

**Industrial
Synthetic Resins
Handbook**

Second Edition

Ernest W. Flick

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INDUSTRIAL SYNTHETIC RESINS HANDBOOK

Second Edition

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by
Ernest W. Flick 藏书章



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Preface

In Memory of My Mother and Father

This Second Edition of the *Industrial Synthetic Resins Handbook* is a collection of technical data for about 3,000 resins and related products. It is the result of information received from 57 manufacturers and distributors of these products. The data represent selections from manufacturers' descriptions made at no cost to, nor influence from, the makers or distributors of these materials.

It is believed that all of the products listed here are currently available, which will be of interest to readers concerned with raw material discontinuities. The book will be of value to technical and managerial personnel involved in the manufacture of final products made from these resins, as well as to suppliers of basic raw materials.

The resins and related products are divided into the following 19 sections, with the number of products covered in parentheses:

- I. ABS and SAN Resins (42)
- II. Acetal Resins (81)
- III. Acrylics (201)
- IV. Allyls (43a)
- V. Curing Reaction Resins (67)
- VI. Epoxy Systems and Related Products (249)
- VII. High Solids Resins (186)
- VIII. Nylons (130)
- IX. Phenolics (81)
- X. Polycarbonates (14)
- XI. Polyesters (219)
- XII. Polyethylenes (204)
- XIII. Polypropylenes (208)

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- X. Polycarbonates (32)
- XI. Polyesters (219)
- XII. Polyethylenes (208)
- XIII. Polypropylenes (101)

- XIV. Polystyrenes (77)
- XV. Polyurethanes (140)
- XVI. Rosins, Rosin Esters and Hydrocarbon Resins (219)
- XVII. Silicones (29)
- XVIII. Vinyls (111)
- XIX. Miscellaneous (350)

Each resin is located in the section which is most applicable. The reader seeking a particular type of product should check each section which could possibly apply.

The information provided for each product includes, in the manufacturer's own words, as available:

Resin Category
Company Name
Trade Name
Product Number
Product Description
Properties/Characteristics

Also included in the book are a list of Suppliers' Addresses and a Trade Name Index.

My fullest appreciation is expressed to the companies and organizations which supplied the data included in the book.

August, 1991

Ernest W. Flick

NOTICE

To the best of our knowledge the information in this publication is accurate; however, the Publisher does not assume any responsibility for the accuracy or completeness of, or consequences arising from, such information. This industrial guide does not purport to contain detailed user instructions, and by its range and scope could not possibly do so. Mention of trade names or commercial products does not constitute endorsement or recommendation for use by the Publisher.

In some cases industrial synthetic resins could be potentially toxic, and therefore due caution should be exercised. Final determination of the suitability of any information or product for use contemplated by any user, and the manner of that use, is the sole responsibility of the user. We strongly recommend that users seek and adhere to a manufacturer's or supplier's current instructions for handling each material they use.

The Author and Publisher have used their best efforts to include only the most recent data available. The reader is cautioned to consult the supplier in case of questions regarding current availability.

Contents and Subject Index

SECTION I: ABS AND SAN RESINS	1
BASF Plastics	2
LURAN Styrene-Acrylonitrile Copolymer (SAN)	2
<i>LURAN Resins, Unreinforced; LURAN Resins, Reinforced</i>	
TERLURAN 2802 TR ABS	8
Dow Chemical, U.S.A.	9
MAGNUM ABS Resin 9010	9
MAGNUM ABS 9020 Resin	10
MAGNUM ABS 9030 Resin	11
DOW SAN Styrene-Acrylonitrile 125 Resin	12
TYRIL Styrene-Acrylonitrile 880 Resin	13
TYRIL Styrene-Acrylonitrile 880B Resin	14
TYRIL Styrene-Acrylonitrile 990 Resin	15
TYRIL Styrene-Acrylonitrile 1000B Resin	16
TYRIL Styrene-Acrylonitrile 1011 Resin	17
Monsanto Chemical Co.	18
LUSTRAN ABS 347 Resin	18
LUSTRAN ABS 911 Resin	19
LUSTRAN ABS PG-298-299-300 Resins	20
LUSTRAN Elite High Heat	22
LUSTRAN SAN	23
LUSTRAN Sparkle SAN	31
SECTION II: ACETAL RESINS	32
BASF Plastics	33
ULTRAFORM Polyacetal (POM)	33
<i>Unreinforced; With Special Additives; Reinforced</i>	

DuPont	45
DELFIN Acetal Resin	45
Hoechst Celanese Corp.	49
CELCON Acetal Copolymer	49
<i>Standard CELCON Grades; Specialty CELCON Grades</i>	
SECTION III: ACRYLICS	56
Cargill, Inc.	57
Acrylics	57
DIANAL Solid Thermoplastic Acrylic Resins	57
Thermoplastic Acrylic Lacquer Resins	62
Continental Polymers, Inc.	65
ACRYCAL MP Modified Acrylic Resins	65
Acrylic Plastic Pellets for Injection Molding and Extrusion	70
Cyrol Industries	74
ACRYLITE Acrylic Molding and Extrusion Compounds	74
ACRYLITE PLUS Acrylic Molding and Extrusion Compounds	80
XT Polymers Molding/Extrusion Compounds: Acrylic-Based Multipolymers	81
Dock Resins Corp.	83
Acrylic Resins	83
DORESCO	
Acrylic Solution Release Agents	106
Freeman Polymers Division	107
Conventional Acrylic Resins	107
<i>Thermoplastics; Thermosetting Acrylic</i>	
Goodyear Chemicals	111
PLIOWAY Resins	111
Henkel	112
G-CRYL 5000 Solid Acrylic Resin	112
G-CRYL 5001 Solid Acrylic Resin	113
G-CRYL 5003 Solid Acrylic Resin	114
G-CRYL 5004 Solid Acrylic Resin	115
Hi-Tek Polymers, Inc.	116
POLY-TEX 975 Acrylic Resin	116
POLY-TEX 9008 Acrylic Resin	117
CMD 9012 Acrylic Resin	118
CMD 9014 Acrylic Resin	119
CMD 9015 Acrylic Resin	120
CMD 9017 Acrylic Modifying Resin	121
ICI Resins US	122
NEOCRYL Solid Acrylic Resins	122

NEOCRYL Special Purpose Polymers	127
McWhorter	128
Solution Acrylics	128
ACRYLAMAC	
Mobay Corp.	131
Acrylics	131
DESMOPHEN	
Morton International	132
Acrylic Resin UCD 3-85	132
UCD 33 Acrylic Resin	133
UCD 39 Resin	134
Acrylic Resin UCD77	135
Acrylic Resin UCD78	136
Acrylic Resin UCD84	137
Acrylic Resin UCD88	138
UCD 89 Acrylic Resin	139
UCD 90 Acrylic Resin	140
UCD 100 Acrylic Resin	141
UCD214HS Resin	142
Acrylic Resin UCD685	143
UCD 685HS Resin	144
Acrylic Resin UCD887	145
NL Chemicals, Inc.	146
Acrylic Polymers	146
AROLON	
SECTION IV: ALKYDS	147
Cargill, Inc.	148
Long Oil Alkyds	148
<i>General Purpose Trade Sales and Industrial; Latex</i> <i>Modifiers</i>	
Medium Oil Alkyds	153
<i>General Purpose Industrial or Maintenance; Chain-</i> <i>Stopped; Traffic Alkyds; Flat Wall Alkyd;</i> <i>Thixotropic Vehicles; Water Extendable Alkyds;</i> <i>Rosin and/or Phenolic Modified</i>	
Short Oil Alkyds	162
<i>Non-Oxidizing—for Baking Applications or Plasticizers</i> <i>for Nitrocellulose; Oxidizing—Baking or Air Dry</i> <i>Applications; Oxidizing/Chain Stopped—for Rapid Air</i> <i>Dry or Force Cure Applications; Rosin and/or</i> <i>Phenolic Modified</i>	
Alkyd Copolymers	171
<i>Styrenated Copolymers; Vinyl Toluenedated Copolymers;</i> <i>Acrylic Copolymers</i>	

*Styrene/Vinyl Toluene Alkyd Copolymers; Acrylic
Alkyd Copolymers*

Dock Resins Corp.	175
Alkyd Resins	175
Freeman Polymers Division	179
Conventional Resins: Long Oil Alkyds	179
Medium Oil Alkyds	179
Short Oil Alkyds—Air Dry	180
Short Oil Alkyds—Bake	181
Conventional Resins: Chain Stopped	183
Modified Alkyds	184
Monomer Modified	185
Oleoresinous Varnish	187
Conventional Resins: Urethane Modified Alkyd	188
McWhorter	189
Alkyds	189
Chain-Stopped	189
DURAMAC	
Short Oil	193
Medium Oil	196
Long Oil	200
Modified	203
REZIMAC	
Thixotropic	206
THIXAMAC	
NL Chemicals, Inc.	208
Oxidizing Alkyds	208
KELSOL, AROLOX	
Non-Oxidizing Alkyd	215
C.J. Osborn	216
Long Oil Alkyds	216
Medium Oil Alkyds	221
Short Oil Alkyds	228
Non-Drying Alkyds	237
Resin Modified Alkyds	242
Ranbar Technology Inc.	248
G-1265-M-60 Alkyd Resin	248
G-1265-M-70 Alkyd Resin	249
G-3629-M-60 Alkyd Resin	250
G-4070-M-60 L/S Alkyd Resin	251
G-4070-M-70 Alkyd Resin	252
G-4070-M-70HV Alkyd Resin	253
G-4070-X-70 L/S Alkyd Resin	254
G-4070-BC-75 L/S Alkyd Resin	255
G-4495-100 L/T Iso Resin	255

G-4503-M-75 L/S Iso Resin	256
G-4520-V-50 L/T Resin	256
G-4549-100 L/L Alkyd Resin	257
G-4561-X-70 L/LS Alkyd Resin	258
G-4587-100 Linseed-Penta Grinding Vehicle	258
G-4635-M-60 IPA Alkyd Resin	259
G-4688-OMS-60 Alkyd Resin	260
G-4709-100 L/L Alkyd Resin	260
G-4067-M-50 M/LS Resin	261
G-4412-M-50 M/S Alkyd Resin	262
G-4412-M-50HV Alkyd Resin	263
G-4412-V-50 Alkyd Resin	264
G-4525-M-50 M/L Alkyd Resin	265
G-4706-M-50 Medium Oil Alkyd Resin	265
G-4401-B-70 High Solids, Short Oil Alkyd	266
G-4451-X-50 S/T Resin	266
G-4451-X-50HV Alkyd Resin-High Viscosity	267
G-4451-VBT-50 Resin	267
G-4664-T-60 Traffic Paint Vehicle	268
G-4686-PMA-90 High Solids, Short Oil Alkyd Resin	268
G-4702-X-50 Chain Stopped Alkyd Resin	269
G-1488E VT/Oil Copolymer Resin	270
G-1515E VT/Oil Copolymer Resin	270
G-4699-V-50 VT Alkyd Copolymer Resin	271
G-4594-OMS-35 Flat Wall Alkyd	272
G-4617-M-35 Flat Wall Alkyd	272
G-4689-HM-30 Flat Wall Alkyd	273
G-4489-M-60 L/S Silicone Modified Resin	274
G-4640-X-50 Phenolic Rosin Modified	275
G-4653-V-50 Rosin Modified Alkyd	276
G-4696-M-50 Rosin Modified Alkyd	277
Thibaut & Walker	278
Alkyd Resins	278
<i>SUPER ALKYD Short Oil Semi-Oxidizing; SUPER</i>	
<i>ALKYD Medium Oil; SUPER ALKYD Long Oil; SUPER</i>	
<i>ALKYD Flat Alkyds</i>	
SUPER ALKYD Modified-Oxidizing Alkyds	295
SECTION V: CURING REACTION RESINS	299
Cargill, Inc.	300
Radiation Curable Resins	300
<i>Acrylated Aliphatic Urethane Oligomers; Acrylated</i>	
<i>Epoxy Oligomers; Acrylated Unsaturated Polyester</i>	
<i>U.V. Oligomers</i>	
Freeman Polymers Division	305

Amino-Plasts	305
<i>Butylated Ureas; Butylated Melamines; High Solids</i>	
<i>Butylated Melamines</i>	
Peroxide Curable (P-Cure)	307
<i>Acrylic; Epoxy (Meth)Acrylate; Urethane (Meth)-</i>	
<i>Acrylate; Polyester</i>	
Hi-Tek Polymers, Inc.	309
AROCY B-10 Cyanate Ester Monomer	309
AROCY B-30 Cyanate Ester Semisolid Resin	310
AROCY B-40S Cyanate Ester Resin Solution	311
AROCY B-50 Cyanate Ester Hard Resin	312
AROCY F-10 Cyanate Ester Monomer	313
AROCY F-40S Cyanate Ester Resin Solution	314
AROCY L-10 Cyanate Ester Monomer	315
AROCY M-10 Cyanate Ester Monomer	316
AROCY M-30 Cyanate Ester Semisolid Resin	317
AROCY M-40S Cyanate Ester Resin Solution	318
AROCY M-50 Cyanate Ester Hard Resin	319
AROCY T-30 Cyanate Ester Semisolid Resin	320
Kenrich Petrochemicals, Inc.	321
KENFLEX A or KENFLEX N Alkylated Naphthalene	
Methylene Oligomer	321
Sartomer Co.	322
Urethane Acrylate Series	322
CRAYNOR Epoxy Acrylate Oligomers	327
SECTION VI: EPOXY SYSTEMS AND RELATED PRODUCTS ...	333
Cargill, Inc.	334
Epoxy Resins	334
<i>Liquid Epoxy Resins; Type "I" Epoxy Resin</i>	
<i>Solutions; Type "7" Epoxy Resin Solutions;</i>	
<i>High Solids Modified Epoxy Resin Solutions</i>	
Epoxy Esters	337
Ciba-Geigy Corp.	339
ARALDITE Liquid Epoxy Resins	339
Bisphenol F Epoxy Liquids	342
Brominated Epoxy Liquids	343
Special Solutions	343
Cycloaliphatic Epoxy Liquids	344
Multifunctional Epoxy Liquids	345
Thermoplastic Solid Resins	346
MATRIMID	
Diluents	347
Epoxy Solutions	348

Special Resins	351
Solid Epoxy Resins	353
Specialty Solid Epoxy	357
Electronic Grade Materials	359
<i>ARATRONIC</i>	
Dow U.S.A.	360
Dow Liquid Epoxy Resins	360
<i>D.E.R</i>	
Curing Agents: Aliphatic Polyamines and Adducts	364
<i>D.E.H.</i>	
Curing Agents: Aromatic Polyamines	365
<i>CURITHANE</i>	
Curing Agents: Anhydrides	366
Curing Agents: Polyamides	368
<i>VERSAMID, EUREDUR, ANCAMIDE</i>	
Catalytic Curing Agents	369
Hi-Tek Polymers, Inc.	370
Liquid Epoxies	370
<i>HELOXY; EPI-REZ</i>	
Epoxy Solutions	381
<i>CMD</i>	
Solid Epoxies	387
Brominated Epoxies	388
Polyfunctional Epoxies	390
EPI-TEX 611-Q Epoxy Ester Emulsion	392
EPI-TEX 183 Epoxy Ester	393
EPI-TEX 1662 Epoxy Ester	394
EPI-TEX 1663 Epoxy Ester	394
EPI-TEX 1591 Epoxy Ester	395
EPI-TEX 1486 Epoxy Ester	395
Curing Agents	396
<i>EPI-CURE</i>	
CMD WJ60-8537 Curing Agent	410
EPI-CURE W50-8535 Curing Agent	411
C.J. Osborn	412
Epoxy Esters	412
Polyproducts Corp.	417
Epoxy Resin 20-100	417
Ranbar Technology Inc.	418
G-4602-SD-50 Epoxy Ester	418
G-4646-X-50 Epoxy Ester	418
G-4704-M-60 Epoxy Ester Resin	419
SECTION VII: HIGH SOLIDS RESINS	420
Cargill, Inc.	421

High Solids Resins	421
Epoxy Esters and Phenolic Modified	421
Oxidizing Alkyds for Baking and Air Dry	421
Non-Oxidizing for Baking or Plasticizing Resins	425
Vinyl Modified Alkyds	427
Silicone Modified	428
Oil Free Polyesters	428
Ureas	433
Melamines	433
<i>RESIMENE; CARGILL</i>	
Isocyanate Modified	436
Freeman Polymers Division	438
High Solids Resins: Air Dry Alkyds	438
High Solids Resins: Baking Alkyds	440
High Solids Resins: Polyesters	442
High Solids Resins: Modified Alkyds	446
<i>Monomer Modified Alkyds</i>	
High Solids Resins: Thermoset	448
High Solids Resins: Epoxy Esters	449
McWhorter	450
High Solids	450
Baking Alkyds	450
<i>DURAMAC</i>	
Short Chain-Stop	451
Medium Oil	453
Long Oil	453
Modified/Specialty	454
<i>REZIMAC; MAXVAR</i>	
Copolymers	455
<i>MACOPOL</i>	
Oil-Modified Polyurethanes	457
<i>CARBAMAC</i>	
Polyester	458
<i>POLYMAC</i>	
Solution Acrylics	460
<i>ACRYLAMAC</i>	
Two-Package Hydroxyl Polyols	461
Two-Package Carboxy	463
C.J. Osborn	463
High Solids Resins	463
Thibaut & Walker	474
High Solid Resins	474
<i>SUPER ALKYD Air Dry Alkyds; SUPER ALKYD Baking</i>	
<i>Alkyds; SUPER POLYESTER Baking Polyesters</i>	

SECTION VIII: NYLONS	479
Allied-Signal, Inc.	480
CAPRON Nylon Homopolymers	480
<i>Standard Grades; Alpha Grades; Wire Jacketing</i>	
Ashley Polymers, Inc.	483
ASHLENE Nylon Resins	483
<i>Injection Molding Grade Resins; Economy</i>	
<i>Injection Molding Grade Resins; Extrusion</i>	
<i>Grade Nylon Resins</i>	
DuPont	488
VYDYNE Resins	488
ZYTEL Nylon Resins	491
Hoechst Celanese Corp	495
CELANESE Nylon Compositions	495
 SECTION IX: PHENOLICS	503
Akzo Coatings, Inc.	504
Modified Phenolic Resins	504
<i>FILTREZ; SETALIN</i>	
Arakawa Chemical U.S.A.	509
Resin Tackifiers for Adhesives & Sealants:	
Phenolic Resins	509
<i>TAMANOL</i>	
Raschig Corp.	510
Industrial Resins	510
<i>IMPRENAL; RESIPLAST; RAPOK</i>	
Schenectady Chemicals Inc.	530
CRJ-418 Resin	530
FRJ-551 Flaked Resin	530
HRJ-10518 Flaked Resin	531
SP-12 Resin	532
SP-25 Resin	532
SP-103 Resin	533
SP-126 Resin	534
SP-134 Flaked Resin	535
SP-144 Resin	535
SP-154 Flaked Resin	536
SP-155 Resin	536
SP-553 Resin	537
SP-560 Resin	537
SP-1044 Resin	538
SP-1045 Flake Resin	539
SP-1055 Resin	540
SP-1056 Resin	541
SP-1068 Resin	542

SP-1077 Resin	543
SP-6600 Resin	544
SP-6601 Resin	545
SECTION X: POLYCARBONATES	546
Dow Chemical U.S.A.	547
CALIBRE Polycarbonate Resins: 200 Series: FDA	
Compliance: 200-22	547
CALIBRE Polycarbonate Resins: 200 Series: FDA	
Compliance: 200-15	548
CALIBRE Polycarbonate Resins: 200 Series: FDA	
Compliance: 200-10	549
CALIBRE Polycarbonate Resins: 200 Series: FDA	
Compliance: 200-6	550
CALIBRE Polycarbonate Resins: 200 Series: FDA	
Compliance: 200-4	551
CALIBRE Polycarbonate Resins: 300 Series:	
General Purpose: 300-22	552
CALIBRE Polycarbonate Resins: 300 Series:	
General Purpose: 300-15	553
CALIBRE Polycarbonate Resins: 300 Series:	
General Purpose: 300-10	554
CALIBRE Polycarbonate Resins: 300 Series:	
General Purpose: 300-6	555
CALIBRE Polycarbonate Resins: 300 Series:	
General Purpose: 300-4	556
CALIBRE Polycarbonate Resins: 700 Series:	
Ignition Resistance/Clarity	557
CALIBRE Polycarbonate Resins: 800 Series:	
Super Ignition Resistance	559
CALIBRE Polycarbonate Resins: 2000 Series:	
For The Health Care Industry	561
Polymont International, Inc.	565
General Purpose Polycarbonate	565
Weatherable Ignition Retardant Polycarbonate	
PC-2000UV	566
SECTION XI: POLYESTERS	567
Aristech Chemical Corp.	568
Polyester Resins	568
ARISTECH Thickenable Polyester Resins; ARISTECH	
Non-Thickenable Resins	573
Cargill, Inc.	573
Oil Free Polyesters	573
For Reaction with Melamines; Polyol Type for	