

Contents and Subject Index

SECTION I: PRINTING INKS	1
Adhesion Promoters	2
Black Ink	3
Red Ink	3
Black Ink for Paper Board	4
Overprint Varnish	4
Blue Ink	5
High Solids Resin Cut	5
Blue Ink for Paper and Paper Board	6
Blue Corrugated Ink	6
Bronze Gold Ink	7
CAP/Acrylic Ink with Amino Silane Adhesion Promoter	8
CAP/Acrylic Ink for PVDC-Coated Films	9
Top Ink	9
CAP/Acrylic Ink with Zirconium Propionate	10
Coalesced Joncryl 537	11
Alkali Resistant Ink-Blue	11
Alkali Resistant Ink-Red	11
Alkali Resistant Ink-Yellow	11
Dialrylide Yellow Ink for Polyethylene/Board	12
Oil Resistant OPV	12
Extender for Beverage Board Inks	13
Blue Ink for Polyolefins	13
Finished Inks	14
Quality Corrugated-Red	14
Quality Corrugated-Blue	14
Quality Corrugated-Yellow	14
Finished Inks	15
Economy Corrugated-Red	15
Economy Corrugated-Blue	15
Economy Corrugated-Yellow	15
Finished Inks	16
Foil, Film, Metallized, & Tissue-Red	16
Foil, Film, Metallized, & Tissue-Blue	16

Nitrocellulose Modification–HMS Ink	18
Water–Based Flexo Ink	18
Flexographic Inks	19
Propionate Modification–HM Ink	19
Propionate Modification–HMS Ink	19
T–Type Gravure Ink	19
Flexo Ink	20
Propionate Modification–HM Ink	20
Propionate Modification–HMS Ink	20
Nitrocellulose Modification–HM Ink	20
Nitrocellulose Modification–HMS Ink	20
Formulation Guidelines for CAP in Liquid Inks	21
Gloss Tag & Label Ink–Blue	22
Gloss Tag & Label Ink–Yellow	22
Gloss Tag & Label Ink–Red	22
Glossy Black Corrugated Ink	23
Overprint Varnish for Wet Litho Ink	23
Gold Metallic for Paper and Board	24
Gravure Ink for Gift Wrap	25
Green Polyethylene Ink	26
Polyethylene Wax Dispersion	26
High Gloss Foil Ink–Blue	27
High Gloss Foil Ink–Yellow	27
High Gloss Foil Ink–Red	27
High Gloss Wide Web Gravure Ink–Blue	28
High Gloss Wide Web Gravure Ink–Yellow	28
High Gloss Wide Web Gravure Ink–Red	28
High Quality Corrugated Ink–Blue	29
High Quality Corrugated Ink–Yellow	29
High Quality Corrugated Ink–Red	29
High Solids, Low Tack Sheetfed Offset Ink	30
Web Offset Heatset Ink	30
Fluorescent Blue Sheetfed Offset Ink	30
Ink Compatibility Chart	31
Ink–Phthalo Blue	31
Ink–Carbon Black	32
Ink–Lithol Rubine	33
Ink Formulation–Black	34
Ink Formulation–Yellow	34
Ink Formulation–Blue	35
Ink Formulation–Red	35
Low Cost Corrugated Ink–Blue	36
Low Cost Corrugated Ink–Yellow	36
Low Cost Corrugated Ink–Red	36

Low Energy Web–Offset Heatset Ink	37
Sheetfed Ink	37
Web Offset Ink	37
Web Offset Heatset Ink	37
Neutralization Formulas	38
Joncryl 91	38
Joncryl 85	38
News Flexo Vehicle "H"	39
Multi-Color News Flexo Vehicle Starting Point Formulations	39
Red Rubine	39
Yellow Diarylide	39
Blue Phthalo Blue	39
News Flexo Vehicle "F" News Flexo Vehicle for Water- Based Black Inks Starting Point Formulation	39
Phthalo G/S Corrugated Ink	40
Barium Lithol Corrugated Ink	40
Pre/Post–Metallization Primer for Paper	41
Blue Ink	41
Red for Polyethylene	42
High Gloss Water Ink for Paper and Paper Board	42
Screen Printing Ink Vehicle for General Purpose Fluorescent Screen Ink	43
A Type Gravure Ink	43
C Type Gravure Ink	43
Semi-Permanent Marker Ink	44
Textile Ink	44
Gravure Ink–A Type	44
Gravure Ink–C Type	44
Gravure Ink–T Type	44
Sheetfed Offset	45
Silver Metallic for Paper and Board (Flexo)	46
Silver Metallic for Paper and Board (Gravure)	47
Stabilized CAP Ink with Polyethylene Imine	48
Starfire Base	49
Starting Point Formulations	50
Pigment Dispersion	50
Letdown	50
Finished Ink–Yellow	50
Finished Ink–Blue	51
Finished Ink–Red	51
Finished Ink–Black	51
Suggested Starting Point Formulations for Finished Inks	53
Film–Red	52

Film-Blue	52
Film-Yellow	52
Suggested Starting Point Formulations for Finished Inks	52
Foil-Red	53
Foil-Blue	53
Foil-Yellow	53
Suggested Starting Point Formulations for Finished Inks	54
Paper & Board-Red	54
Paper & Board-Blue	54
Paper & Board-Yellow	54
Suggested Starting Point Formulations for Finished Inks	55
Tag & Label-Red	55
Tag & Label-Blue	55
Tag & Label-Yellow	55
Transparent Gold for Aluminum Foil	56
Transparent Light Gold for Aluminum Foil	57
Treated High Slip, Low Density Polyethylene Film Ink-Blue	58
Treated High Slip, Low Density Polyethylene Film Ink-Yellow	58
Treated High Slip, Low Density Polyethylene Film Ink-Red	58
Victoria Blue Ink for Polyethylene	59
Phthalo Blue G/S Ink	59
Yellow Corrugated Ink	60
Black Corrugated Ink	60
Yellow Ink	61
Blue Ink	61

SECTION II: OVERPRINT VARNISHES	62
General Purpose OPV (Joncryn 1679)	63
OPV for Wet Litho (CDX-562)	63
Grease-Barrier Overprints	64
Heat Resistant OPV	65
Pet Food Bag OPV	65
Heat Sealable Overprints	66
Repulpable Overprints	66
Heat-Resistant Overprints	66
High Gloss OPV (CDX-563)	67
Hot Mar Resistant Overprint Varnish	67
High-Gloss Thermoset Overprint Based on CAP-504-0.2	68
Typical Overprint Formulation	68

High Skid Angle/Low VOC Overprint Varnish	69
Low VOC Overprint Varnish	69
Low VOC Overprint Varnish	70
Offset Ink Train Varnish	71
Overprint Lacquer for High-Quality Gift Wrap	72
Overprint Varnish	73
Overprint Varnish over Wet Litho Ink	74
Low VOC Overprint Varnish	74
Overprint Varnishes	75
High Gloss	75
Low VOC	75
Overprint Varnishes	76
Water Resistant	76
Overprint Varnishes	77
In-Line Litho	77
Overprint Varnishes	78
General Purpose	78
Overprint Varnishes	79
Water Resistant	79
General Purpose	80
Water & Grease Resistant OPV (Joncryl 1938)	81

SECTION III: COATINGS	82
Alcohol-Resistant Slipcoat for Aluminum Foil	83
Overprint Varnish	83
Carboset GA-33 in Waterborne Inks for Vinyl Substrates	84
Carboset GA 33 Top Coat for Vinyl Wallcovering	84
Food Release - Bakery Products	85
Lidding Films	85
Economics	85
Non-Blocking Coatings	86
Non-Blocking Moisture Barrier Coating	86
Repulability of Paperboard Coated with Carboset GA-1103 and Carboset GA-1105	87
Summary	87
Repulability of the Coated Paperboard 601-750-637-1	87
601-750-637-2	87
601-750-637-3	88
601-750-637-4	88
601-750-637-5	88
Control	88
Vinyl Plastisol Fabric Coating	89
Acrylic Urethane Coating	89
Aerosol Concentrate	89

SECTION IV: MISCELLANEOUS	90
Acrylic Aerosol Concentrate	91
Alkyd Brushing Paint	91
Water Dispersion	91
Aerosol Concentrate	91
Carboset GA-1162 Resin Cut CL 119	92
Carboset GA-1162 Polyethylene Wax Dispersion CL 135	92
Carboset GA-1250 Resin Cut	93
Carboset GA-1250 Organic Pigment Grinds	93
Extender for Bronze Powders/Pastes	94
High Hiding Acrylic Emulsion for Inks on Natural Kraft	95
Starting Point Formulation: White	95
Starting Point Formulation: Black	95
Starting Point Formulation-Red	96
Starting Point Formulation-Blue	96
Starting Point Formulation-Yellow	96
Pigment Dispersion for Water-Borne Inks Using Carboset	
Polymers-Introduction	97
Pigment Selection	97
Starting Formulations	97
Standard Commercial	97
High Gloss	97
Pigment Dispersions	99
Dispersion A	99
Dispersion B	99
Dispersion C	99
Pigment Dispersions	100
Dispersion A	100
Dispersion B	100
Dispersion C	100
Pigment Dispersions	101
Dispersion A	101
Dispersion B	101
Dispersion C	101
Primer for Polypropylene and Other Plastics and Metals	102
Stir-In Additive in Coatings for Polypropylene and Other Plastics	102
Primer for Polyethylene	102
Resin Solutions	103
Joncryl 50	103
Joncryl 52	103
Joncryl 55	103
Solvent Free Resin Cut	104
Organic Pigment Grinds	104

Resin Solutions	103
Joncryl 50	103
Joncryl 52	103
Joncryl 55	103
Solvent Free Resin Cut	104
Organic Pigment Grinds	104
Solvent Free Resin Cut	105
Organic Pigment Grinds	105
Solutions of Joncryl 678	108
Joncryl 60	106
Joncryl 61	106
Vinyl Plastisol Molding, Film Foaming & Fabric Coating	107
Semi-Rigid Calendered Vinyl Film	107
Fluorescent Paper Coating	107
Tempera Paint	107
SECTION V: TRADEMARKED RAW MATERIALS	108
SECTION VI: SUPPLIERS' ADDRESSES	122
END USE INDEX	127