
Procion/Soledon Combinations in Dyeing: Production of Yellow-green Shades on Cotton and Viscose Rayon — TI (D 561)

SQ CALEDON BRANDS

See CALEDON DYESTUFFS

SUPRA

Supra Middle Chrome GS — SC 826

SURFACE-ACTIVE AGENTS

Detection of Surface-active Agents in Textile Fabrics — TI (D 569)

SYNTHETIC FIBRES

Dyeing of Synthetic Fibres — *D. A. Garrett* (*Research*, 1959, 179) — R
Selection of Dispersol, Duranol and Multamine Dyestuffs for Synthetic Fibres — Cal.

SYNTHETIC RESINS FOR SURFACE COATINGS

No. 8 Polyurethanes for Surface Coatings — SCL

"TERYLENE" POLYESTER FIBRE

High-temperature Beam Dyeing of 100% "Terylene" Polyester Fibre — TI (D 555)

"TERYLENE" POLYESTER FIBRE

(continued)

Dyeing of "Terylene" Polyester Fibre – Supplement No. 5 – Azoic Process for Navy Blue Shades on Loose Staple, Slubbing and Yarn — TI (D 468)

Effect of the SI-RO-SET Method of Durable Pleating on Dyes Applied to "Acrilan", Silk, Nylon, "Terylene", Secondary Acetate Rayon and Triacetate Rayon — TI (D 547)

Lissolamine RC — APL 120

Printing of "Terylene" Polyester Fibre — TI (D 551)

Printing of "Terylene"/Cellulosic Fibre Unions — TI (D 515)

Printing of "Terylene"/Wool Fibre Unions — TI (D 568)

TEXTILE PRINTING

Some Chemical Foundations of Fast Colour Printing — R
F. R. Alsberg, W. Clarke and A. S. Fern
(*J. Soc. Dyers & Col.*, 1959, 89)

Emulsion Thickenings – Possibilities in Textile Printing — R
T. L. Dawson
(*J. Soc. Dyers & Col.*, 1959, 413)

Procinyl Dyes for the Printing of Nylon and Other Synthetic Fibres — TI (D 508)

Emulsion Thickenings in Textile Printing: The Application of a Wide Range of Dyestuffs, including Procion, Alcian "X", Caledon and Durindone Vat Dyestuffs — TI (D 478)

Printing of "Orlon" (Type 42), "Courtelle", "Acrilan" and "Dralon" Acrylic Fibres — TI (D 506)

Printing of Acrylic/Cellulosic Fibre Unions — TI (D 562)

Printing of Secondary Acetate Rayon — TI (D 544)

Printing of Triacetate Rayon and Triacetate/Viscose Rayon Blends — TI (D 549)

Printing of Nylon — TI (D 548)

Printing of "Terylene" Polyester Fibre — TI (D 551)

Printing of "Terylene"/Cellulosic Fibre Unions — TI (D 515)

Printing of "Terylene"/Wool Fibre Unions — TI (D 568)

ULTRA-VIOLET

Ultra-Violet Absorbing Agent G 1333 — TI (D 539)

UNIONS

Dyeing of Wool/Nylon Blended Materials — TI (D 525)

UNIONS

(continued)

Dyeing of "Terylene"/Cellulosic Fibre Unions: Continuous Dyeing using either Cold-dyeing Procion or Procion "H" Dyestuffs — TI (D 472)

Printing of "Terylene"/Cellulosic Fibre Unions — TI (D 515)

Printing of "Terylene"/Wool Fibre Unions — TI (D 568)

Fast Dyeings on Wool-Cellulosic Unions — R
D. R. Lemin and J. K. Collins
(*J. Soc. Dyers & Col.*, 1959, 421)

Dyestuffs for Wool/Viscose Rayon Carpet Yarns — PC

Procion Dyestuffs for Wool/Cellulosic Union Blankets — PPL 20

Use of Procion Dyes for Dyeing Wool/Cellulosic Fibre Blends — TI (D 491)

Procion Dyes: Application to Chlorinated Wool/Cellulosic Fibre Blends — TI (D 541)

Alcian Dyestuffs: Dyeing of Wool/Cellulosic Unions — TI (D 511)

Application of Vat and Azoic Dyes to Wool/Cellulosic Fibre Blends — TI (D 497)

Dyeing of Wool/Cellulosic Fibre Unions under Acid Dyebath Conditions — TI (D 502)

Wool/Natural Silk Blends: Dyeing of Blended Piece Goods — TI (D 505)

VANTOC

Vantoc DP: A Detergent Sterilizer for Farm Dairy Use — TI (PC/C.18)

VANTROPOL

Vantropol BQ in the Sterilization of Hospital Blankets — TI (D 503)

Vantropol BQ: A Bactericidal Detergent for use in Hospitals — TI (PC/C.19)

VAT DYESTUFFS

Vat Dyeing of Cotton Fabric by Pigmentation Methods — R
M. R. Fox and J. F. Mawson
(*J. Soc. Dyers & Col.*, 1960, 73)

Abnormal Fading Behaviour of Vat Yellow and Vat Green Mixtures, with Special Reference to Caledon Yellow 4GL — TI (D 492)

Effect of Crease-resist Resins on Vat Dyes Applied to Cotton — TI (D 489)

Application of Vat and Azoic Dyes to Wool/Cellulosic Fibre Blends — TI (D 497)

VELAN

Velan NW	APL 116
Velan NW: Use as a Softener and Water Repellent in the Resin Finishing of Cotton and Viscose Rayon Fabrics	TI (D 474)
Velan PF and Velan NW in the Production of Durable Oil- and Water-repellent Finishes on Textiles	TI (D 571)

VISCOSE RAYON

Dyeing Cellulosic Staple Continuously with Procion Dyes *J. A. Fowler* (*Skinner's Silk and Rayon Record*, March 1959)	R
Direct Dyestuffs for Staple Viscose Rayon	PC
Procion Dyestuffs for Spun Viscose Rayon Shirtings	PPL 16
Procion Dyestuffs: Shades on Viscose Rayon Sail Cloth	PPL 18
Procion Dyestuffs for "Azoic-type" Shades on Spun Viscose Rayon Piece Goods	PPL 19
Azoic Combinations on Viscose Rayon – Substantivity Curves	B
Procion Dyes on Spun Viscose Rayon: Winch Dyeing	TI (D 559)
Procion/Soledon Combinations in Dyeing: Production of Yellow-green Shades on Cotton and Viscose Rayon	TI (D 561)

VULCAPRENE

Vulcaprene Synthetic Polymer	TI (PC/R.65)

VULCASTAB

Use of Vulcastab T in Emulsion Paints	TI (PC/S.21)

WATER PAINTS

Use of Vulcastab T in Emulsion Paints	TI (PC/S.21)

WATER-REPELLENT FINISHES

See VELAN

WAXOL

Waxol HE	APL 126
Waxol HE: A Lubricant for Jute Spinning	TI (D 563)

WEATHERING, FASTNESS TO

Assessment of Weathering Fastness: A Review of the Present Position *K. McLaren* (*J. Soc. Dyers & Col.*, 1958, 759)	R

WOOL

The Continuous Dyeing of Wool with Milling Acid Dyes *D. R. Lemin* (*J. Soc. Dyers & Col.*, 1958, 746)	R
Procion Dyestuffs for Loose Wool, Slubbing and Yarn	PPL 17
Dyeing of Wool at High Temperatures	TI (D 484)
Wool Dyes – A New Test for Assessing Level-dyeing Properties	TI (D 558)
Wool Dyes: Fastness to the "Immacula" Finish for Durable Pleating	TI (D 531)
Wool Dyes: Effect of the W.I.R.A. Peracetic Acid/Sodium Hypochlorite Shrink-resist Finish on Shade and Wash Fastness	TI (D 536)
Carbolan and Coomassie Dyestuffs: Application to Wool by the Carbolan Salt A Method	TI (D 477)
Chrome Dyes: Application to Wool Piece Goods by the Afterchrome Process	TI (D 516)
Chrome Dyes: Application to Wool Yarn by the Afterchrome Process	TI (D 512)
Wool Dyes: An Improved Method of Applying Solochromate Dyes	TI (D 545)
Soledon Dyes: Application to Wool	TI (D 507)

WRITING AND COPYING

See COPYING