

Bleaching <i>Silicate-Free Bleaching Update</i> (A. DeMaria)	Jul./46
Buyers' Guide <i>Flame Retardant Buyers' Guide Listing</i> (ADR Staff)	Jan./13
<i>Process Controls Buyers' Guide Listing</i> (ADR Staff)	Nov./17
<i>New Products Published In 1985 - Dyestuffs, Chemicals, Machinery/Equipment, Publications</i> (ADR Staff)	Dec./13

Carpets <i>Trends In The Manufacture Of Carpets And Rugs</i> (ADR Staff)	Jun./15
<i>Recent Advances In Foam Printing Of Carpet Tiles</i> (ADR Staff)	Jun./16
<i>Dyeing Wood Carpets And Blends</i> (K. Zesiger)	Jun./24

Color <i>Color In Clothing—Past And Present</i> (B. Kramrisch)	Mar./15
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Dyeing <i>New Reactive Dyes Fixable At Neutral pH</i> (N. Morimura, M. Ojima)	Feb./28
<i>Effect Of Substituents On Photofading Of Amino-Azo Disperse Dyes</i> (G. Seu)	Mar./29
<i>Effect Of Salts On Dyeing Behavior Of Direct Dyes</i> (R. DeGiorgi, G. Albert, A. Cerniani)	Mar./33
<i>Polyester Dyeing Improved By Vinyl Grafts</i> (A. Bayazeed, E. ElAlfy, A. Hebeish)	Mar./38
<i>One-Bath, Two-Stage Dyeing Of Polyester/Cellulosic Blends</i> (S. Aheta, K. Imada)	May/25
<i>Dyeing And Hydrophilicity Of Nylon 6/Polyacrylic Acid Grafted Copolymers</i> (A. Zahran, M. El-Hasaby,	

ADR EDITORIAL INDEX Volume 74 (1985)

Entries to the right of title indicate month of issue and page number where story begins.

<i>E. ElGendy</i>	May/34
<i>Dyeing Wool Carpets And Blends</i> (K. Zesiger)	Jun./24
<i>Low Temperature Dyeing Of Wool By Amine Or Ammonia Pretreatments</i> (H. Hanna, L. Abdou, E. El-Khatib, S. Abdel-Fattah)	Jul./42
<i>Exhaust Application Of Fiber Reactive Dyes To Cotton And Polyester/Cotton Blends</i> (W. Dausch)	Sept./22
<i>Dyeing Copolymer Polyester/Cotton Knits—Part I</i> (M. Herlant)	Sept./55
<i>Determining Indigo And Sulfur Dye Contributions To Denim Shade Depths</i> (J. Eppers, M. Hurwitz)	Oct./20
<i>Improving Applications Of Fiber Reactive Dyes In Exhaust Dyeing</i> (A. DeMaria)	Oct./22
<i>Dyeing Copolymer Polyester/Cotton Knits—Part II</i> (M. Herlant)	Oct./37
<i>Reactive Dye - Acrylic Thickener Interactions</i> (P. Bajaj, R. Chavan, M. Manjeet)	Nov./37
<i>Dyeing Properties Of Polyacrylonitrile Polycaprolactam Graft Polymers: Part II—Heat Transfer Printing</i> (M. El-Shahed, S. Shalaby, M. El-Kashouti)	Dec./40

<i>Influence Of Dyeing Techniques On The Performance Of Reactive Dyed Cotton Fabrics</i> (J. Varghese, S. Patel)	Dec./43
---	---------

Energy Conservation <i>Converting To Closed Steam Heating Systems</i> (S. McDonald)	Jan./29
<i>Energy Consumption Patterns In The Textile Industry: Part II—Wet Processing Energy Usage</i> (D. Balmforth)	Aug./13
<i>Using Differential Pressure Controller For Energy Savings And Speed Increases In Ovens And Dryers</i> (Rosner Asso.)	Sept./17

Equipment <i>Using Differential Pressure Controller For Energy Savings And Speed Increased In Ovens And Dryers</i> (Rosner Asso.)	Sept./17
<i>How Pump Assembly Improves Dyeing</i> (K. Ballard, R. Craig)	Sept./26
<i>Improving Foam Application Techniques Using Variopress And Magnojet Systems</i> (R. Zimmer)	Sept./40

Exhibitions <i>ATME-I-85 Textile Machinery Show</i> (ADR Staff)	Apr./17
<i>ATME-I-85 Spring-Review of Exhibitors Offerings—Part I</i> (ADR Staff)	Jul./15
<i>ATME-I-Spring-Review Of Exhibitors Offerings—Part II</i> (ADR Staff)	Aug./27

Fiber Technology <i>Synthetic Fibers—An Uncertain Future?</i> (C. Caldo)	Mar./16
<i>Process For Improving Comfort And Aesthetic Properties Of Polyester</i> (R.M. Mittal, V.R. Bhatt)	Jun./26

Finishing <i>Foam For Fabric Preparation:</i>	
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Tabulated information on various Rhoplex® acrylic emulsions is grouped according to curing and cross-linking properties. Typical film properties associated with these emulsions include their excellent adhesion to many substrates; resistance to discoloration by heat or light; ease of handling, and ease of formulating and cleanup. Data also includes: percent solids, density, pH, stiffness, hand, cleanability and typical applications.

Circle 60 on Reader Service Card

Softeners Bulletin

An eight-page product information bulletin on Ucarsil MagnaSoft textile softeners has been issued by the Specialty Chemicals

Division of Union Carbide Corporation. The new textile softeners are described by the bulletin as low viscosity aminofunctional silicones optimized to impart exceptional softness while minimizing fabric yellowing. Available as a 100% actives fluid or as a 40 percent nonionic emulsion, these textile softeners reportedly have been found to be remarkably effective for 100 percent cotton, polyester/cotton blends and 100 percent synthetics made by either the ring-spun process or the open-end method.

The bulletin discusses features and benefits of Ucarsil MagnaSoft textile softeners and lists typical properties. Comparisons of performance are shown for the new textile softeners versus competitive products on 65/35 polyester/cotton

broadcloth, 100 percent cotton printcloth, 83/17 cotton/polyester corduroy, 50/50 polyester/cotton single tubular knit and 100 percent heat set polyester.

Storage and handling information and shipping data are also given. In addition, model formulations and techniques for emulsifications are presented in a two-page addendum.

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FR Brochure

White Chemical Corporation has announced the availability of a new brochure that describes the flame retardant compounds, the company offers, including the Caliban® Flame Retardant System.

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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101 Bleaching
 102 Dyeing
 103 Finishing
 104 Add-On
 105 Use F
 106
 107
 108
 109
 110
 111
 112
 113
 114
 115
 116
 117
 118
 119
 120
 121
 122
 123
 124
 125
 126
 127
 128
 129
 130
 131
 132
 133
 134
 135
 136
 137
 138
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 140
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 182
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 188
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 192
 193
 194
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 196
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 198
 199
 200

Retardants
 Ammonia
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Technology
 Silicone
 Technol
 Advances
 Tiles
 Foam A
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 Systems
 And Foam C
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 CATIONIC

Desizing, Bleaching, Scouring, Mercerizing Of Cottons And Blends (C.G. Namboodri) Apr./52
Determining Optimum Wet Pickup In Low Add-On Finishing (B. Smith) May/13
How To Use Formaldehyde In DP Finishing (J. Turner) May/30
Magnesium Nitrate A Mild Cure Catalyst For DP Fabrics (W.Reeves, A. Cory, K. Phillips) Jun./37
Phosphates In Textile Processing (C. Sikorski, F. Dominiani) Aug./33
Advantages Of Partially Hydrolyzed PVA For Sizing And Desizing (M. Geary) Sept./28
Novel Method For Desizing, Scouring And Bleaching Polyester/Cotton Blends (S. Gawish, M. Bourgeois, G. Ambroise) Nov./35

Flame Retardants

THPS - Ammonia Precondensate FR For Poly/Cot Blends (R.B. LeBlanc, D.A. LeBlanc) Jan./36

Foam Technology

Applying Silicones By Foam Finishing Technology (A. Sabia) May/18
Recent Advances In Foam Printing Of Carpet Tiles (ADR Staff) Jun./16

Improving Foam Application Techniques Using Variopress And Magnojet Systems (R. Zimmer) Sept./40

Froth And Foam Coating For Woven And Nonwoven Fabrics (G. Kantner) Oct./26

Foam Printing—A Commercial Reality? (J. Lynn) Dec./33

Nonwovens

Froth And Foam Coatings For Woven And Nonwoven Fabrics (G. Kantner) Oct./26

Plant Profiles

Globe Dye Works: 120 Years As A Commission Dyer (ADR Staff) Sept./36

Printing

New Developments In Synthetic Thickeners For Printing (A. Seddon) Feb./13

Transfer Printing Of Acetylated Viscose And Polyester/Viscose (S. Shakra, M.A. El Kashouti, S. Aggour, A. El Halwagi) Feb./22

Transfer Printing Of Acetylated Viscose And Polyester/Viscose (S. Shakra, M. El Kashouti, S. Aggour) Mar./49

Foam Printing—A Commercial Reality? (J. Lynn) Dec./33

Dyeing Properties of Poly Acrylonitrile Polycaprolactam Graft Polymers: Part II—Heat Transfer Printing (M. El-Shahed, S. Shalaby, M. El-Kashouti) Dec./40

Quality Controls

The Case For Quality Control (ADR Staff) Oct./14

Soil Removal

Chemical Factors Affecting Soiling and Soil Release From Cotton-Containing DP Fabrics—Part XXIV: Copolymerization Of PET/Cot Blend With Vinyl Monomer Mixture (A. Hebeish, N. Abou-Zeid, A. Waly, E. ElAlfy, M. Abou-Shousha) Apr./58

Vacuum Technology

Effective Lint Removal With Vacuum (R. Brissie) Mar./41

Wastewater Treatment

Using Ozone To Decolorize Dyeing Plant Wastewater (J. Green, S. Sokol) Apr./50
How To Prepare To Remove Waste-Water Color (J. Green) Sept./24

Flame Retardant Finish . . .

[Continued from page 32]

Conclusion

A stable, water-soluble liquid condensation product of methylol dicyandiamide and phosphoric acid can be used as durable flame retardant treatment for fabrics for tents and tarpaulins. To prevent the product from forming a white, gummy precipitate (hydrophobing) when dilution is made for pad baths, a small quantity of phosphoric acid must initially be mixed with the product. Since very little heat is produced during this operation, there is no need to use ice to cool the bath. Fabrics can be treated from a single bath by a conventional pad-dry-cure procedure to attain flame resistance, water repellency, and rot-resistance. Strength retention of treated fabrics is in excess of 75%. □ □ □

References

- (1) Pyroset® DO Fire Retardant, Textile Finishing Bulletin No. 130, American Cyanamid Co.
- (2) Bunnell, M.R. and Lynn, J.E., U.S. 2,582,961, assigned to American Cyanamid Co.
- (3) LeBlanc, R.B. and LeBlanc, D.A., U.S. 4,073,617.
- (4) Federal Test Method Standard No. 191.



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 EVERCION RED H-E3B (C.I. REACTIVE RED 120)
 EVERCION RED H-E7B (C.I. REACTIVE RED 141)
 EVERCION BLUE H-ERD (C.I. REACTIVE BLUE 160)
 EVERCION NAVY BLUE H-ER (C.I. REACTIVE BLUE 171)

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