

DEPOSITION
EXHIBIT

16
6/26/14 LG

Monsanto

ORGANIC CHEMICALS DIVISION

Monsanto Company
800 N. Lindbergh Boulevard
St. Louis, Missouri 63166
Phone: (314) 684-1000

September 23, 1970

Subject: Aroclor Plasticizers -
A new series of inert,
chemically-resistant,
fire-retarding plasti-
cizers compatible with
a wide variety of resins

Dear Customer:

Monsanto's withdrawal of PCB-containing Aroclors from the market has led to extensive realignment of our product line and modifications to our pricing policies. We have enclosed for your use a new product bulletin which contains data on our new Aroclor line, and also a price list for these products. I believe that you will find this new series of Aroclors an extremely valuable family of products which combines the properties of chemical stability, compatibility, adhesion, fire retardancy, and low cost which have been so useful in the past. Further, they have not shown any of the apparent environmental effects which have been attributed to PCB products.

We look forward to supplying your plasticizer needs in this area in the future. Please contact us if we can be of service to you.

Very truly yours,

Walter F. Waychoff
Walter F. Waychoff
Product Manager
Plasticizers

/dbw

EXHIBIT
WBP-M-106

MCI 000544

LEXOLDMON000953

TOWOLDMON0007840

Monsanto

ORGANIC CHEMICALS DIVISION

Monsanto Company
800 N. Lindbergh Boulevard
St. Louis, Missouri 63166
Phone: (314) 884-1000

September 23, 1970

AROCLOR PRICE LIST

QUOTED IN DOLLARS/POUND

Aroclor	1,000 Gallons Minimum	24,000 Lbs. C/L or T/L	10 Drums to C/L or T/L 5-23.9 M Lbs.	3-9 Drums or 1.5 - 4.9 M Lbs.	1-2 Drums or Std. Ctr. 1.4 M Lbs.
1221	.1625	.1925	.2025	.2125	.2325
5060	-	.1900	.2000	.2100	.2300
5432	.1800	.2100	.2200	.2300	.2500
5442, 5460	-	.2000	.2100	.2200	.2400
6040, 6050, 6062, 6070	.1800	.2100	.2200	.2300	.2500
6090	-	.2100	.2200	.2300	.2500

The five-gallon container price for all products will be 30 cents/pound above the one-two drum bracket. All prices are F.O.B. Anniston, Alabama.

Prices, terms and conditions subject to change without notice.

Willis S. Clark
Willis S. Clark

MC1000545

LEXOLDMON000954

TOWOLDMON0007841

Rec'd. 9/24/70

AROCLOR® PLASTICIZERS

A series of inert, chemically-resistant, fire-retarding
plasticizers compatible with wide variety of resins.

PLASTICIZERS



"Nothing contained herein is to be construed as a recommendation to use any product in connection with any patent. MONSANTO MAKES NO REPRESENTATION AS TO THE FITNESS OR MERCHANTABILITY OF ANY PRODUCTS REFERRED TO, as substitutes or supplements for the full and complete information in recommendations, and reserves all rights for any existing laws or patents."

Organic Chemicals Division / 800 N. Lindbergh Blvd. / St. Louis, Missouri 63160

MCI 000546

LEXOLDMON000955

TOWOLDMON0007842

AROCLOR PLASTICIZERS

A series of inert, chemically
resistant, fire retarding plasti-
cizers compatible with a wide
variety of resins.

MO1000517

LEXOLDMON000956
TOWOLDMON0007843

Properties as Plasticizers

The Aroclor resins/plasticizers and their blends have a very unusual set of properties which make them extremely useful products. Their most important characteristics are:

Low Cost
Highly Compatible
Chemically Stable
Fire Retardant
Excellent Adhesion

Another very useful aspect of this product line is the fact that a continuous range of properties can be achieved by using combinations of the Aroclors and their blends. Some of the physical properties which can be controlled through product selection are shown on the following pages.

Key to Nomenclature

5400 Series

These products are chlorinated terphenyls. The last two digits indicate the chlorine content of the material, e.g. Aroclor 5460 is a chlorinated terphenyl with 60 percent chlorine. Undistilled Aroclors are available and are designated by a 5000 series vs. the 5400 series. They are somewhat higher in color but otherwise have product characteristics similar to the distilled products.

6000 Series

These products are blends of Aroclor 5460 and Aroclor 1221, a chlorinated biphenyl. The last two digits indicate the percentage of Aroclor 5460 in the blend, e.g. Aroclor 6062 is a blend containing 62 percent Aroclor 5460 and 38 percent mono chlorinated biphenyl.

Miscellaneous Blends

Other product blends containing such other materials as Santicizer 140 for improved fire retardancy, or toluene/xylene for lower viscosities will also be made available as the demand for these specialty products develops.

AROCLOBS

	5432	5442	5460
Adhesion/Tack	-----	increasing	----->
Hardness	-----	increasing	----->
<u>Flexibility</u>	-----	decreasing	----->
Fire Retardance	-----	increasing	----->
<u>Volatility</u>	-----	decreasing	----->
Chlorine Content	-----	increasing	----->
Viscosity	-----	increasing	----->
Density	-----	increasing	----->
Permanence	-----	increasing	----->
<u>Compatibility</u>	-----	decreasing	----->

AROCLOR BLENDS

	6040	6050	6062	6070	6090
Adhesion/Tack			increasing		
Hardness			increasing		
<u>Flexibility</u>			decreasing		
Fire Retardance			increasing		
<u>Volatility</u>			decreasing		
Chlorine Content			increasing		
Viscosity			increasing		
Density			increasing		
Permanence			increasing		
<u>Compatibility</u>			decreasing		

Applications

Listed below are some of the applications where these products can be used:

Aroclor Blends

- | | |
|------|---|
| 6040 | Polyvinyl Acetate Emulsion Adhesives

SBR Adhesives

Miscellaneous applications where a high degree of flexibility is required. |
| 6050 | Chlorinated Rubber and other Resin systems for coatings.

Inks |
| 6062 | Polysulfide Sealants/Adhesives

Chlorinated Rubber Coatings and Adhesives

SBR Coatings and Adhesives

Miscellaneous applications where high chlorine content, high tack, are required.

Inks |
| 6070 | Polysulfide Adhesives

Chlorinated Rubber Adhesives

Miscellaneous applications where very high chlorine content and very high tack are required. |
| 6090 | Radiation Curing Applications |

-7-

Aroclors

5432	Polysulfide Sealants/Adhesives Chlorinated Rubber Coatings and Adhesives SBR Coatings and Adhesives
5442	Surface Coatings
5460	Hot Melt Adhesives, Surface Coatings

MCL000553

LEXOLDMON000962
TOWOLDMON0007849

PHYSICAL PROPERTIES OF AROCLORS AND AROCLOR BLENDS

Property	AROCLORS				AROCLOR BLENDS				
	Aroclor 1221	Aroclor 5432	Aroclor 5442	Aroclor 5460	Aroclor 6040	Aroclor 6050	Aroclor 6062	Aroclor 6070	Aroclor 6090
Appearance	Clear, mobile oil	Clear, yellow viscous liquid	Clear, yellow sticky resin	Clear, yellow to amber brittle resin or flakes	Clear, light yellow mobile oil	Clear, light yellow mobile oil	Clear, yellow viscous liquid	Light yellow sticky resin	Light yellow resin
Color, Maximum	*100 APHA	2 NPA (Molten)	2 NPA (Molten)	2 NPA (Molten)	2 NPA	2 NPA	2 NPA	2 NPA	2 NPA
Specific Gravity	*1.182 - 1.192 (25°/ 15.5° C)	1.263 - 1.290 (90°/ 15.5° C)	1.470 (25°/ 25° C)	1.670 (25°/ 25° C)	1.330 - 1.350 (25°/ 15.5° C)	1.342 - 1.362 (65°/ 15.5° C)	1.405 - 1.425 (65°/ 15.5° C)	1.418 - 1.438 (90°/ 15.5° C)	-
Acidity, Maximum (Mg KOH/Gm)	*0.014	-	.05	.05	0.035	.035	0.035	.035	.035
Moisture ppm Maximum	-	-	-	-	250	250	250	250	-

MOI 000554

PHYSICAL PROPERTIES OF AROCLORS AND AROCLOR BLENDS

Property	AROCLORS				AROCLOR BLENDS				
	Aroclor 1221	Aroclor 5432	Aroclor 5442	Aroclor 5460	Aroclor 6040	Aroclor 6050	Aroclor 6062	Aroclor 6070	Aroclor 6090
Viscosity (ASTM D-88)	*38-41 (100° F SUS)	50-60 (210° F SUS)	300-400 (210° F SUS)	-	122-132 (100° F SUS)	105-115 (130° F SUS)	50-60 (210° F SUS)	82-92 (210° F SUS)	-
Flash Point ° F Minimum (Cleveland Open Cup)	286-302	-	477	None to Boiling	270	290	-	-	340
Fire Point ° F Minimum (Cleveland Open Cup)	349	-	662	None to Boiling	300	335	-	-	550
Softening Point ° C	-	-	46-52	98-105	-	-	-	-	64-70

*Monsanto Specifications

MCI 000555

LEXOLDMON000964
TOWOLDMON0007851

PRODUCT CODES AND DRUM WEIGHTS

<u>Product</u>	<u>Code</u>	<u>Container</u>	<u>Net Weight Pounds</u>	<u>Gross Weight Pounds</u>	<u>Approximate Volume FT</u>
<u>AROCLORS</u>					
5060	1040-450-04-009	Multi-wall Bag	50	50 $\frac{1}{2}$	0.97
5432	1040-460-04-009	55-Gallon Metal Drum	600	648	10-3/4
		5-Gallon Metal Drum	60	65	1
5442	1040-470-04-009	40-Gallon Metal Drum	450	469	7-2/3
		5-Gallon Metal Drum	50	56	1-1/12
5460	1040-480-04-009	Multi-wall Bag	50	50-1/2	0.97
<u>AROCLOR BLENDS</u>					
6040	1045-040-04-009	55-Gallon Metal Drum	600 ✓	648	10-3/4
		5-Gallon Metal Drum	55 ✓	60	1
6050	1045-050-04-009	55-Gallon Metal Drum	600 ✓	648	10-3/4
		5-Gallon Metal Drum	55 ✓	60	1
6062	1045-062-04-009	55-Gallon Metal Drum	600 ✓	648	10-3/4
		5-Gallon Metal Drum	60 ✓	65	1

MOI 000556

PRODUCT CODES AND DRUM WEIGHTS

<u>Product</u>	<u>Code</u>	<u>Container</u>	<u>Net Weight Pounds</u>	<u>Gross Weight Pounds</u>	<u>Approximate Volume PT3</u>
6070	1045-070-04-009	55-Gallon Metal Drum	600 ✓	648	10-3/4
		5-Gallon Metal Drum	60 ✓	65	1
6090	1045-070-04-009	40-Gallon Metal Drum	500	519	7-2/3
		5-Gallon Metal Drum	50 ✓	56	1-1/12

MCI 000557

LEXOLDMON000966
TOWOLDMON0007853

Toxicity and Safe Handling

Inhalation

At ordinary temperatures, the Aroclor chlorinated polyphenyls have not presented industrial toxicological problems. The hazard of potential toxic exposure varies with their volatility: the lower-chlorinated, more volatile ones present more of a potential problem from the standpoint of both inhalation and skin contact. When Aroclor plasticizers are used at elevated temperatures, engineering controls must be applied, either by the use of closed systems or by effective local-exhaust ventilation together with general workroom exhaust.

Vapor of the liquid Aroclor plasticizers at room temperature should not be breathed in a confined space, and no vapor of any Aroclor evolved at elevated temperatures should be allowed to be dispersed into the general workroom.

Skin Contact

Continuous or repeated skin contact with the Aroclor plasticizers must be avoided by the use of gloves and protective garments, because of the possible occurrence of a condition called chloracne. Although reports of this condition caused by Aroclor are rare, it can be produced by excessive skin contact. If any Aroclor is spilled on the skin, the skin should be washed in the usual manner with a soap solution.

A burn caused by contact with a hot Aroclor should be treated like any ordinary burn. Aroclor plasticizer adhering to the burned area need not be removed immediately, unless treatment of the burn demands it, in which case either soap and water or repeated washings with a vegetable oil are recommended.

DISTRICT SALES OFFICES ALL DIVISIONS

ATLANTA, GEORGIA 30326

Lenox Towers East
3400 Peachtree Rd. N. E. — Suite 1711
Tel. (404) 577-2260

BOSTON, MASSACHUSETTS 02149

Everett Station
Tel. (617) 387-5010

CHICAGO, ILLINOIS

3158 Des Plaines Ave.
Des Plaines, Illinois 60018
Tel. (312) 296-6688

CINCINNATI, OHIO 45206

1501 Madison Road
Tel. (513) 751-6707

CLEVELAND, OHIO 44122

3645 Warrensville Center Rd.
Tel. (216) 391-5400

DETROIT, MICHIGAN 48235

500 Northland Towers East
Tel. (313) 357-0910

HONOLULU, HAWAII 96812

205 Pacific International Bldg.
677 Ala Moana Blvd., P. O. Box 3824
Tel. (808) 512-744

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1300 Main Street
Tel. (713) Capital 3-4011

LOS ANGELES, CALIFORNIA 90022

6670 E. Flamingo St.
Tel. (213) 723-2492

MINNEAPOLIS, MINNESOTA 55402

912 Northstar Center 110 S. Seventh St.
Tel. (612) 339-4651

NEW YORK, NEW YORK 10017

277 Park Avenue
Tel. (212) 922-4111

PITTSBURGH, PENNSYLVANIA 15222

No. 4 Gateway Center Bldg. Room 534
Tel. (412) 261-2166

ST. LOUIS, MISSOURI 63166

800 N. Lindbergh Blvd.
Tel. (314) Oxford 4-1000

SAN FRANCISCO BAY AREA

2710 Lafayette, Santa Clara, Calif. 95052
Tel. (408) 243-0414

SEATTLE, WASHINGTON 98104

911 Western Avenue
Tel. (206) Main 2-4203

SPRINGFIELD, MASSACHUSETTS 01101

730 Worcester Ave.
Tel. (413) 789-6911

WILMINGTON, DELAWARE 19803

2005 Concord Pike, Fairfax
Tel. (302) Olympia 8-6531

MONSANTO, 800 N. LINDBERGH BLVD., ST. LOUIS, MISSOURI 63166

Additional District Offices are maintained by:

Agricultural Division

LUXING, LOUISIANA 70070

P. O. Box 174
Tel. (504) 784-6263

MEMPHIS, TENNESSEE 38113

1023 Riverside Drive
P.O. Box 12148
Tel. (901) Whitehall 7-3151

Textiles Division

AKRON, OHIO 44313

3030 West Market St.
Tel. (216) 839-7941

ATLANTA, GEORGIA 30303

Atlanta Merchandise Mart
240 Peachtree St. N.W.
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851 Palisades Ave.
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NEW YORK, NEW YORK

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Tel. (201) 568-5100

Hydrocarbons & Polymers Division-Lion Oil

EL DORADO, ARKANSAS 71730

Lion Oil Building
Tel. (501) Union 3-3111

JACKSON, MISSISSIPPI 39209

P. O. Box 10837
Westland Station
Tel. (601) 352-3648

LITTLE ROCK, ARKANSAS 72203

1616 West Seventh St.
Tel. (501) Franklin 8-1437

MEMPHIS, TENNESSEE 38113

1023 Riverside Drive
P. O. Box 13248
Tel. (901) Whitehall 7-3151

Organic Chemicals Division (Rubber Industry)

AKRON, OHIO 44311

820 Brown Street
P. O. Box 2307
Tel. (216) Homelock 4-1921

W. S. Cook stated on 2 May 1973 that this specific price sheet was probably not sent; rather a special typed form using the appropriate product prices.

Monsanto

**ORGANIC CHEMICALS DIVISION
MONSANTO COMPANY
PLASTICIZERS**

PRICE AND SHIPPING INFORMATION

This price sheet announces new price schedules on Aroclors, some Permanents, Phosphates, Sulfonamides and Phthalates. It also lists new Aroclors which have been developed to replace those which have been removed from our product line.

October 1, 1970

LCL											
	T/C-T/T (1)	T/T (1)	T/T (1)	C/L	Liq-30 Dr.	3-9 Dr	3-2 Dr				
	(40 M Lbs.)	(30 M Lbs.)	(20 M Lbs.)	T/L	Solid 5-20 M Lbs.	1.5-4.9 M Lbs.	Std. Ctr.				
								F.O.B. (B3)		Std. Ctr.	Pounds per Gal.
PERMANENTS											
Santichlor 405	-----	-----	-----	\$0.47	\$0.48	\$0.49	\$0.51	Ext. Mass. (B)	450	9.6	
Santichlor 409	\$0.39	\$0.3925	\$0.3975	.42	.43	.44	.46	Ext. Mass. (B)	450	9.0	
Santichlor 411	.31	.3125	.3175	.34	.35	.36	.38	Ext. Mass. (B)	450	9.2	
Santichlor 412	.33	.3325	.3375	.36	.37	.38	.40	Ext. Mass. (B)	450	8.8	
Santichlor 429	.37	.3725	.3775	.40	.41	.42	.44	Ext. Mass. (B)	450	9.1	
Santichlor 430	.27	.2725	.2775	.30	.31	.32	.34	Ext. Mass. (B)	450	8.7	
Santichlor 431	.30	.3025	.3075	.33	.34	.35	.37	Ext. Mass. (B)	450	9.0	
Santichlor 432	.33	.3325	.3375	.36	.37	.38	.40	Ext. Mass. (B)	450	9.2	
PHOSPHATES											
Tricetyl Phosphate	.32	.3225	.3275	.35	.36	.37	.39	Sauget, Ill. (7)	530	9.7	
Triphenyl Phosphate	-----	-----	-----	.37	.38	.39	.41	Sauget, Ill. (7)	250	Solid	
Triphenyl Phosphite	-----	-----	-----	.29	.30	.31	.33	Sauget, Ill. (7)	510	9.8	
								equalized (3)			
Santichlor 140	.30	.3025	.3075	.33	.34	.35	.37	Sauget, Ill. (7)	545	10.0	
Santichlor 141	.34	.3425	.3475	.37	.38	.39	.41	St. Louis, or	495	9.1	
								Bridgeport (7)			
Santichlor 142	.275	.2775	.2825	.305	.315	.325	.345	St. Louis or	485	8.9	
								Bridgeport (7)			
Triethyl Phosphate	.36	.3625	.3675	.39	.40	.43	.43	St. Louis, Mo. (7)	450	8.5	
Triethoxy Ethyl Phosphate	.49	.4925	.4975	.515	.525	.535	.555	St. Louis, Mo. (8)	460	8.1	
ADIPATES											
Dioctyl (DOA)	.25	.2525	.2575	.28	.29	.30	.32	Ext. or St. Louis (8)	420	7.7	
Diisodecyl (DIDA)	.25	.2525	.2575	.28	.29	.30	.32	Ext. Mass. (8)	415	7.7	
Di-(n-Octyl, n-Decyl) (DNOOA)	.25	.2525	.2575	.28	.29	.30	.32	Ext. Mass. (8)	415	7.6	
SULFONAMIDES											
Santichlor 1-H	-----	-----	-----	.52	.53	.54	.55	St. Louis, Mo.	375 (13)	Solid	
Santichlor 3	-----	-----	-----	.61	.62	.63	.65	St. Louis, Mo.	400	Solid	
Santichlor 8	.445	.445	.445	.475	.485	.495	.515	St. Louis, Mo.	530	9.9	
Santichlor 8 Spec.	-----	-----	-----	.50	.51	.52	.54	St. Louis, Mo.	530	9.9	
Santichlor 9 bags	-----	-----	-----	.42	.43	.44	.46	St. Louis, Mo.	50	Solid	
Santichlor 9 LP's	-----	-----	-----	.4375	.4375	.4475	.4675	St. Louis, Mo.	250	Solid	
Santolite 9 NHP	-----	-----	-----	.48	.49	.50	.54	St. Louis, Mo.	60	Solid	
Santolite MS80%	-----	-----	-----	.48	.49	.50	.54	St. Louis, Mo.	540	10.5	
GLYCOLATES											
Santichlor E-15	-----	-----	-----	.60	.61	.62	.64	St. Louis, Mo.	535	9.9	
Santichlor B-16	.445	.445	.445	.475	.485	.495	.515	St. Louis, Mo.	500	9.2	
Santichlor M-17	.44	.44	.44	.47	.48	.49	.51	St. Louis, Mo.	550	10.2	
ANTIOXIDANTS											
Santox 9	-----	-----	-----	1.14	1.15	1.17	1.17	Nitro, W. Va. (5)(11)	150	Solid	
Santox 9 R	-----	-----	-----	2.80	2.80	2.90	2.90	Nitro, W. Va. (5)(11)	150	Solid	
Santowhite 9 Powder	-----	-----	-----	1.14	1.15	1.17	1.17	Nitro, W. Va. (5)(11)	125	Solid	
Santowhite Powder Refined	-----	-----	-----	4.50	4.50	4.60	4.60	St. Louis, Mo. (5)(11)	150	Solid	

MOI 000560

LEXOLDMON000969

TOWOLDMON0007856

	T/C T/T (1) 10.5 M Lbs.	T/T (1) (10.5 M Lbs.)	T/T (1) (10.5 M Lbs.)	T/T or Solid 5-24M 7.1	Line-to-Dr- um of T/T Solid 5-24M Lbs.	3-5 Dr 5.5-4.9 M Lbs.	5-7 Dr 5.5-4.9 M Lbs.	F.O.B. (15)	Sta. of Production	Net Wt.
PHTHALATES										
Diethyl	\$0.21	\$0.2225	\$0.2275	\$0.25	\$0.26	\$0.27	\$0.29	St. Louis, Mo. ^a	110	8.7
Diethylhexyl (DCHP) Granular	-----	-----	-----	.455	.465	.475	.495	Erl. Mass. ^a (72)	300	Solid
Diethyl	.21	.2125	.2175	.24	.25	.26	.28	St. Louis, Mo. ^a (2)	500	9.4
Diethyl Low Odor	.235	.2375	.2425	.265	.275	.285	.305	St. Louis, Mo. ^a (2)	500	9.4
Diethyl	.21	.2125	.2175	.24	.25	.26	.28	St. Louis, Mo. ^a (2)	530	9.9
Diphenyl	-----	-----	-----	.51	.52	.53	.55	St. Louis, Mo.	400 (13)	Solid
Diethyl (DOP)	.12	.1225	.1275	.15	.16	.17	.19	Texas City, St. Louis or Long Beach ^a (12)	445	8.2
Di-n-octyl (DNOF)	.125	.1275	.1325	.155	.165	.175	.195	Texas City, St. Louis or Long Beach ^a (12)	440	8.1
Di (n-Octyl, n-Decyl) (DNOF)	.1625	.165	.170	.1925	.2025	.2125	.2325	Erl. or Long Beach ^a (8)	440	8.1
Dihexyl	.22	.2225	.2275	.25	.26	.27	.29	Erl. or Long Beach ^a (12)	420	7.9
Dihexyl (DUP)	.215	.2175	.2225	.245	.255	.265	.285	Erl. Mass. ^a (12)	420	7.9
Santolizer [®] 160	.165	.1675	.1725	.215	.225	.235	.255	Bridgeport, N.J. ^a (2)	500	9.3
Santolizer 213	.185	.1875	.1925	.235	.245	.255	.275	Erl. or Bridgeport ^a (12)	450	8.7
Santolizer 214	.235	.2375	.2425	.265	.275	.285	.305	St. Louis or Erl. ^a (2)	440	7.9
Santolizer 215	.1404	.1429	.1479	.1704	.1804	.1904	.2104	Erl. Mass. ^a (2)	445	8.1
Santolizer 218A	.175	.1775	.1825	.205	.215	.225	.245	St. Louis, Bridgeport or Long Beach ^a (8)	495	9.2
Santolizer 261	.22	.2225	.2275	.25	.26	.27	.29	Bridgeport, N.J. ^a (8)	480	8.9
Santolizer 278	.40	.4025	.4075	.43	.44	.45	.47	Erl. Mass. ^a (2)	4E	7.6
Santolizer 630	.1334	.1359	.1409	-----	-----	-----	-----	Erl. Mass. ^a (2)	-----	5.7
Santolizer 636	.1225	.125	.13	-----	-----	-----	-----	Erl. Mass. ^a (12)	-----	9
Santolizer 683	.1237	.1257	.1307	-----	-----	-----	-----	Erl. Mass. ^a (2)	-----	-----
Santolizer 711	.14	.1425	.1475	.17	.18	.19	.21	Texas City, Tex. ^a (12)	40	-----
Santolizer 815	.175	.1775	.1825	.205	.215	.225	.245	St. Louis, Bridgeport or Long Beach ^a (8)	500	9.3
AROCLOR[®]										
Solid 5432, 5460	-----	-----	-----	.20	.21	.22	.24	Anniston, Ala.	Various	Solid
Solid 5050	-----	-----	-----	.19	.20	.21	.23	Anniston, Ala.	50	Solid
Solid 5050	-----	-----	-----	.21	.22	.23	.25	Anniston, Ala.	500	Solid
Liquid 1221	.1625	.1625	.1625	.1925	.2025	.2125	.2325	Anniston, Ala.	520	9.5
Liquid 5432, 6040	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
6050, 6062, 6070	.18	.18	.18	.21	.22	.23	.25	Anniston, Ala.	500	11 (15)
SPECIAL PLASTICIZERS/MODIFIERS										
HB-10 [®]	.16	.1625	.1675	.19	.20	.21	.23	Anniston, Ala. ^a (7)	400	8
Santomak [®] H	-----	-----	-----	1.16	1.17	1.18	1.20	St. Louis, Mo. (24)	250	-----
Dylol [®]	3.10 (4)	3.10	3.10	3.35	3.45	3.45	3.45	St. Louis (10)	495	-----
Mod-Epo [®]	-----	-----	-----	.35	.36	.37	.39	Saugat, Ill.	510	9.6
Montar [®] 5	-----	-----	-----	.0525	.08	.08	.08	Anniston, Ala.	Various	Solid
Modallow [®]	-----	-----	-----	3.68	3.70	3.70	3.70	Nitro, W. Va. (9)	300	-----
Phogard [®] C-22-R	-----	-----	-----	.47	.48	.49	.51	St. Louis, Mo.	630	11.9
Santolizer 679	.175	.1775	.1825	.205	.215	.225	.245	St. Louis or Bridgeport ^a (8)	500	8.9

^a FOB shipping point, minimum freight prepaid to all points in the Continental U.S. except Alaska.

^{aa} Freight equalized with Point Pleasant, West Virginia.

^{bb} We prefer to sell in bulk only, however, in case of product adoption, they are available in drums at the drum price intervals.

(1) Tank truck shipments of 40,000 pounds or more of most plasticizers are available within established delivery zones at tank car price. The minimum tank-truck shipment is 8,000 pounds of a single product. Two plasticizers (maximum of three) may be used to obtain 40,000 pounds and the T/C price on each. There must be a minimum of 4,000 pounds of one product in a mixed shipment.

Bulk stations in Bridgeport, N. J., Everett, Mass., St. Louis, Mo., Long Beach, Calif., Saugat, Ill., Texas City, Texas, Anniston, Ala., Cleveland, Ohio, New Haven, Conn., and Miami, Fla.

(2) Item in 3/4 gal. or 1/2 gal. to California, Oregon, Washington, Idaho, Nevada, Montana, Arizona, Utah and Wyoming.

(3) Freight equalized with Niagara Falls, New York.

(4) Price per gallon.

(5) Item in 2 1/2 gal. extra to 9 western states.

(6) Tank car or tank truck only for Aroclor 1221, 5432, 6040, 6050, 6062 and 6070.

(7) Item in 1 1/2 gal. extra to 9 western states.

(8) Item in 1 gal. extra to 9 western states.

(9) 20 gallon containers 3¢ per lb. and 1 gallon containers 6¢ per lb. higher than 1 to 2 drum price.

(10) 5 gallon containers 5¢ per gallon higher than 1 to 2 drum price.

(11) Less than standard container 3¢ per lb. higher than 1 to 2 drum price FOB plant.

(12) Item 1/2 per pound extra to 9 western states.

(13) Approximate.

(14) 1 gallon containers 6¢ per lb. higher than 1 to 2 drum price.

(15) Price within parentheses FOB plant to all points in the Continental U.S. except Alaska. Items in 2 1/2 gal. extra to 9 western states. Items in 1 1/2 gal. extra to 9 western states.

MAC 000561

LEXOLDMON000970

TOWOLDMON0007857

A series of inert, chemically-resistant, fire-retarding plasticizers compatible with wide variety of resins.

N

"Nothing mentioned herein is to be construed as a recommendation to use any product or service or any other recommended device or equipment as to the fitness or appropriateness of any product or service to be purchased or used. The manufacturer or provider of any product or service is responsible for the provision of satisfactory results from studies upon which technical information is furnished, and assumes full liability for any resulting loss or damage."

Organic Chemicals Division / 4143 N. Lindbergh Blvd. / St. Louis, Missouri 63108

AROCLOR® PLASTICIZERS

A series of inert, chemically
resistant, fire retarding plasti-
cizers compatible with a wide
variety of resins.

MC1000563

LEXOLDMON000972

TOWOLDMON0007859

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MO1000564

Properties as Plasticizers

The Aroclor® resins/plasticizers and their blends have an unusual combination of properties which make them extremely useful products. Their most important characteristics are:

Low Cost
Highly Compatible
Chemically Stable
Fire Retardant
Excellent Adhesion

Another very useful aspect of this product line is the fact that a continuous range of properties can be achieved by using combinations of the Aroclors and their blends. Some of the physical properties which can be controlled through product selection are shown on the following pages.

Our Aroclor® product line is now made up of polychlorinated terphenyls, monochlorinated biphenyl, and blends of these products. None of these materials has been shown to create any environmental problems. On the other hand, Food and Drug Administration approval has not been obtained for any of these products. Accordingly, the Aroclor® plasticizers should not be used in connection with food or food-related products, with food wrapping or food container materials. Further, Monsanto strongly recommends that these products not be used in any other application such as non-FDA regulated food systems, in potable water systems, in any animal feeding systems, or in pharmaceuticals.

MO1000505

Key to Nomenclature

5400 Series

These products are chlorinated terphenyls. The last two digits indicate the chlorine content of the material, e.g., Aroclor® 5460 is a chlorinated terphenyl with 60 percent chlorine. Undistilled Aroclors® are available and are designated by a 5000 series vs. the 5400 series. They are somewhat higher in color but otherwise have product characteristics similar to the distilled products.

6000 Series

These products are blends of Aroclor® 5460 and Aroclor® 1221-B, a biodegradable monochlorinated biphenyl. The last two digits are an indication of the proportion of Aroclor® 5460 in the blend, e.g., Aroclor® 6062 has more Aroclor® 5460 in it than does Aroclor® 6050.

Miscellaneous Blends

Other product blends containing such other materials as Santicizer 140 for improved fire retardancy, or toluene/xylene for lower viscosities will also be made available as the demand for these specialty products develops.

AROCLORS

	5432	5442	5460
Adhesion/Tack	—	increasing	→
Hardness	—	increasing	→
Flexibility	—	decreasing	→
Fire Retardance	—	increasing	→
Volatility	—	decreasing	→
Chlorine Content	—	increasing	→
Viscosity	—	increasing	→
Density	—	increasing	→
Permanence	—	increasing	→
Compatibility	—	decreasing	→

ARGCLOE BLENDS

	6040	6050	6062	6070	6090
Adhesion/Tack			increasing		
Hardness			increasing		
Flexibility			decreasing		
Fire Retardance			increasing		
Volatility			decreasing		
Chlorine Content			increasing		
Viscosity			increasing		
Density			increasing		
Permanence			increasing		
Compatibility			decreasing		

Applications by Product

Listed below are some of the applications where these products can be used:

Aroclor Blends

- | | |
|------|---|
| 6040 | Polyvinyl Acetate Emulsion Adhesives
SBR Adhesives
Miscellaneous applications where a high degree of flexibility is required. |
| 6050 | Chlorinated Rubber and other Resin systems for Coatings.
Inks |
| 6062 | Polysulfide Sealants/Adhesives
Chlorinated Rubber Coatings and Adhesives
SBR Coatings and Adhesives
Miscellaneous applications where high chlorine content, high tack, are required.
Inks |
| 6070 | Polysulfide Adhesives
Chlorinated Rubber Adhesives
Miscellaneous applications where very high chlorine content and very high tack are required. |
| 6090 | Radiation Curing Applications |

Aroclors

- | | |
|------|---|
| 5432 | Polysulfide Sealants/Adhesives
Chlorinated Rubber Coatings and Adhesives
SBR Coatings and Adhesives |
| 5442 | Surface Coatings |
| 5460 | Hot Melt Adhesives, Surface Coatings |

MCI 000570

LEXOLDMON000979
TOWOLDMON0007866

AROCLOR MARKETS

<u>Aroclor Applications</u>	<u>Polymers and/or Binders</u>	<u>Aroclor Recommended</u>
<u>Adhesives</u>		
Delayed Tack	SBR, PVAc, PS	6090, 5460
Emulsion	PVAc, SBR, Acrylic-VAc, Acrylic-ethylene	1221-B, 6040, 6050
Pressure Sensitive	Natural Rubber, SBR, CI Rubber	1221-B, 6062, 5460
Hot Melt	EVAc, PVB, Phenoxies, Polyamides	5460, 5465, 5060, Montar 5
<u>Sealants</u>		
	Polysulfide, Nitrile Epoxy, Polyurethane	5460/8-261, HB-40, 6070, 5432
<u>Caulking Compounds</u>		
	Acrylics	5460, 6070
<u>Surface Coatings</u>		
Paints	PVAc, PVC, Nitriles, Styrene, Acrylics	5460, 6062, 6070
Lacquers	Alkyd, CI Rubber	5460, 6062, 6070, 6090

AROCLOR MARKETS (Continued)

<u>Aroclor Applications</u>	<u>Polymers and/or Binders</u>	<u>Aroclor Recommended</u>
<u>Surface Coatings (Continued)</u>		
Varnish	Polysulfide	6070
Paper Coatings	Ethyl Cellulose	6040, 6050
<u>Printing Inks</u>	Nitrocellulose, Acrylic	5460, 6070, 6062, 6090
<u>Miscellaneous</u>		
Lost Wax Casting	Wax	5442, 5460, 5465
Impregnating Phenolic Resistors	Resinox, PVC	5460, 6062
Laminating Resins	Phenolic	5460, 6070
Epoxy Resins	Epoxy	6062, 6070

DELAYED TACK ADHESIVES

Total Market for Plasticizers: 3-4 Million Pounds/Year

Typical Formulations:

<u>Component</u>	<u>Parts by Weight</u>
1. Diphenyl Phthalate	60.6
Cumar W 12	15.1
Lustrax 15	24.3
2. Vinsol Resin	50.0
Santicizer 1-H	50.0
Acrysol M. R.	10.0
Thinned amine dispersant	250.0
<u>Thinned amine dispersant</u>	
Steric Acid	1
Poly-pale Resin	1
2-amino-2-methyl-1-propanol	1
Water	3

Properties Desired:

1. Activation at specific temperature.
2. Remains tacky for specific time period.
3. Remains bonded over wide temperature range.

Current Recommendations:

1. Dicyclohexyl Phthalate - DCHP
2. Diphenyl Phthalate
3. Santicizer 1-H
4. Aroclor 5460
5. Aroclor 6090

MO1000573

EMULSION ADHESIVES

Total Market for Plasticizers: 35-40 Million Pounds/Year

Typical Formulations:

Gelva S-55	90
Santicizer 218-A	10
	<u>100</u>

Gelva TS-65	90
Santicizer 885	10
	<u>100</u>

Gelva S-77	90
Aroclor 1221-B	10
	<u>100</u>

Gelva TS-100	90
Aroclor 6040	10
	<u>100</u>

Aircoflex 400	95
Aroclor 6050	5
	<u>100</u>

Gelva TS-100	65
Aroclor 1221	10
Staybelite Ester 10	15
Butyl Acetate	10
Santowarce SX	0.1
	<u>100.1</u>

Properties Desired:

1. Controlled wet tack: in most cases, the shorter the wet tack time before the adhesive grabs, the better.
2. Open time of at least one minute: open time is the time during which two adhered substrates can be adjusted after making contact.
3. Physical properties of adhesive film: the cohesive strength of the adhesive must be strong enough to hold the substrates together.

EMULSION ADHESIVES (Continued)

4. Relatively high heat delamination temperature: this depends on the film forming polymers, the type and amount of plasticizer.
5. Good resistance to water: prolonged immersion in water causes loss of adhesion by most emulsion adhesives at elevated temperatures.

PRESSURE SENSITIVE ADHESIVES

Total Market for Plasticizers: 30 Million Pounds/Year

Typical Formulations:

<u>Component</u>	<u>Parts by Weight</u>
1. <u>Calendered into Fabric</u>	
Cellulose Acetate	1
Sartolizer 8	3
Sartolite MHP	2
2. <u>Hot Melt Type</u>	
Crepe Rubber	15
Polyisobutylene	15
Ester Gum	20
Santolite MHP	20
Aroclor 6070	30
Wax	10

Properties Desired:

1. Low volatility
2. Good heat stability
3. High flow/spreadability at elevated temperatures
4. Good moisture resistance
5. Broad use temperature range

PRESSURE SENSITIVE ADHESIVES (Continued)

Current Recommendations:

1. Santicizer 160
2. Santicizer 148
3. Aroclor 5460, 6040, 6070
4. Santclite MHP

HOT MELT ADHESIVES

Total Market for Plastifier/Tackifier: 30-40 Million Pounds/Year

Typical Formulations:

<u>Component</u>	<u>Parts by Weight</u>
1. <u>Basic Formula</u>	
EVA:	30
Aroclor 5460	40
Microcrystalline Wax	30
2. <u>Alkali Dispersable Bookbinding Adhesive</u>	
PVA:	40
Santicizer 160	8
Aroclor 5432	26
Nevellac Hard	24
Acromax C	1
Sodium Benzoate	0.75

Properties Desired:

1. Good heat stability
2. Sharp melting point
3. Satisfactory viscosity/temperature relationship
4. Bond flexibility
5. Adhesion

HOT MELT ADHESIVES (Continued)

Current Recommendations:

1. Aroclor 5460, 5465
2. Aroclor 5060, Montar 5
3. Santicizer 160, 141, 148
4. Santicizer 8

MO1000570

POLYSULFIDE SEALANTS

Typical Formulation:

Thiokol LP-2	100
Lead dioxide paste (50% PbO ₂ , 45% S-160, 5% St. acid)	15
Plasticizer	<u>30</u> <u>145</u>

Fillers such as SRF black, MT black, Lithopone, Zinc Sulfide and York Whiting may be included in the 15 to 75 phr range.

Properties Desired:

1. Adhesions
2. Specific Rate of Cure
3. Specific Creep Characteristics
4. Shelf Stability
5. Pot Life

Current Recommendations

1. Santicizer 261
2. HB-40
3. Blends of Aroclor 5460/S-261 (Santicizer 326)
4. Aroclor 5460/S-160
5. Santicizer 148

CHLORINATED RUBBER COATINGS

Typical Formulation:

Parlon S-10	35
Epon 828	1
Epichlorohydrin	0.2
Xylene	100
Plasticizer	25
TiO ₂	38.4
Carbon Black	C.4
	<u>200.0</u>

Properties Desired:

1. Water impermeability
2. Chemical resistance
3. Adhesion to substrate
4. Flexibility

Current Recommendations:

1. Aroclor 6062
2. Aroclor 5432
3. Phthalate ester (if not chem. resistance req.)
4. Aroclor 5460/Santicizer 711 3/1 or 4/1

ACRYLIC LACQUER

Typical Formulation:

Lucite 6011 or 6012	250 (~100 solids)
1/2 sec. cellulose acetate butyrate	0 to 40
Plasticizer	20 to 40

Properties Desired:

1. Good adhesion
2. Superior pigment wetting
3. Resistance to water and dilute alkalis
4. Excellent weatherability
5. Good abrasion resistance
6. Toughness over a broad temperature range
7. Low volatility of the plasticizer

Current Recommendations:

1. Santicizer 261
2. Aroclor 6062
3. Aroclor 5442
4. Santicizer 140
5. Santicizer 160

TYPICAL PHYSICAL PROPERTIES OF AROCLORS AND AROCLOR BLENDS

Property	AROCLORS				AROCLOR BLENDS				
	Aroclor 1221-B	Aroclor 5432	Aroclor 5442	Aroclor 5460	Aroclor 6040	Aroclor 6050	Aroclor 6062	Aroclor 6070	Aroclor 6090
Appearance	Clear, mobile oil	Clear, yellow viscous liquid	Clear, yellow sticky resin	Clear, yellow to amber brittle resin or flakes	Clear, light yellow mobile oil	Clear, light yellow mobile oil	Clear, yellow viscous liquid	Light yellow sticky resin	Light yellow resin
Color, Maximum	100 APHA*	2 NPA* (Molten)	2 NPA* (Molten)	2 NPA* (Molten)	2 NPA*	2 NPA*	2 NPA*	2 NPA*	2 NPA*
Specific Gravity	1.125 - 1.140 (25°/ 15.5° C)	1.280* - 1.300 (90°/ 15.5° C)	1.470 (25°/ 25° C)	1.670 (25°/ 25° C)	1.326* - 1.346 (25°/ 15.5° C)	1.344* - 1.357 (65°/ 15.5° C)	1.407* - 1.427 (65°/ 15.5° C)	1.425* - 1.440 (90°/ 15.5° C)	-
Acidity, Maximum (Mg KOH/Gm)	0.014*	-	.05*	.05*	0.035*	.035*	0.035*	.035*	.035*
Moisture ppm Maximum	-	-	-	-	250*	250*	250*	250*	-
Refractive Index 25° C	-	1.658 - 1.660	1.659 - 1.662	1.660 - 1.665	1.6334	1.6390	1.6463	1.6507	1.6580

MC1000583

TYPICAL PHYSICAL PROPERTIES OF AROCLORS AND AROCLOR BLENDS

Property	AROCLORS				AROCLOR BLENDS				
	Aroclor 1221-B	Aroclor 5432	Aroclor 5442	Aroclor 5460	Aroclor 6040	Aroclor 6050	Aroclor 6062	Aroclor 6070	Aroclor 6090
Viscosity (ASTM D-88)	38 (100° F SUS)	50-60 (210° F SUS)	300-400 (210° F SUS)	-	106-146* (100° F SUS)	110-125* (130° F SUS)	54-64* (210° F SUS)	82-102* (210° F SUS)	-
Flash Point ° F Minimum (Cleveland Open Cup)	260	470° F	477	None to Boiling	260	260	260	260	340
Fire Point ° F Minimum (Cleveland Open Cup)	280	660° F	> 662	None to Boiling	300	310	320	325	550
Softening Point ° C	-	-	46-52*	98-105.5*	-	-	-	-	64-70*

*Monsanto Specification

MCI 000584

LEXOLDMON000993

TOWOLDMON0007880

Toxicity and Safe Handling

Inhalation

At ordinary temperatures, the Aroclor chlorinated polyphenyls have not presented industrial toxicological problems. The hazard of potential toxic exposure varies with their volatility: the lower-chlorinated, more volatile ones present more of a potential problem from the standpoint of both inhalation and skin contact. When Aroclor plasticizers are used at elevated temperatures, engineering controls must be applied, either by the use of closed systems or by effective local-exhaust ventilation together with general workroom exhaust.

Vapor of the liquid Aroclor plasticizers at room temperature should not be breathed in a confined space, and no vapor of any Aroclor evolved at elevated temperatures should be allowed to be dispersed into the general workroom.

Skin Contact

Continuous or repeated skin contact with the Aroclor plasticizers must be avoided by the use of gloves and protective garments, because of the possible occurrence of a condition called chloracne. Although reports of this condition caused by Aroclor are rare, it can be produced by excessive skin contact. If any Aroclor is spilled on the skin, the skin should be washed in the usual manner with a soap solution.

A burn caused by contact with a hot Aroclor should be treated like any ordinary burn. Aroclor plasticizer adhering to the burned area need not be removed immediately, unless treatment of the burn demands it, in which case either soap and water or repeated washings with a vegetable oil are recommended.

DISTRICT SALES OFFICES ALL DIVISIONS

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Additional District Offices
are maintained by:

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Lion Oil Building
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P. O. Box 13749
Tel. (901) Warehouse 7-3151

Organic Chemicals Division (Rubber Industry)

AKRON, OHIO 44311

320 Brown Street
P. O. Box 2307
Tel. (216) Hordtech 4-1021

MO1000595

LEXOLDMON000995

TOWOLDMON0007882

NAME	ADDRESS	DATE MAILED	PER
1. Abco, Inc.	P. O. Box J Irwin, Pa. 15642		
2. Acme Chemicals and Insulation Co. (Allied Products Corp.)	P. O. Box 1404 New Haven, Conn. 06505		
3. Adelphi Paint and Color Works, Inc.	8600 Dumont Ave. Ozone Park LI, N. Y. 11417		
4. Adhesives Research, Inc.	161 East 9th Avenue York, Pennsylvania 17404		
5. The Allentown Paint Mfg Co	East Allen & Graham Streets Allentown, Pa. 18105		
6. Allegheny Solvents & Chemical Co	P. O. Box 477 Carnegie, Pa. 15106		
7. Allied Paint Manufacturing Company	834 West Third Street Lansdale, Pa. 19446		
8. Allis-Chalmers Mfg Co # 261	Pittsburgh Plant Columbus And Preble Aves. Pittsburgh, Pa. 15233		
9. Amchem Products, Inc. Benjamin Foster Division	Ambler, Pa. 19002		
10. Amerson Corrosion Control Div.	201 North Berry Street Brea, California 92621		
11. Amercoat Corporation	201 North Betty Street Brea, California 92621		
12. American Enka Brand Rex Division	West Main Street Willimantic, Conn. 06226		

address list for } July, 1970 thru
per re. check } Sept, 1970



NAME	ADDRESS	DATE MAILED	PER
13. American Lacquer & Solvent Co	P. O. Box 11515 Tampa, Florida 33610		
14. American Chemical Service, Inc. <i>250, 241, # 243, # 245 & 248</i>	P. O. Box 190 Griffith, Indiana 46319		
15. Ames Rubber Corporation <i>f</i>	Hamburg, N. J. 07419		
16. American Adhesive, Inc.	30 Waverly Ave. Brooklyn, N. Y. 11205		
17. AMF Volt, Inc.	P. O. Box 958 Santa Ana, Calif. 92702		
18. AMSCO	14 Commerce Rd. Cranford, N. J. 07016		
19. Amso Solvents & Chemicals <i>Archem Co, Portsmouth, N.H.</i>	4619 Reading Road Cincinnati, Ohio 45229		
20. R. J.R. Archer, Inc. <i>A 260</i>	P. O. Box 2715 Winston-Salem, N.C. 27102		
21. Arkansas Technical Industries, Inc.	Highway 167 North Datesville, Ark. 72501		
22. John L. Armitage and Co.	245 Thomas Street Newark, N. J. 07114		
<i>Armstrong Cork Co - Memphis, Tenn.</i> <i>Armstrong Cork Co - Chicago, Ill.</i>	Lancaster, PA. 17604	++	
24. Arwood Corp.	Rockleigh Industrial Park Rockleigh, N. J. 07647		

NAME	ADDRESS	DATE MAILED	PER
25. Athens Rubber Company	340 Waterman Ave. Bemond, Rhode Island 02906		
26. Atlas Chemical Industries, Inc.	Wilmington, Delaware 19899		
27. Atlantic Varnish	<i>Atlantic Paint - Gochonville, 71s.</i> 3000 N. Boulevard Richmond, Virginia		
28. BASF Corporation	Borad and 14th Street Carlstadt, N.J. 07072		
29. Bel-Ray Company, Inc.	Box 526 Farmingdale, N. J. 07727		
30. Betosia Corporation	185 Foundry Street Newark, New Jersey 07105		
31. Blair Process	<i># 254</i> 363 North East Avenue Tallmade, Ohio		
32. Borden Chemical	Div. Borden, Inc. 103 Foster Street Peabody, Mass. 01960		
33. Borden Chemical	Div. Borden, Inc. Purchasing Department Middlesex, N. J. 08846		
34. Borden Company	Chemical Div. 58 Nostrand Ave. Brooklyn, N. Y. 11205		
35. C. E. Bradley Labs, Inc.	P. O. Box 811 Brattleboro, Vermont 05301		
36. Brooks Glue Corp.	875 Washington St. Canton, Mass. 02021		

NAME	ADDRESS	MAILED	PER
37. The Brown Bridge Mills Inc.	Troy, Ohio 45373		
38. Bruning Paint Co, Inc.	Fleet and Haven Streets Baltimore, Md 21224		
39. M. A. Bruder & Sons, Inc.	52nd St. and Grays Ferry Avenue Philadelphia, Pa. 19143		
40. Buffalo Solvents & Chemical Company	Box 73 Station B Buffalo, N. Y; 14207		
41. Quality Components, Inc.	Dagusanona, Pa.		
42. R. P. Cargill Labs	55 Commerce Rd Cedar Grove, N. J.		
43. Philip Carey Co	Smith St. & Victory Bridge Perth Amboy, N. J. 08862		
44. Carroll Products, Inc.	150 Marine St Farminigdale L.I. N.Y. 11735		
45. Castrol Oils, Inc.	Continental Plaza 401 Hackensack Ave. Hackensack, N. J. 07601		
46. Cataphote Corporation	Jackson, Miss. 39205		
47. Cellular Products Corp.	18656 Fitzpatrick Detroit, Mich. 48228		
48. Celanese Coatings Co.	Delancy & Rutherford Streets Newark, N. J. 07105		
49. Central-Solvents & Chemicals Co.	31702 Hayman Street Hayward, Calif. 94544		

NAME	ADDRESS	DATE MAILED	PER
50. Central Solvents & Chemical Company	13900 Carmenita Road Santa Fe Springs, California 90670		
51. Central Solvents & Chemical Company	7050 West 71st Street Chicago, Illinois 60638		
52. Central Solvents & Chemical Company	P. O. Box 03158 Portland, Oregon 97302		
53. Central Solvents & Chemical Company	East 6308 Sharp Ave. Spokane, Wash. 99206		
54. Chevron Research Co	555 Market Street San Francisco, Calif. 94120		
55. Chemical Products Corp.	125 Main Avenue East Paterson, N.J. 07407		
56. Cities Service Co	Albi Manufacturing Co 98 East Main Street Rockville, Conn. 06066		
57. Codo Mfg. Corporation	Leetsdale, Pa. 15056		
58. Colonial Press Co	1 Green Street Clinton, Mass. 01510		
59. Columbia Paint & Varnish Co	452 Communipaw Ave. Jersey City, N. J. 07304		
60. Columbia Ribbon and Carbon Manufacturing Co	Glen Cove, N. Y. 11542		
61. Continental Can Company	1200 West 76th St. Chicago, Ill. 60620		

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<u>NAME</u>	<u>ADDRESS</u>	<u>DATE MAILED</u>	<u>PER</u>
62. Con-Lux Paint Products Co	Tallmadge Road Edison, N. J. 08817		
63. Construction Adhesives	63 Governor St. Patterson, N. J.		
64. Continental Can Co, Inc.	975 Glenn Street Van Wert, Ohio 45891		
65. The Conley Corporation	91st Street & Delaware Ave. Tulsa, Oklahoma 74105		
66. Cosden Chemical Coatings Corp. <i>with # 282</i>	P. O. Box 230 Norristown, Pa. 19405		
67. Credo Labs	3449 North Southport Chicago, Illinois 60657		
68. Crystal Kraft, Inc.	900 4th Street Palmetto, Florida 35611		
69. Curtis-Young Corp.	2550 Haddonfield Road Pennsauken, N. J. 08110		
70. Davis Paint Manufacturers Co	P. O. Box 4153 Lynchburg, Virginia 24502		
71. Delsey Sanitation	24 South 41st Street Camden, New Jersey 08105		
72. Del Paint Manufacturing Co	3105 East Reno Street Okla. City, Okla 73117		
73. Dennison Manufacturing Co	Framingham, Mass. 01702		
74. De Soto, Incorporated Chemical Coatings Division	4th and Cedar Streets Berkeley, Calif. 94710		

NAME	ADDRESS	DATE MAILED	PER
75. The Dexter Corporation	Midland Division 31500 Hayman Street Hayward, Calif. 94544		
76. Dixie Solvents & Chemicals Company	Dixie Highway at Appleton Lane Louisville, Kentucky 40216		
77. Doubleday & Co, Inc.	P. O. Box 272 Berryville, Virginia 22611		
78. L. A. Dreyfus Company	P. O. Box 500 South Plainfield, N.J. 07080		
79. E. I. DuPont DeNemours & Co	Chestnut Run Location Centre Road Wilmington, Delaware 19898		
<i>Durkee - Alford, Inc., Ind.</i> 80. Dynasurf Chemicals Corp.	1411-13 Fleet Street Baltimore, Md. 21231		
81. Eastman Kodak Company	Kodak Park Works Rochester, N. Y. 14650		
82. Eaton Allen Corp.	67 Kent Avenue Brooklyn, N. Y. 11211		
83. Emerson & Cuming, Inc.	59 Walpole Street Canton, Mass. 02021		
84. Endicott Johnson Corp.	Endicott, N. Y. 13790		
85. Engineered Yarns, Inc.	372 Main Street Coventry, Rhode Island, 02816		
<i>Envirogonics Co., Paramount, Ca.</i> <i>Epoxylite Corp., Bakersfield, Ca.</i> 86. Epoxylite Corporation	1428 Santa Anita Ave. South El Monte, Calif. 91733		
<i>Enterprise Paint, S. Plainfield, N.J.</i> <i>Here # 242</i>			

NAME	ADDRESS	MAILED	PER
87. Essex Chemical Corp.	1401 Broad Street Clifton, New Jersey 07013		
88. Essex Chemical Corp.	Chemical Division 1401 Broad Street Clifton, N. J. 07015		
89. Exacto Products Corp.	3333 Hammond Avenue Elkhart, Indiana		
90. <i>Cyello Fabric, Cochranton, Pa.</i> Fasson Products	250 Chester Street Painesville, Ohio 44077		
91. Federal Color Laboratories	Sun Chemical Co 4526 Chickering Ave. Cincinnati, Ohio 45232		
92. Felt Products Mfg. Co	7450 No. McCormick Road Skokie, Ill. 60076		
93. <i>Faherfell, Inc. Brownsville, Pa.</i> Ferro Corp.	4150 E. 56 Street Cleveland, Ohio 44105		
94. <i>Fertilizer Corp. Lima, Pa.</i> University of Florida	Gainesville, Florida 32601		
95. <i>Firestone Tire & Rubber Co., Akron, Ohio, Div. # 252</i> Ford Paint & Varnish Co	601 Crosby Street NW Grand Rapids, Mich. 49504		
96. <i>Ford Motor Co #285</i> Form-Eze Systems, Inc.	P. O. Box 3646 Albuquerque, N.M. 87110		
97. Fort Pitt Chemical Co	26th & Smallman St. Pittsburgh, Pa. 15222		
98. <i>Foundry Equipment Prod. Co., Mass. Pa.</i> Fox Valley Marking Systems	4-N 671 Route 59 Bartlett, Ill. 60103		
99. The Franklin Glue Co	2020 Bruck St. Columbus, Ohio 43207		

<u>NAME</u>	<u>ADDRESS</u>	<u>DATE MAILED</u>	<u>PER</u>
100. Freeman Manufacturing	1315 Main Avenue Cleveland, Ohio 44113		
101. Frye Manufacturing Co	P. O. Box 854 Des Moines, Iowa 50304		
102. H. B. Fuller Co.	57 So. Linden Ave. So. San Francisco, Calif. 94080		
103. The H. B. Fuller Co	315 South Hicks Road Palatine, Ill. 60067		
104. H. B. Fuller Co	4819 Industrial Court Cincinnati, Ohio 45217		
105. The H. B. Fuller Co	Industrial Division 2400 Kasota Avenue St. Paul, Minn. 55108		
106. Fusite Corp. <i>Bard St., Elk Grove, Ill.</i>	6000 Fernview Ave. Cincinnati, Ohio 45212		
107. General Electric Co	Ballast Department 1430 East Fairchild St., Danville, Illinois		
108. General Electric Co	305 Eastern Ave. Chelsea, Mass. 02150		
109. General Mills, Inc.	James Ford Bell Tech Center 9000 Plymouth Ave. North Minneapolis, Minn. 55427		
110. General-Electric Co	Laminated Products Dept. Coshocton, Ohio 43812		
111. Gentex Corporation	Maine and Simpson Streets Carbondale, Pa. 18407		

NAME	ADDRESS	DATE MAILED	PER
112. General Printing Ink Co., Inc.	390 Central Avenue East Rutherford, New Jersey		
113. The P. D. George Co <i>Georgia - Inst. - Ind. - Atl. - Fla.</i>	5200 North 2nd St. St. Louis, Mo. 63147		
114. Gibson Homans Co	2366 Woodhill Road Cleveland, Ohio 44106		
115. Gillan Construction Co	P. O. Box 212 Westfield, Mass. 01085		
116. The Gilbert Spruance Co	Richmond & Tioga Streets Philadelphia, Pa 19134		
117. Glidden Durkee Div. of SCM	Pigments & Color Div. 5601 Eastern Avenue Baltimore, Md 21224		
118. Glidden Durkee	Division of SCM Corp 3rd and Bern Streets Reading, Pa 19603		
119. Golden Star Polish Mfg Co. <i>B. F. Goodrich & Co.</i>	400 East 10th Ave. North Kansas City, Missouri 64115		
120. <i>Woodward Inc, St. Mary, Cal.</i> W. R. Grace & Co <i>Goodyear Inc, Niagara Falls, N. Y.</i>	Marco Chem. Div. 1605 W. Elizabeth Ave Linden, N. J. 07036		
121. W. R. Grace & Co. <i>Graniteville Co, B. S. C.</i>	Dewey & Almy Chem. Div. 2133 85th Street North Bergen, N. J. 07047		
122. Sherwin Williams Co	1450 Sherwin Ave. Oakland, Calif.		
123. Great Western Chemical Co	860 Wharf Street Richmond, Calif. 94804		

NAME	ADDRESS	DATE MAILED	PER
124. Great Western Chemical Co	11440 S.W. Tiedeman St. Portland, Oregon 97223		
125. Great Western Chemical Co	6900 Fox Avenue Seattle, Wash. 98108		
126. Gulton Industries	212 Durham Avenue Metuchen, N. J. 08840		
127. <i>Harman Assoc. Inc., S.C.</i> Hardman Incorporated	600 Cortlandt Street Belleville, N. J. 07109		
128. <i>Hart & Co., Inc., Philadelphia, Pa.</i> Hartin Paint & Filler Co.	590 Belleville Turnpike Kearny, N. J. 07032		
129. <i>Washell Chem. Richmond, Va.</i> Hi-Strand Chemicals, Inc.	P. O. Box 368 Lenoir, North Carolina 28645		
130. Hightemp Resins, Inc.	225 Greenwich Ave. Stamford, Conn. 06902		
131. <i>IBM - Lexington, Ky.</i> Hoosier Solvents & Chemicals Co	P. O. Box 283 New Haven, Indiana 46774		
132. <i>Marion Rubber Co., Ft. Worth, Tex.</i> Illinois Adhesives Products Co	3101 South California Ave. Chicago, Ill. 60608		
133. Indurall Coatings, Inc.	P. O. Box 2371 Birmingham, Alabama 35201		
134. <i>Inertech Systems, Clifton, Va.</i> Industrial Latex Co	306 Mount Pleasant Ave. Wallington, New J. 07057		
135. Immont Corporation	Finishes Division P. O. Box 3938 Anaheim, Calif. 92803		
136. Immont Corp.	Presstite Div. P. O. Box 3938 Anaheim, Calif. 92803		

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NAME	ADDRESS	DATE MAILED	PER
137. Inmont Corp.	P. O. Box 659 Newark, N. J. 07101		
138. Insulcoustic Corp.	Jernee Mill Road Sayerville, N. J. 08872		
139. <i>Inertech Systems, Clifton, Va.</i> The University of Iowa	Iowa City, Iowa 52240		
140. <i>Jet-Shapes, Inc.</i> <i>General Iron Finishes, Jamestown, N. J.</i>	Rockleigh Industrial Park Rockleigh, N. J. 07647		
141. John-Manville Products Corp	Research & Engineering Center P. O. Box 159 Manville, N. J. 08835		
142. Jordan Paint Co	7250 Franklin Forest Park, Ill. 60130		
143. Joslyn Mfg. & Supply Co	969 West 37th Place R & D Division Chicago, Ill. 60609		
144. Kaiser Gypsum	Wilber Avenue Antioch, Calif. 94509		
145. Kansas Paint & Color Co	132 North Mosley St. Wichita, Kansas 67202		
146. Keeper Chemical Corp.	1688 Fifth Street Trenton, N. J. 08638		
147. Kee Lox Mfg Co	10 Kee Lox Place Rochester, N. Y. 14608		
148. Kendafil Company	309 West Jackson Blvd. Chicago, Ill. 60606		
149. Kohler McLister Paint Co	P. O. Box 546 Denver, Col. 80201		

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NAME	ADDRESS	DATE MAILED	PER
150. Koppers Co., Inc.	3501 Collins Ave. Richmond, Calif. 94804		
151. Koppers Co., Inc.	Organic Materials Div. 480 Freylinghuysen Ave. Newark, N. J. 07114		
152. Koppers Company	Organic Materials Div. P. O. Box 759 Westfield, N. J. 07091		
153. Koppers Company	Koppers Building Pittsburgh, Pa.		
154. Liquid Nitrogen Processing Corp	412 East King Street Malvern, Pa. 19355		
155. The Lubrizol Corp.	29400 Lakeland Blvd. Cleveland, Ohio 44117		
156. M. R. Plastics & Coatings, Inc.	11460 Dorsett Road Maryland Heights, Mo. 63042		
157. Maas & Waldstein Co	2121 McCarter Highway Newark, N. J. 07104		
158. Magie Brothers Oil Co	9101 Fullerton Ave. Franklin Park, Ill 60131		
159. Magid Corp.	350 Cantor Avenue Linden, N. J. 07036		
160. Manhattan Adhesives Corp.	425 Greenpoint Avenue Brooklyn, N. Y. 11222		
161. Markem Corp.	150 Congress Street Keene, New Hampshire 03431		

→ Meater Builders, Buffalo, N. Y.

NAME	ADDRESS	DATE MAILED	PER
162. McCloskey Varnish Co <i>D</i>	7600 State Road Philadelphia, Pa. 19136		
163. Meloy Laboratories	Springfield, Va.		
164. Mereco Products <i>Metal Cladding H. J. Janszenda, N. J.</i>	Div. Metachem Resins Corp. 1530 Wellington Ave Cranston, R. I. 02910		
165. Minnesota Mining & Mfg Co <i>Midland Ind., Frankton, Ill.</i>	P. O. Box 3121 St. Paul, Minn. 55101		
166. Missouri Solvents & Chemicals Company	25522 Nicholson Ave. Kansas City, Mo. 64120		
167. Mobil Chemical Co	P. O. Box 1388 Plainsfield, N. J.		
168. Mobay Chemical Co <i>Benjamin Moore, New York, N.Y.</i>	New Martinsville, West Virginia 26155		
169. Morgan Adhesives <i>Motacela, Inc. P. O. Box 1000, New York, N.Y.</i>	4560 Darrow Road Stow, Ohio 44225		
170. Mashua Corp.	44 Franklin St. Nashua, N. H. 03060		
171. National Bronze Powder Co	9945 Franklin Ave. Franklin Park, Ill.		
172. The National Chemical & Plastics Co. <i>National Abrasion, Elizabeth, N.J.</i>	1424 Philpot Street Baltimore, Md. 21231		
173. The Nazar Rubber Co <i>New York Bronze, Elizabeth, N.J.</i>	Box 3316 - Station C 2727 Avondale Toldeo, Ohio 43607		
174. Niles Chemical Paint Co	Third and Fort Streets Niles, Mich. 49120		

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From the desk of
J. M. SCHIFFERDECKER

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NAME	ADDRESS	DATE MAILED	PER
175. North American Paint Corp. <i>Smith Electric, Salem, Md.</i>	3504 Rose Avenue Suburb of Asbury Park Wanamassa, N. J. 07072		
176. N.V.F. Company	Lafayette & Cedar St. Kennett Square, Pa. 19348		
177. Ohio Solvents & Chemicals Company	3470 West 140th St. Cleveland, Ohio 44111		
178. Orelube Corp.	126-06 18th Avenue College Point, N.Y. 11356		
179. Paisley Products, Inc.	Div. Standard Brands, Inc. 29 Mack Drive Edison, N. J. 08817		
180. Park Name Plate Co.	34-10 Linden Place Flushing, N. Y. 11354		
181. Pennsylvania Refining Co	2686 Libson Rd. Cleveland, Ohio 44104		
<i>Permuel, New Brunswick, N.J.</i>			
182. Phillips Petroleum Co	Purchasing Dept. Bartlesville, Okla 74004		
<i>Pierre-Henry, Lancaster, Pa.</i>			
183. Photolastic, Inc.	67 Lincoln Highway Malvern, Pa. 19355		
<i>Polychem Corp, Allentown, Pa.</i>			
184. Polyplastex United, Inc.	870 Springfield Road Union, New Jersey 07083		
185. The polymel Corporation	514-516 Ensor Street Baltimore, Md. 21202		
<i>Polymer S Co Longwood, Amherst, Pa.</i>			
186. Polytech Co, Inc.	175 Greenpond Rd. Rockaway, N. J. 07866		
<i>J. H. Potter, Frontville, Va.</i>			

NAME	ADDRESS	DATE MAILED	PER
187. PPG Industries, Inc.	Adhesive Products Div. 225 Belleville Ave Bloomfield, N. J. 07003		
188. Princeton Chemical Research, Inc.	P. O. Box 652 Princeton, N. J. 08540		
189. Products Research and Chemical Corp.	2919 Empire Avenue Burbank, Calif. 91504		
190. <i>Protective Treatment, Dayton, Ohio</i> Purex Corp. Ltd	I & I Products Group 2400 South Main Street Wilmington, Calif. 90745		
<i>New firm exp. 2/44 & 2/84</i>			
191. Randolph Products Co	Carlstadt, N.J. 07072		
192. Raybestos Manhattan <i>Raybestos Corp., P.O. Box 1021, Stratford, Conn. 06497</i>	Raybestos Division P. O. Box 1021 Stratford, Conn. 06497		
193. <i>Refined Prod. Div. - Reynolds</i> Reilly Tar & Chemical Co	11 South Meridian Ave. Merchants Bank Building No. 1615 Indianapolis, Indiana		
<i>Red Spot Paint, Evansville, Ind.</i>			
194. I. Reiss Co, Inc.	120 Bayway Street Elizabeth, N. J. 07202		
195. Reliance Universal, Inc.	Box 4155 Roanoke, Va. 24015		
196. Republic Powdered Metals	2628 Pearl Road Medina, Ohio 44256		
197. Richardson Paint Company	4821 Garden Street Philadelphia, Pa 19137		
<i>Reigel Paper, Reigelstown, N.J.</i>			
198. G. P. Roesser, Inc.	P. O. Box 92 Lahaska, Bucks County, Pennsylvania 18931		

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NAME	ADDRESS	DATE MAILED	PER
199. Rohm and Haas Co <i>Rubber Quality Compounds Inc.</i>	Independence Mall West Philadelphia, Pa 19105		
200. Sampson Paint Mfg Co	<i>Richmond, Va.</i> 301 Hull Street Richmond, Virginia		
201. Eli Sandman Co.	280 Greenwood St. Worcester, Mass. 01601		
202. Schjeldahl Company	Northfield, Minn. 55057		
203. Schwartz Chemical Co	50-01 2nd Street Long Island City, N. Y. 11101		
204. Seaboard Products Co	Products Drive Texas, Maryland 21030		
205. Sherwin Williams Co <i>pick up # 122</i>	P. O. Box 6027 Cleveland, Ohio		
206. Silibond Products Inc.	96 Summer Street Arlington, Mass. 02174		
207. Smith Construction Supply	P. O. Box 671 Jonesboro, Ga. 30236		
208. The Smith-Alsep Paint & Varnish Co	630 North Third Street Terre Haute, Ind. 47801		
209. Solar Compounds Inc.	P. O. Box 227 Linden, New Jersey		
210. Someborn Building Products, Inc.	Hancock Avenue Belleville, N. J. 07109		
211. Southern Solvents & Chemicals Corp.	P. O. Box 4067 Carrollton Station New Orleans, La. 70118		

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NAME	ADDRESS	DATE MAILED	PER
212. Southern Adhesives Corp.	P. O. Box 3498 Richmond, Va. 23234		
213. <i>Scottland Chem. Co. Inc. Va.</i> Sovereign Chemical Corp.	180 East Railway Ave. Patterson, N. J.		
214. Specialty Coatings Co	2500 North Delta Lane Elk Grove Village, Ill. 60007		
215. Standard Brands Chemical Ind. Inc.	Cheswold, Delaware 19936		
216. Standard Brands Chemical Ind. Inc.	P. O. Drawer K Dover, Delaware 19901		
217. Staley Chemical Co	320 Schuyler Avenue Kearny, N. J. 07032		
218. <i>Star Chem Co. Dallas, Tex</i> St. Regis Paper Co	150 East 42nd Street New York, N. Y. 10017		
219. Standard T Chemicals, Inc.	2600 Richmond Terrace Staten Island, N. Y. 10303		
220. Standard T Chemical	P. O. Box 47483 Dallas, Texas 75247		
221. Stresen-Reuter International	International Minerals & Chemical Corp. 400 West Roosevelt Ave. Bensenville, Ill. 60106		
222. <i>Sullivan Co. Memphis, Tenn</i> Sun Chemical Corp.	General Printing Ink Div. 390 Central Avenue East Rutherford, N.J. 07073		
223. Sun Flo Paint Co	212 Forest Avenue Amsterdam, N. Y. 12010		

NAME	ADDRESS	DATE MAILED	PER
224. Sun Oil Company Refinery	P. O. Box 395 Marcus Hook, Pa. 19061		
225. Superior Lacquer Co, Inc.	P. O. Box 508 Toccoa, Ga. 30577		
226. Super Tire Engineering Co	7255 Crescent Blvd. Camden, N. J. 08101		
227. Superior Varnish & Drier Co	Box 1310 Merchantville, N.J. 08109		
228. <i>Aetherland Co, Memphis, Tenn.</i> Swift Chemical Company	Adhesives & Coatings Div. P. O. Box 58007 Vernon, Calif. 90058		
229. Swift Chemical Co	Division of Swift & Co. 8 Parish Drive Madison, Ill. 62060		
230. Taurus Chemical Corp.	Canoga & Bradley Streets Auburn, New York 13021		
231. Technical Coatings Co	134 Lister Avenue Newark, N. J. 07105		
232. Technical Tape Corp	240 North Avenue New Rochelle, N.Y. 10801		
233. <i>Johnson & Co, Newark, N.J.</i> Tennessee Eastman Company	Div. of Eastman Kodak Kingsport, Tenn. 37662		
234. <i>Terrell Corp</i> Terrell Corp	820 Woburn Street Millington, Mass. 01887		
235. <i>Texas Solvents & Chemicals Company</i> Texas Solvents & Chemicals Company	2500 Vinson Street Dallas, Texas		

Wytone Exacts, Elkhart, Ind.

NAME	ADDRESS	DATE MAILED	PER
236. Thiokol Chemical Corp.	P. O. Box 1296 Trenton, N. J. 08607		
237. Tibbals Flooring Inc. <i>T.D. 7-27 P.O. Box 405, Union, N.J.</i>	Oneida, Tenn. 37841		
238. Titanine, Inc. <i>Transmont Hwy - Titusville, Pa.</i>	Div. of Seagram Corp. P. O. Box 405 Union, N. J. 07083		
239. Tremco Mfg Co.	10701 Shaker Blvd. Cleveland, Ohio 44104		
240. Ultrachem Inc.	1400 North Walnut Street Wilmington, Delaware 19899		
✓ 241. American Mineral Park	17 Executive Park Dr NE Atlanta, Ga 30329		
✓ 242. Eranel Services	285 Wellsville Ave New Milford, Conn.		
✓ 243. American Mineral Spirits Co	3033 N. W. North River Drive Miami, Florida 33142		
✓ 244. Protective Coatings	807 N. Fremont Ave. Tampa, Florida		
✓ 245. American Mineral Spirits Co	2275 Tucker Industrial Blvd. Tucker, Ga.		
246. Universal Oil Products Corp.	Des Plaines, Ill. 60016		
247. Union Carbide Corp.	Southwest Accounting Center P. O. Box 471 Texas City, Texas 77591		
✓ 248. American Mineral Spirits Co	2335 Thrift Road Charlotte, N.C.		

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NAME	ADDRESS	DATE MAILED	PER
249. Union Carbide Corp.	Plastics Division River Road Bound Brook, N. J. 08805		
250. American Metal Seal Co	509 Washington Ave Carlstadt, N.J.		
251. Union-Amsco, Amsco Div	Div Union Oil Co of Calif. 350 Roosevelt Ave. Carteret, N. J.		
252. <i>Vanilla Labs, Rochester, N.Y.</i> Flintkote Co	Oak and Central Ave. East Rutherford, N. J.		
253. Tex-Chem Co	20-21 Wagaraw Rd Fair Lawn, N. J.		
254. Birk Paint Co	236 Kearny Avenue Jersey City, N. J.		
255. Mahid Corporation	350 Cantor Avenue Linden, N. J.		
256. United Lacquer Manufacturing	1001 West Elizabeth Ave. Linden, N. J. 07036		
257. Construction Compounds Inc.	55 Micola Place Nutley, N. J.		
258. United Resin Products, Inc.	100 Sutton Street Brooklyn, N. Y. 11222		
259. Cloverleaf Paint	43-43 Vernon Blvd. Long Island City, N. Y.		
260. Arguoso and Co., Inc.	442 Waverly Avenue Manaroneck, N. Y.		

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NAME	ADDRESS	DATE MAILED	PER
261. <u>Alloys Unlimited Inc.</u>	320 Long Island Expressway Sq. Millville, N.Y. 11746		
262. Union Carbide Corp.	Carbon Products Div. P. O. Box 6087 Cleveland, Ohio 44101		
263. Union-Amsco, Amsco Div.	Colwells Lane Conshohocken, Pa.		
264. <u>Harleco Chemicals</u>	60th & Woodland Ave. Philadelphia, Pa.		
265. Union Amsco, Amsco Div.	Div. of Union Oil of Calif. 255 Allens Avenue Providence, Rhode Island 02905		
266. <i>United Shoe Machine</i> <i>Kenton, Tenn.</i> The United Paint Co.	Paintmakers P. O. Box 9037 Memphis, Tenn. 38109		
267. Urecal Corporation <i>Uniregal, Milwaukee, Wis.</i> <i>Urecon Corp. Detroit, Mich.</i>	562 Vista Avenue Addison, Ill. 60101		
268. U.S. Govt-Edgewood Arsenal	Finance & Accounting Officer Bldg. 5238 Edgewood, Md. 21010		
269. USM Corporation	Chemical Division Middleton, Mass. 01949		
270. USS Chemicals	Div. of United States Steel Corp. Pittsburgh, Pa. 15225		
271. The Valspar Corp.	200 Sayre Street Rockford, Ill. 61101		

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<u>NAME</u>	<u>ADDRESS</u>	<u>DATE MAILED</u>	<u>PER</u>
272. Valspar Corp.	1101 South Third St. Minneapolis, Minn. 55415		
273. Vitricon, Inc.	25-29 50th Street Woodside, N.Y. 11377		
274. Warsaw Chemical Co	Argonne Road Warsaw, Indiana		
275. Western Electric Co, Inc.	Manufacturing Division Voucher Dept. 3157 Hawthorne Station Chicago, Ill. 60623		
<i>John H. Miller & Son, Burlington, Iowa</i> 276. The Bruce Williams Laboratories	P. O. Box 169 Joplin, Missouri		
277. Bostrum Division Universal Oil Products	133 West Oregon Street Milwaukee, Wisconsin		
<i>Hall - Erickson, Chicago, Ill.</i> 278. Wisconsin Solvents & Chemicals Corp.	1719 South 83rd St. Milwaukee, Wis. 53214		
279. Wolverine Solvents & Chemicals Corp.	2940 Stafford Ave. S.W. Grand Rapids, Mich. 49508		
280. World Carpets Inc.	431 South Green Street Dalton, Georgia 30720		
281. Yates Manufacturing Co	1615 West 15th Street Chicago, Illinois 60608		
282. Cosmo Wheel Incorporated	651 South Market St. Waukegan, Ill. 60085		
283. Walter International Corp.	P. O. Box 6099 New Orleans, La. 70114		