



CANADA

# THE PAINTS, VARNISHES AND LACQUERS INDUSTRY, 1956

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**NOTICE**

The annual reports prepared by the Industry and Merchandising Division of the Bureau of Statistics are divided into 3 volumes, as follows: **Volume I** - The Primary Industries, including mining, forestry and fisheries; **Volume II** - Manufacturing; **Volume III** - Merchandising and Services. The volumes are made up of parts, and the parts in turn are subdivided according to the industries or provinces which they comprise.

Volume II consists of the following parts, the first two of which deal with manufacturing as a whole and the balance with the major manufacturing groups.

- I - General Review of the Manufacturing Industries, \$1.50
- II - The Manufacturing Industries of Canada, (7 sections, as follows:)
  - Section A. Summary for Canada, 25¢
  - Section B. Atlantic Provinces, 50¢
  - Section C. Quebec, 25¢
  - Section D. Ontario, 25¢
  - Section E. Prairie Provinces, 40¢
  - Section F. British Columbia, 25¢
  - Section G. The Manufacturing Industries of Canada, Regional Distribution, 75¢
- III - Foods and Beverages
- IV - Tobacco and Tobacco Products
- V - Rubber Products
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- VII - Textile Mills
- VIII - Knitting Mills
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- X - Wood and Paper Products
- XI - Printing Trades
- XII - Iron and Steel Products
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- XIV - Non-ferrous Metal Products
- XV - Electrical Apparatus and Supplies
- XVI - Non-metallic Mineral Products
- XVII - Products of Petroleum and Coal
- XVIII - Chemicals and Allied Products
- XIX - Miscellaneous Manufactures

The present report belongs in Part XVIII, Chemicals and Allied Products. It is punched to permit of filing in a ring binder along with others of the group. The reports in this group are:

- A - General Review, 25¢
- B - The Acids, Alkalies and Salts Industry, 25¢
- C - The Fertilizers Industry, 25¢
- D - The Fertilizer Trade in Canada, 25¢
- E - The Medicinal and Pharmaceutical Preparations Industry, 25¢
- F - The Paints, Varnishes and Lacquers Industry, 25¢
- G - The Primary Plastics Industry, 25¢
- H - The Soaps, Washing Compounds and Cleaning Preparations Industry, 25¢
- I - The Toilet Preparations Industry, 25¢
- J - The Vegetable Oils Industry, 25¢
- K - The Inks Industry, 25¢
- L - The Adhesives Industry, 25¢
- M - The Polishes and Dressings Industry, 25¢
- N - The Compressed Gases Industry, 25¢
- O - The Coal Tar Distillation Industry, 25¢
- P - The Miscellaneous Chemical Products Industry, 25¢

# THE PAINTS, VARNISHES AND LACQUERS INDUSTRY, 1956

Manufacturers of paints and varnishes reported factory shipments of \$126,312,114 in 1956 compared with \$117,184,189 in 1955.

This industry covers establishments which were primarily engaged in manufacturing paints (in paste, powder or ready-mixed forms), varnishes, lacquers, enamels and shellac. It includes as well firms making putty, stains and paint thinners as a main product. A total of 126 plants was included in this group during 1956, distributed by provinces as follows: Ontario, 69; Quebec, 34; British Columbia, 13; Manitoba, 5; Nova Scotia, 2 and 1 each in Newfoundland, New Brunswick and Alberta. Works in Ontario accounted for 55 per cent of the total shipments and establishments in Quebec for about 31 per cent.

The concerns in this industry make paints and varnishes as their main products, but they also manufacture other lines, such as dry colours, floor wax, auto polish, etc., as a secondary part of their business. On the other hand, some companies which have been classified to other industrial groups make some paint products as minor products. The total Canadian output of some of the leading paint products (including the amounts from other industries) was as follows in 1956: 20,698,000 gallons of ready-mixed paints at \$82,588,000; 4,141,000 gallons of varnishes at \$10,891,000; 2,711,000 gallons of lacquers at \$8,502,000; 2,571,000 pounds of paste paints at \$633,000; water paints (including latex emulsion paints) at \$11,864,000; 12,581,000 pounds of putty at \$1,007,000 and 2,611,000 gallons of thinners at \$3,496,000.

**Note:** Figures for value added by manufacture, shown in Table 1, prior to 1952 were obtained by subtracting the cost of materials used, including fuel and electricity, from the value of production. In 1952 the gross value of production was replaced by value of factory shipments, f.o.b. plant. As no information on inventory change is available for 1952 and 1953, value added figures for these years were obtained by subtracting from the value of shipments the cost of materials, fuel and electricity. In 1954 and later years information on the value of year-end inventory holdings at plant and plant warehouses was collected as part of the annual Census of Industry and information thus made available was taken into account in calculating the value added figures.

**TABLE 1. Principal Statistics of the Paints, Varnishes and Lacquers Industry, Significant Years, 1929-1956 and by Provinces, 1955 and 1956**

Year and province	Estab-lish-ments	Em-ployees	Salaries and wages	Cost of fuel and electricity at plant	Cost of materials at plant	Value added by manufacture <sup>1</sup>	Gross selling value of products <sup>1</sup>
	No.	No.	\$	\$	\$	\$	\$
1929 .....	69	2,851	4,260,019	351,664	12,414,829	14,336,972	27,103,465
1933 .....	78	2,540	3,464,947	247,067	6,153,836	8,495,790	14,896,693
1937 .....	82	3,324	4,827,199	305,775	12,307,011	12,918,331	25,531,117
1939 .....	93	3,540	5,311,616	331,316	12,080,774	13,443,416	25,855,506
1944 .....	97	4,821	8,662,357	521,600	24,789,289	23,796,543	49,107,432
1946 .....	98	5,006	8,847,406	466,512	28,733,401	27,529,707	56,729,620
1949 .....	112	6,035	14,137,815	622,236	42,427,832	39,810,432	82,860,500
1952 .....	116	5,784	17,220,333	732,978	53,118,889	53,554,297	107,406,164
1953 .....	122	5,887	19,237,809	756,392	55,144,047	57,347,366	113,247,805
1954 .....	124	5,719	19,624,624	831,292	55,060,771	51,899,254	107,727,373
<b>1955</b>							
Quebec .....	35	2,256	8,150,117	240,815	18,291,768	19,235,970	37,226,609
Ontario .....	65	2,933	10,069,419	519,861	33,252,833	32,317,980	64,636,171
Manitoba .....	5	239	665,450	31,859	2,609,470	1,820,098	4,602,929
British Columbia .....	12	423	1,508,361	60,310	4,362,684	3,748,762	8,376,659
Newfoundland .....	1	143	375,114	22,107	1,268,334	1,123,187	2,341,821
Nova Scotia .....	2						
New Brunswick .....	1						
Alberta .....	1						
Canada .....	122						
<b>1956</b>							
Quebec .....	34	2,358	8,891,531	266,233	19,974,573	18,701,974	38,843,285
Ontario .....	69	2,991	11,137,212	569,755	35,829,386	32,620,848	69,268,016
Manitoba .....	5	251	708,784	38,215	3,115,581	2,624,393	5,716,591
British Columbia .....	13	458	1,575,491	71,651	4,761,787	5,202,415	9,744,969
Newfoundland .....	1	153	400,327	24,071	1,474,561	1,289,120	2,739,253
Nova Scotia .....	2						
New Brunswick .....	1						
Alberta .....	1						
Canada .....	126						

1. See footnote to Text.

**Note.** Profits or losses cannot be calculated from above figures as data are not available for general expense items, such as interest, rent, depreciation, taxes, insurance, advertising, etc.



TABLE 2. Inventories<sup>1</sup> in the Paints, Varnishes and Lacquers Industry, 1956

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
	\$	\$	\$	\$
Opening:				
Quebec .....	3,039,649	212,162	4,864,196	8,116,007
Ontario .....	4,726,784	1,225,337	7,314,037	13,266,158
Manitoba .....	599,411	44,744	784,324	1,428,479
British Columbia .....	929,113	114,770	1,032,616	2,076,499
Other provinces .....	444,153	6,648	230,468	681,269
<b>Canada .....</b>	<b>9,739,110</b>	<b>1,603,661</b>	<b>14,225,641</b>	<b>25,568,412</b>
Closing:				
Quebec .....	3,066,540	213,252	4,962,601	8,242,393
Ontario .....	5,012,795	1,312,488	6,978,859	13,304,142
Manitoba .....	698,223	40,793	849,873	1,588,889
British Columbia .....	1,072,266	113,748	1,324,522	2,510,536
Other provinces .....	432,177	4,727	280,888	717,792
<b>Canada .....</b>	<b>10,282,001</b>	<b>1,685,008</b>	<b>14,396,743</b>	<b>26,363,752</b>

1. (a) Book value of all manufacturing inventories owned and held at plant and plant warehouses.

(b) Beginning with 1954, information on the value of year-end inventory holdings at plant and plant warehouses is being collected as part of the annual Census of Industry. These data were formerly collected by a separate survey. The summarized results for the Paints, Varnishes and Lacquers Industry for the year under review are shown in the above table.

(c) The opening inventory for 1956 does not necessarily agree with the closing inventory for 1955 because of revisions such as the addition of new plants, the transfer of plants to other industries and plants going out of business. However, the value added figures for the previous year have not been recalculated to allow for the revisions mentioned above.

TABLE 3(a). Products Made<sup>1</sup> in the Paints, Varnishes and Lacquers Industry, 1955

Product	Unit of measure	Quantity	Value of factory shipments
			\$
Paste paints (not including water-paste paints) .....	lb.	2,437,806	595,498
Water-thinned paints:			
Resin emulsion paints, paste and semi-paste form:			
Interior .....	Imp. gal.	127,096	441,249
Exterior .....	"	11,445	34,979
Cold water paints:			
Interior, casein and protein bound:			
Dry and semi-paste form .....	Imp. gal.	20,597	43,616
Dry powder form .....	lb.	990,805	108,215
Glue-bound .....	"	227,843	20,878
Exterior:			
Casein and protein bound .....	"	280,109	39,435
Lime or cement bound .....	"	1,834,518	291,384
Texture-type water paints .....	"	1,144,158	101,065
Latex emulsion paints .....	Imp. gal.	2,522,112	9,528,122
Calcimines:			
Hot water .....	lb.	797,211	105,742
Cold water .....	"	168,490	19,284
Lacquers:			
Clear .....	Imp. gal.	1,664,662	4,344,913
Pigmented .....	"	983,678	3,781,832
Ready-mixed paints (including asphalt and tar paints) .....	"	11,664,161	42,209,118
Ready-mixed enamels, oil and synthetic types .....	"	8,067,660	35,146,665
Stains:			
Oil, spirit, varnish, creosote .....	"	346,891	930,629
Varnishes (including japans, shellac and driers) sold as such .....	"	3,126,647	7,938,925
Floor wax .....	—	—	96,368
Oils:			
Boiled linseed, core, stand, blown and enamel .....	—	—	96,977
Paint and varnish removers .....	Imp. gal.	126,093	345,008
Patching materials:			
For walls .....	lb.	6,615,021	615,675
For floors .....	"	166,958	25,803
Putty .....	"	9,723,789	693,302
Thinners:			
Lacquer, paint and enamel .....	Imp. gal.	2,500,377	3,366,551
Wall size and other sizing materials .....	lb.	147,100	35,513
All other products <sup>2</sup> .....	—	—	6,227,442
<b>Total value of products .....</b>	<b>—</b>	<b>—</b>	<b>117,184,189</b>

See footnotes to Table 3(b), page 5.

TABLE 3(b). Products Made<sup>1</sup> in the Paints, Varnishes and Lacquers Industry, 1956

Product	Unit of measure	Quantity	Value of factory shipments
			\$
Paste paints (not including water-paste paints) .....	lb.	2,570,561	632,963
Semi-paste paints (not including water-thinned type) .....	Imp. gal.	18,856	65,272
Ready mixed paints and enamels — Exterior type .....	Imp. gal.	8,701,661	34,104,517
Interior type .....	Imp. gal.	11,432,206	47,596,591
Water-thinned paints and enamels:			
Latex base emulsion paints .....	Imp. gal.	2,460,110	9,810,333
Resin and other bases emulsion paints (paste and semi-paste) .....	Imp. gal.	421,068	1,345,108
Casein and other protein bound, glue bound:			
Dry .....	lb.	1,245,743	165,667
Paste and semi-paste .....	Imp. gal.	27,826	63,675
Plastic texture, paste and dry .....	lb.	271,230	33,453
Calcimines .....	lb.	461,858	38,829
Lime and cement bound .....	lb.	1,741,535	245,854
Other water-thinned paints .....	—	—	78,799
Lacquers — Cellulose types .....	Imp. gal.	2,241,048	6,789,970
Non-cellulose types .....	Imp. gal.	459,647	1,663,957
Stains (including varnish stains) .....	Imp. gal.	320,136	943,332
Thinners and reducers .....	Imp. gal.	2,610,925	3,495,526
Varnishes (for interior and exterior use including shellac varnish, natural and synthetic resin base varnishes, japans, etc. but excluding next item) .....	Imp. gal.	3,435,855	8,704,640
Insulating varnishes, electrical types .....	Imp. gal.	312,562	803,625
Dopes, cellulose nitrate and other dopes .....	Imp. gal.	17,000	46,857
Brushes cleaners .....	—	—	11,988
Colours in oil (except white lead) .....	Imp. gal.	59,685	310,233
Dry colours .....	lb.	663,957	338,760
Floor wax — paste .....	lb.	37,770	10,702
Liquid .....	Imp. gal.	37,292	75,786
Oils — Boiled linseed, core, stand, blown and enamel .....	Imp. gal.	70,308	83,616
Paint and varnish removers .....	Imp. gal.	127,128	349,042
Patching materials — For walls .....	lb.	5,412,023	522,928
For floors .....	lb.	418,465	76,192
Wood and metal sash putties .....	lb.	11,057,797	903,645
Wall size and other sizing materials .....	lb.	131,452	31,128
All other products <sup>2</sup> .....	—	—	6,969,126
<b>Total value of shipments .....</b>	<b>—</b>	<b>—</b>	<b>126,312,114</b>

1. Because of a change in classification, figures for some of the products shown above for 1956 are not strictly comparable with those shown for 1955.

2. Includes data for items reported by less than three firms, such as caulking materials, auto polish, furniture polish, etc.

TABLE 4(a). Materials Used<sup>1</sup> in the Paints, Varnishes and Lacquers Industry, 1955

Material	Quantity	Cost at works
	pounds	\$
<b>Prime pigments:</b>		
White:		
Antimony oxide .....	101,901	26,616
Basic carbonate white lead - dry .....	1,228,904	234,540
Basic carbonate white lead - in oil .....	286,700	59,023
Basic silicate white lead .....	1,170,703	239,313
Basic sulphate white lead .....	177,030	30,319
Lithopone (30% zinc sulphide) .....	3,729,474	330,441
Titanium dioxide .....	23,273,335	5,789,923
Extended titanium dioxide pigments .....	27,871,290	2,752,536
Zinc oxide - lead-free .....	5,102,047	682,289
Zinc oxide - leaded .....	1,189,065	173,239
Other white pigments .....	2,194,048	85,687
Black:		
Lampblack .....	143,469	27,464
Bone black .....	70,869	14,335
Carbon black .....	313,216	95,670
Graphite .....	109,994	9,359
Other black pigments .....	89,585	20,145
Coloured:		
C.P. Chrome yellows and oranges .....	1,237,909	446,283
Chrome yellows and oranges (extended) .....	220,502	83,214
Zinc chromate .....	571,271	166,036
Other yellow and orange pigments .....	555,042	363,726
C.P. Chrome greens .....	776,698	349,849
Chrome greens (extended) .....	195,828	74,439
Other green pigments .....	198,912	262,843
Toluidine reds .....	408,966	490,654
Para reds .....	155,221	112,156
Other organic red pigments .....	214,158	361,482
Iron blues .....	163,769	96,610
Ultramarine blues .....	205,146	80,704
Other blue pigments .....	117,175	271,294
Iron oxides .....	4,595,932	407,762
Ochres, siennas, umbers .....	441,155	55,745
Red lead, including orange mineral .....	996,622	201,206
Litharge .....	482,344	83,721
Metallic powders (aluminum, bronze, etc.) .....	1,127,319	523,506
All other coloured pigments .....	298,532	273,797
<b>Extender pigments:</b>		
Aluminum stearate .....	200,430	72,741
Asbestine or talc .....	15,744,398	379,837
Barytes .....	1,925,420	63,790
Blanc fixe .....	899,498	35,576
Calcium carbonate (whiting and chalk) .....	26,132,519	467,877
Calcium sulphate (gypsum) .....	1,969,781	27,887
Kaolin or china clay .....	3,268,198	71,665
Mica .....	1,721,152	94,953
Silica sand and ground quartz .....	2,639,364	67,619
Other extender pigments .....	6,015,327	406,481
<b>Oils:</b>		
Linseed oil:		
Raw .....	12,311,251	1,589,392
Boiled .....	12,017,608	1,825,362
Blown .....	2,567,981	410,267
Heat-bodied .....	5,603,183	889,130
Processed:		
Polymerol .....	645,830	113,512
Varnol .....	513,116	107,521
Castor oil:		
Raw .....	820,693	124,984
Dehydrated .....	1,148,444	241,699
Chinawood (tung) oil .....	3,892,270	948,875
Fish oils .....	202,706	31,879
Oiticica oil .....	95,570	15,977
Soyabean oil .....	6,330,563	958,669
Tall oil .....	873,529	79,880
Other oils .....	2,657,378	324,718

See footnote to Table 4(b), page 10.



TABLE 4(a). Materials Used<sup>1</sup> in the Paints, Varnishes and Lacquers Industry, 1955 - Concluded

Material	Quantity	Cost at works
	Pounds	\$
<b>Resins:</b>		
Natural:		
Copal.....	39,772	7,722
Manilla.....	102,495	33,362
Damaar.....	63,375	20,304
Kauri.....	4,167	897
Rosin.....	3,542,619	345,910
Other.....	420,945	53,989
Synthetic:		
Ester gum.....	1,847,758	314,573
Maleics.....	1,534,753	329,347
Pure phenolics.....	546,831	230,706
Modified phenolics.....	2,278,584	584,623
Alkyds.....	25,631,102	5,012,720
Amines.....	1,547,760	453,512
Other.....	3,214,139	852,855
Shellac:		
Orange.....	181,794	93,543
Bleached.....	701,150	411,408
Other.....	159,205	62,509
<b>Solvents:</b>		
Turpentine.....	2,476,742	197,219
Petroleum distillates.....	85,338,443	3,000,104
Toluol.....	12,140,119	634,238
Xylol.....	8,184,873	443,806
Benzol.....	1,009,515	60,167
Coal tar solvents, not elsewhere specified.....	3,791,908	213,111
Acetone.....	628,157	73,322
Amyl acetate.....	503,857	86,554
Butyl acetate.....	3,821,028	581,090
Ethyl acetate.....	3,333,199	428,766
Alcohol, ethyl (denatured or not).....	3,072,140	278,717
Alcohol, methyl (wood or methylated spirits).....	610,157	67,406
Alcohol, isopropyl.....	663,494	61,947
Creosote.....	435,403	27,934
Amyl alcohol (fusel oil).....	3,369	659
Butyl alcohol.....	2,350,842	332,479
Dibutyl phthalate.....	267,381	87,475
Other plasticizers.....	395,039	143,579
Methyl ethyl ketone.....	553,711	77,131
Other paint, varnish and lacquer solvents.....	6,317,048	1,051,592
<b>Driers:</b>		
Naphthenates.....	2,176,437	620,427
Resinates.....	27,475	5,755
Linoleates.....	18,410	6,063
Other driers.....	384,541	105,852
<b>Miscellaneous:</b>		
Latex emulsion.....	9,452,717	1,543,676
Pentaerythritol.....	1,651,526	533,943
Phthalic anhydride.....	6,441,897	1,185,213
Glycerine.....	1,637,544	555,842
Asphalt.....	5,301,187	113,605
Pitch, coal tar.....	2,885,353	100,775
Varnishes.....	3,755,616	618,889
Wax:		
Beeswax.....	39,675	10,178
Carnauba.....	26,005	19,034
Paraffin.....	181,897	18,384
Other.....	81,045	28,278
Casein.....	746,559	171,857
Glue.....	297,491	66,347
Nitrocellulose.....	2,792,656	844,433
Chlorinated rubber.....	200,594	116,472
Ethyl cellulose.....	56,666	37,649
All other materials and process supplies.....	-	4,449,353
Containers (metal, fibre, glass).....	-	5,782,596
Packing material (cartons, boxes, crates).....	-	1,568,975
<b>Total cost of materials.....</b>	<b>-</b>	<b>59,785,089</b>

See footnote to Table 4(b), page 10.

TABLE 4(b). Materials Used<sup>1</sup> in the Paints, Varnishes and Lacquers Industry, 1956

Materials	Quantity	Cost at works
	pounds	\$
<b>Prime pigments:</b>		
White:		
Antimony oxide .....	78,808	19,639
Basic carbonate white lead - dry .....	1,223,415	242,320
Basic carbonate white lead - in oil .....	246,137	54,215
Basic silicate white lead .....	1,049,634	216,897
Basic sulphate white lead .....	138,957	27,083
Lithopone (30% zinc sulphide) .....	3,633,028	334,928
Titanium dioxide .....	25,450,658	6,771,512
Extended titanium dioxide pigments .....	29,197,887	3,072,693
Zinc oxide - lead free .....	5,203,263	781,625
Zinc oxide - leaded .....	832,660	139,251
Other white pigments .....	1,929,363	99,551
Black:		
Lampblack .....	140,180	31,752
Bone black .....	68,306	13,338
Carbon black .....	545,504	125,226
Graphite .....	173,520	20,331
Other black pigments .....	69,066	19,173
Coloured:		
Chrome yellow and orange pigments .....	1,626,035	613,306
Cadmium yellow and orange pigments .....	39,345	59,638
Organic yellow and orange pigments .....	344,400	210,897
Other yellow and orange pigments .....	604,138	292,045
Chrome green pigments .....	825,621	340,245
Chromium oxide and hydrated green pigments .....	146,748	82,159
Phthalocyanine greens .....	55,275	226,408
Other green pigments .....	79,043	53,916
Iron blues .....	138,330	95,181
Phthalocyanine blues .....	81,608	160,042
Other blue pigments .....	191,307	134,017
Lithol reds .....	21,708	21,456
Toluidine reds .....	402,118	490,486
Para reds .....	120,678	122,974
Cadmium red and maroon pigments .....	31,511	125,674
Other red and maroon pigments .....	361,767	351,958
Iron oxides (See item immediately below) .....	4,331,533	430,797
Ochres, siennas, umbers (not including item immediately above) .....	440,056	52,053
Red lead, including orange mineral .....	1,483,792	299,631
Litharge .....	446,068	70,207
Metallic powders (aluminum, bronze, etc.) .....	1,080,835	547,847
All other coloured pigments .....	273,259	228,850
<b>Extender pigments:</b>		
Aluminum stearate .....	237,289	84,411
Asbestine or talc .....	14,871,294	392,565
Barytes .....	1,738,993	63,416
Bentonite .....	281,409	32,588
Blanc fixe .....	944,393	27,175
Calcium carbonate (whiting and chalk) .....	28,217,927	453,735
Calcium stearate .....	38,916	15,110
Calcium sulphate (gypsum) .....	2,091,787	34,058
Celite .....	951,506	59,291
Cement (portland) .....	1,703,390	49,403
Diatomaceous earth .....	249,119	11,248
Kaolin or china clay .....	3,344,148	81,797
Mica .....	1,652,031	98,024
Silica sand and ground quartz .....	2,488,158	60,226
Zinc stearate .....	53,232	22,306
Other extender pigments .....	4,292,036	326,845
<b>Oils:</b>		
Linseed oil:		
Raw .....	11,129,133	1,727,893
Boiled and refined .....	12,024,469	2,007,728
Blown .....	2,170,692	381,570
Heat-bodied .....	5,043,721	938,566
Processed:		
Polymerol .....	480,939	114,044
Varnol .....	326,233	75,866
Castor oil:		
Raw .....	947,543	159,735
Dehydrated .....	1,233,260	298,702

See footnote on page 10.



TABLE 4(b). Materials Used<sup>1</sup> in the Paints, Varnishes and Lacquers Industry, 1956 - Continued

Materials	Quantity	Cost at works
	pounds	\$
<b>Oils - concluded:</b>		
Chinawood (tung) oil .....	3,536,473	920,949
Fish oils .....	326,663	52,535
Oiticica oil .....	108,947	19,606
Perilla oil .....	112,000	28,000
Silicone oil .....	11,330	16,936
Soya bean oil .....	6,853,144	1,117,571
Sunflower oil .....	—	—
Tall oil .....	1,143,120	119,117
Other oils .....	2,747,489	314,939
<b>Resins:</b>		
Natural:		
Copal .....	380,495	82,909
Manilla .....	58,668	17,019
Damaar .....	82,233	26,401
Kauri .....	4,508	916
Rosin .....	2,762,699	304,790
Other .....	477,618	105,266
Synthetic:		
Acrylic .....	492,295	119,977
Styrenated alkyds .....	1,112,902	274,704
Other alkyds .....	24,308,778	4,852,488
Amines .....	1,385,643	451,289
Coumarone - indene .....	331,146	57,493
Epoxys .....	335,426	119,303
Ester gum .....	1,735,154	313,221
Limed rosin .....	376,466	65,956
Maleics .....	1,318,648	293,405
Pure phenolics .....	711,705	311,567
Modified phenolics .....	2,329,042	620,159
Urea-formaldehyde .....	513,560	108,347
Vinyls .....	882,913	401,369
Other .....	2,604,022	685,896
Shellac:		
Orange .....	224,314	107,549
Bleached .....	692,272	401,196
Other .....	193,106	77,391
<b>Solvents:</b>		
Acetone .....	810,061	92,143
Alcohol:		
Amyl (fusel oil) .....	20,067	2,421
Butyl (including isobutyl) .....	2,238,678	334,041
Ethyl (denatured or not) .....	2,897,002	277,259
Isopropyl .....	987,183	82,223
Methyl (wood or methylated spirits) .....	537,800	63,610
Amyl acetate .....	398,867	66,069
Butyl acetate .....	4,197,407	687,155
Butyl carbitol .....	14,272	4,099
Butyl cellosolve .....	169,866	43,673
Butyl lactate .....	39	26
Cellosolve acetate .....	159,861	39,370
Coal tar solvents:		
Benzol .....	1,126,593	78,151
Toluol .....	13,762,634	728,929
Xylol .....	9,109,415	500,268
Other coal tar solvents .....	4,185,708	225,168
Creosote .....	287,148	17,883
Dibutyl phthalate .....	267,170	83,788
Ethyl acetate .....	3,577,760	495,002
Ethyl lactate .....	8,510	2,693
Methylene chloride .....	231,813	35,186
Methyl amyl acetate .....	314,677	51,207
Methyl ethyl ketone .....	573,493	90,363
Methyl isobutyl ketone .....	1,833,707	188,386
Petroleum distillates .....	84,060,209	3,158,577
Propyl acetate .....	850,283	113,542
Turpentine .....	2,999,475	230,968
Other paint, varnish and lacquer solvents and plasticizers .....	4,126,318	612,933

See footnote on page 10.

TABLE 4(b). Materials Used<sup>1</sup> in the Paints, Varnishes and Lacquers Industry, 1956 - Concluded

Materials	Quantity	Cost at works
	pounds	\$
<b>Driers:</b>		
Naphthenates .....	2,144,759	628,716
Resinates .....	21,664	4,849
Linoleates .....	19,421	6,536
Other driers .....	261,129	91,859
<b>Miscellaneous:</b>		
Acid:		
Fatty:		
Oleic .....	57,238	12,661
Stearic .....	24,078	3,740
Other fatty acids .....	1,267,360	186,690
Muriatic .....	255,130	6,129
Nitric .....	58,035	5,524
Sulphuric .....	28,997	1,082
Anti-skinning agents .....	112,704	141,061
Asphalt .....	5,327,499	134,143
Beta naphthol .....	30,324	8,009
Carboxymethylcellulose .....	18,514	13,629
Casein .....	733,752	186,307
Chlorinated rubber .....	240,485	132,746
Ethyl cellulose .....	58,896	39,992
Formaldehyde .....	231,117	12,505
Glycol, ethylene .....	395,617	54,140
Glycols, other (mono, di, tri, etc.) .....	247,372	47,337
Glycerine .....	1,717,143	539,988
Glyceryl mono oleate .....	3,234	991
Glue .....	401,517	69,917
Latex emulsion .....	10,161,776	1,618,301
Lecithin .....	365,394	93,592
Nitrocellulose .....	3,205,772	1,082,212
Pentaerythritol .....	2,105,904	724,171
Phthalic anhydride .....	6,805,071	1,273,650
Pitch, coal tar .....	1,723,580	112,292
Potassium bichromate .....	108,490	20,825
Sodium bichromate .....	121,013	17,518
Sodium prussiate .....	104,564	14,244
Urea .....	88,991	5,566
Varnishes .....	5,197,746	737,757
Wax:		
Beeswax .....	2,333	1,152
Carnauba .....	16,504	11,580
Paraffin .....	137,937	16,877
Other .....	100,491	32,664
All other materials .....	-	4,052,078
Containers and other packaging materials or supplies .....	-	7,823,838
<b>Total .....</b>	<b>-</b>	<b>65,155,888</b>

1. Because of a change in classification, figures for some of the materials shown above for 1956 are not strictly comparable with those shown for 1955.

TABLE 5. Production, Imports and Exports of Paints, Varnishes and Pigments, 1947-1956

Year	Production	Imports	Exports
	\$	\$	\$
<b>Paints and varnishes:</b>			
1947 .....	64,881,000	2,580,000	3,031,000
1948 .....	75,839,000	1,147,000	1,132,000
1949 .....	75,410,000	1,711,000	626,000
1950 .....	84,122,000	2,149,000	375,000
1951 .....	94,658,000	2,629,000	961,000
1952 .....	95,961,000	2,519,000	684,000
1953 .....	102,390,000	3,410,000	547,000
1954 .....	97,550,000	3,665,000	599,000
1955 .....	106,364,000	4,266,000	848,000
1956 .....	119,355,000 <sup>2</sup>	4,980,000	1,284,000

See footnote on page 11.

**TABLE 5. Production, Imports and Exports of Paints, Varnishes and Pigments, 1947-1956 - Concluded**

Year	Production	Imports	Exports
	\$	\$	\$
<b>Pigments<sup>1</sup>:</b>			
1947 .....	13,271,000	10,821,000	4,267,000
1948 .....	13,479,000	13,096,000	4,828,000
1949 .....	11,360,000	12,133,000	2,964,000
1950 .....	14,219,000	16,030,000	3,646,000
1951 .....	19,352,000	18,196,000	7,032,000
1952 .....	14,216,000	14,663,000	3,084,000
1953 .....	15,482,000	17,742,000	3,024,000
1954 .....	14,482,000	16,394,000	3,226,000
1955 .....	20,100,000	18,878,000	874,000
1956 .....	21,024,000	20,390,000	773,000

1. (a) Production includes white lead, red lead and litharge; colours, dry and in oils; acetylene black, satin white, zinc oxide, bronze powder, cobalt oxide, cobalt sulphate, carbon black, copper oxide, aluminum paste, paint graphite and synthetic iron oxide.

(b) Exports do not include acetylene or carbon blacks for 1955 and 1956.

2. The total for 1956 includes thinners and paint and varnish removers not previously included under this heading and is, therefore, not strictly comparable with the totals shown for the previous years.

**TABLE 6. Production, Imports and Exports of Putty, 1947-1956**

Year	Production		Imports		Exports	
	Quantity	Selling value at works	Quantity	Value	Quantity	Value
	lb.	\$	lb.	\$	lb.	\$
1947 .....	12,633,000	722,000	332,000	40,000	840,000	48,000
1948 .....	12,645,000	870,000	208,000	34,000	438,000	28,000
1949 .....	11,481,000	825,000	123,000	22,000	241,000	14,000
1950 .....	12,221,000	836,000	272,000	33,000	72,000	4,000
1951 .....	11,032,000	807,000	185,000	36,000	89,000	5,000
1952 .....	11,176,000	817,000	162,000	32,000	80,000	5,000
1953 .....	11,159,000	814,000	347,000	48,000	59,900	3,604
1954 .....	10,341,000	769,000	421,000	60,000	22,500	1,561
1955 .....	11,768,000	836,000	802,000	92,000	23,300	1,513
1956 .....	12,581,000	1,007,000	786,000	127,000	25,800	1,985

**TABLE 7. Principal Statistics of the Paints, Varnishes and Lacquers Industry, Classified According to Type of Ownership, 1955 and 1956**

Type	Estab-lish-ments	Employees	Salaries and wages	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$
<b>1955</b>					
Individual ownership .....	17	54	147,623	534,348	904,725
Partnerships .....	5	39	150,193	626,954	1,004,128
Incorporated companies .....	100	5,901	20,470,645	58,623,787	115,275,336
<b>Total .....</b>	<b>122</b>	<b>5,994</b>	<b>20,768,461</b>	<b>59,785,089</b>	<b>117,184,189</b>
<b>1956</b>					
Individual ownership .....	16	54	156,169	556,266	919,149
Partnerships .....	3	10	28,896	72,823	121,894
Incorporated companies .....	107	6,147	22,528,280	64,526,799	125,271,071
<b>Total .....</b>	<b>126</b>	<b>6,211</b>	<b>22,713,345</b>	<b>65,155,888</b>	<b>126,312,114</b>



**TABLE 8. Principal Statistics of the Paints, Varnishes and Lacquers Industry in Canada, Grouped According to Value of Factory Shipments, 1955 and 1956**

Establishments reporting value of factory shipments	Estab-lish-ments	Employees	Salaries and wages	Cost at plant of materials used	Selling value of factory shipments
	No.	No	\$	\$	\$
1955					
Under \$25,000 .....	11	26	48,883	67,408	146,892
\$25,000 to \$49,999 .....	8	22	55,088	146,052	291,085
\$50,000 to \$99,999 .....	17	109	288,389	686,776	1,262,111
\$100,000 to \$199,999 .....	17	120	399,158	1,483,605	2,512,078
\$200,000 to \$499,999 .....	24	395	1,315,806	4,399,881	7,396,642
\$500,000 to \$999,999 .....	14	555	1,795,786	5,282,107	9,906,465
\$1,000,000 to \$4,999,999 .....	27	2,817	9,734,715	29,508,439	58,568,208
\$5,000,000 and over .....	4	1,700	5,680,636	18,210,821	37,100,708
Head offices .....	—	250	1,450,000	—	—
<b>Total .....</b>	<b>122</b>	<b>5,994</b>	<b>20,768,461</b>	<b>59,785,089</b>	<b>117,184,189</b>
1956					
Under \$10,000 .....	6	8	17,136	17,047	37,460
\$10,000 to \$24,999 .....	5	13	29,593	34,191	70,219
\$25,000 to \$49,999 .....	11	39	105,520	216,419	423,235
\$50,000 to \$99,999 .....	15	83	214,111	603,715	1,088,472
\$100,000 to \$199,999 .....	14	98	354,865	1,154,023	1,946,207
\$200,000 to \$499,999 .....	27	443	1,604,356	5,267,182	8,678,735
\$500,000 to \$999,999 .....	17	704	2,438,697	7,183,248	13,676,298
\$1,000,000 to \$4,999,999 .....	27	2,807	10,038,075	31,680,186	63,747,811
\$5,000,000 and over .....	4	1,766	6,460,992	18,999,877	36,643,677
Head offices .....	—	250	1,450,000	—	—
<b>Total .....</b>	<b>126</b>	<b>6,211</b>	<b>22,713,345</b>	<b>65,155,888</b>	<b>126,312,114</b>

**TABLE 9. Capital and Repair Expenditures in the Paints, Varnishes and Lacquers Industry, 1952-1956**

Year	Capital expenditures		Sub-total	Repair expenditures		Sub-total	Total capital and repair expenditures
	Con-struction	Machinery and equipment		Con-struction	Machinery and equipment		
	\$'000						
1952 .....	1,100	898	1,998	333	700	1,033	3,031
1953 .....	994	1,481	2,475	352	787	1,139	3,614
1954 .....	2,130	1,824	3,954	339	817	1,156	5,110
1955 .....	2,394	1,880	4,274	260	765	1,025	5,299
1956 <sup>1</sup> .....	1,542	4,769	6,311	451	1,229	1,680	7,991

1. Preliminary.

TABLE 10. Employees and Their Earnings, by Provinces, 1955 and 1956

Province	Number of employees					Earnings		
	Supervisory and office		Production workers		Total	Supervisory and office	Production workers	Total
	Male	Female	Male	Female				
						\$	\$	\$
<b>1955</b>								
Quebec .....	752	411	950	143	2,256	4,805,533	3,344,584	8,150,117
Ontario .....	697	413	1,714	109	2,933	4,107,450	5,961,969	10,069,419
Manitoba .....	46	18	152	23	239	243,446	422,004	665,450
British Columbia .....	109	58	217	39	423	751,710	756,651	1,508,361
Other provinces .....	26	11	85	21	143	130,529	244,585	375,114
<b>Canada .....</b>	<b>1,630</b>	<b>911</b>	<b>3,118</b>	<b>335</b>	<b>5,994</b>	<b>10,038,668</b>	<b>10,729,793</b>	<b>20,768,461</b>
<b>1956</b>								
Quebec .....	810	445	976	127	2,358	5,453,534	3,437,997	8,891,531
Ontario .....	752	447	1,688	104	2,991	5,022,534	6,114,678	11,137,212
Manitoba .....	44	27	157	23	251	255,643	453,141	708,784
British Columbia .....	113	60	237	48	458	779,226	796,265	1,575,491
Other provinces .....	26	14	87	26	153	136,935	263,392	400,327
<b>Canada .....</b>	<b>1,745</b>	<b>993</b>	<b>3,145</b>	<b>328</b>	<b>6,211</b>	<b>11,647,872</b>	<b>11,065,473</b>	<b>22,713,345</b>

TABLE 11. Production Workers, by Months, 1955 and 1956

Month	1955			1956		
	Male	Female	Total	Male	Female	Total
January .....	2,909	290	3,199	3,097	322	3,419
February .....	2,953	310	3,263	3,127	326	3,453
March .....	3,020	326	3,346	3,147	329	3,476
April .....	3,107	339	3,446	3,206	331	3,537
May .....	3,172	353	3,525	3,278	345	3,623
June .....	3,248	359	3,607	3,267	343	3,610
July .....	3,257	363	3,620	3,233	339	3,572
August .....	3,220	333	3,553	3,170	341	3,511
September .....	3,190	348	3,538	3,097	327	3,424
October .....	3,142	346	3,488	3,091	329	3,420
November .....	3,128	340	3,468	3,045	317	3,362
December .....	3,062	332	3,394	2,988	304	3,292
<b>Average .....</b>	<b>3,118</b>	<b>335</b>	<b>3,453</b>	<b>3,146</b>	<b>329</b>	<b>3,475</b>

TABLE 12. Imports of Paints, Pigments and Varnishes, 1955 and 1956

Item	Unit of measure	1955		1956	
		Quantity	Value \$	Quantity	Value \$
Litharge .....	cwt.	21,509	364,946	21,040	383,575
Lead, red, dry, and orange mineral .....	lb.	303,560	49,936	427,448	74,570
Lead, white, dry .....	"	74,918	10,280	83,227	10,258
Lead, white, ground in oil .....	"	—	—	6,080	1,380
Antimony oxide .....	"	286,209	68,447	261,831	63,234
Titanium oxide and white pigments containing not less than 14 per cent by weight of titanium oxide .....	"	71,597,344	10,504,942	75,744,730	12,598,033
Black, carbon .....	"	46,692,942	3,040,626	42,401,103	2,604,325
Blacks, bone and ivory .....	"	216,156	38,536	216,895	39,605
Black, lamp .....	"	230,865	41,029	210,503	41,607
Blanc fixe .....	"	1,198,523	54,887	896,680	42,762
Brocade and bronze powders .....	"	7,315	9,085	17,094	19,756
Lithopone .....	"	3,788,565	265,224	4,590,764	348,267
Oxide of cobalt .....	"	8,000	20,490	11,353	27,125
Oxide of copper .....	"	149,429	74,435	136,716	75,748
Oxide of tin .....	"	52,856	49,748	64,177	62,797
Oxides, fireproofs, rough stuff, fillers and colours, dry, n.o.p. ....	"	11,413,978	3,831,579	12,473,565	3,600,975
Paris green, dry .....	"	49,300	11,184	5,840	1,847
Satin white .....	"	860,597	13,994	1,060,134	18,526
Ultramarine blue, dry or in pulp .....	"	804,966	153,608	486,188	110,021
Zinc white (zinc oxide) .....	"	1,610,833	208,784	1,257,660	174,792
Ochres, ochrey earths, siennas and umbers .....	"	1,971,117	66,007	2,324,138	90,733
Artists' paints, n.o.p., ground and liquid .....	—	—	575,215	—	676,496
Gold liquid paint .....	—	—	7,408	—	7,200
Liquid fillers, anti-corrosive and anti-fouling paints, and ground and liquid paints, n.o.p. ....	gal.	605,213	2,174,290	749,114	2,696,685
Paints and colours, ground in spirits, and all spirit varnishes and lacquers .....	"	75,801	342,807	78,265	369,362
Varnishes, lacquers, japans, japan driers, liquid driers and oil finish, n.o.p. ....	"	306,219	798,281	330,349	844,699
Stains and oxides, valued at not less than 20 cents per pound, for use exclusively as colouring constituents in the manufacture of vitreous enamels and pottery glazes; and liquid gold paint for use exclusively in the manufacture of tableware china, porcelain or semi-porcelain .....	lb.	364,381	368,221	373,476	385,973
Total .....	—	—	23,143,989	—	25,370,350

TABLE 13. Exports of Paints, Pigments and Varnishes, 1955 and 1956

Item	Unit of measure	1955		1956	
		Quantity	Value \$	Quantity	Value \$
Black, acetylene, carbon, gas and lamp .....	lb.	1	—	1	—
Iron oxides .....	cwt.	72,460	448,363	64,050	448,432
Mineral pigments, n.o.p. ....	"	6,473	146,086	10,982	178,742
White lead, dry or in oil .....	"	135	2,431	147	3,424
Enamels and lacquers .....	—	—	63,569	—	67,263
Paints, n.o.p. ....	—	—	491,662	—	570,344
Varnish .....	gal.	153,665	293,160	328,488	646,123
Zinc oxide .....	cwt.	23,888	277,360	10,694	142,505
Total .....	—	—	1,722,631	—	2,056,832

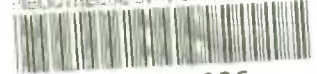
1. Not available separately.

Note. The letters "n.o.p." mean "not otherwise provided for".



## Directory of Firms in the Paints, Varnishes and Lacquers Industry, 1956

Name of firm	Location of plant
<b>Newfoundland:</b>	
Standard Mfg. Co. Ltd. ....	Water St. East, St. John's
<b>Nova Scotia:</b>	
Brandram-Henderson, Limited .....	30 Kempt Road, Halifax
Tibbets Paint Limited .....	Glass St., Trenton
<b>New Brunswick:</b>	
Maritime Paint and Chemical Co., Ltd. ....	348 Main St., Moncton
<b>Quebec:</b>	
Acme Industries Co. ....	6706 Boyer, Montreal
Ares Industries Limited .....	8602, rue de l'Epée, Montréal
Brandram-Henderson, Limited .....	6684 St. Urbain St., Montreal
Canadian Industries Limited .....	6930 Clanranald St., Montreal
Canadian Pittsburgh Industries Ltd. ....	2740 St. Patrick St., Montreal
Charters Chemical Ltd. ....	4328 St. Lawrence Blvd., Montreal
Chateau Paint Works Inc. ....	6833 Park Ave., Montreal
Coatwell Paint and Varnish Co. Ltd. ....	147 Nazareth St., Montreal
Conant Paints, Div. of Combined Enterprises Ltd. ....	3975 St. Ambroise St., Montreal
Crown Diamond Paint Co. Ltd. ....	41 Bates Road, Outremont
Continental Paint and Varnish Works .....	272 Turgeon St., Montreal
Durity Paint and Lacquer Co., Ltd. ....	4230 Hogan St., Montreal
Gallant Paint Company Ltd. ....	Charlemagne
Glidden Co. Ltd., The .....	133 Elmslie, Montreal
International Lacquer Products .....	6935 Park Ave., Montreal
International Paints (Canada) Ltd. ....	6700 Park Ave., Montreal
La Cie des Peinture & Vernis Modele .....	1805 St. Hélène, Ville Jacque Cartier
La Cie de Peintures & Vernis Mont Royal, Ltée. ....	5669 Casgrain St., Montreal
La Peinture Québec Inc. ....	51, rue Sault-au-Matelot, Québec
Lacquer Products Co., Limited .....	Sydeman Ave., Granby
Laurentide Chemicals Reg'd. ....	475-5th Ave., Shawinigan Falls
Liquid Steel Paint Products Co., Ltd. ....	7525 St. Hubert, Montreal
Miville, J.B., & Co. ....	10080 Montée St-Laurent, Montreal
Peinture Nationale Limitée .....	1556 St. Valier, Québec
Peinture Sico Ltée (Sico Paint, Ltd.) .....	120 Ste-Anne, Giffard
Protective Coatings Limited .....	1080 Pratt Ave., Outremont
Reardon Company, Limited .....	146 St. Peter St., Montreal
Ritchie Manufacturing Co. ....	1081 Wellington St., Montreal
Service Paint Co. ....	5111 de Lanaudiere, Montreal
Sherwin-Williams Co. of Canada, Ltd. ....	2875 Centre St., and 1957 Hunter St., Montreal
Steel Company of Canada, Limited .....	2320 Notre Dame St. W., Montreal
Walsh, Robert, Co. Ltd. ....	514 Baldwin St., Montreal
Wesco Water Paints (Canada) Limited .....	2100 St. Patrick St., Montreal
Zenith Paint, Incorporated .....	1884 Darling St., Montreal
<b>Ontario:</b>	
Alma Paint and Varnish Company, Ltd. ....	65 Duke St., London
Acme Paint and Varnish Co. Ltd. ....	120-24th St., Long Branch
Arnet Industries Limited .....	155 Surrey St., Guelph
Aulcraft Paints Ltd. ....	313 Symington Ave., Toronto
Bedford Paint Company .....	248 Birmingham Ave., New Toronto
Berry Brothers Inc. ....	1106 Walker Road, Walkerville
Brampton Paint Co. ....	106 Nelson W.
British Paints (Canada) Limited .....	Oakville
Brunett & Son Luminous Products .....	35 Golf Club Rd., Toronto
Canada Varnish Limited .....	53-67 Laird Drive, Leaside
Canadian Alumaton Corp. Ltd. ....	18 Civic Rd., Scarborough
Canadian General Electric Company Limited .....	940 Lansdowne Ave., Toronto
Canadian Industries Limited .....	Perth and Kingsley Sts., Toronto
Canadian Industries Limited .....	Castlefield and Ronald Aves., Toronto
Canadian Pittsburgh Industries Ltd. ....	1600 Lake Shore, Long Branch
Canadian Pittsburgh Industries Ltd. ....	1160 Central Ave., Windsor
Carter H.J. Ltd. ....	139 Stephenson Ave., Toronto
Commercial Chemicals Limited .....	Dixie
Cosmos Chemical Co., Ltd. ....	Cavan St., Port Hope
Dupont Co. of Canada Ltd. ....	Ajax
Essex Paint Co. ....	1554 Victoria, Windsor
Glidden Co., Limited .....	351 Wallace Ave., Toronto
Goudey, John E., Manufacturing Ltd. ....	21 Primrose Ave., Toronto



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## Directory of Firms in the Paints, Varnishes and Lacquers Industry, 1956 - Concluded

Name of firm	Location of plant
<b>Ontario - concluded:</b>	
Great Lakes Paint & Varnish Co. Ltd. ....	Rodney
Gypsum, Lime and Alabastine, Canada, Ltd. ....	Willow St., Paris
Hamilton Paint and Varnish Works Limited .....	65 Biggar Ave., Hamilton
Hannah Varnish Company, Limited .....	95 Water St. North Galt
Heaman Paint Company Limited .....	1093 Margaret St., London
Horn, A.C., Company, Ltd. ....	19 St. Lawrence, Toronto
Imperial Gloclare Paints Ltd. ....	6 Morse St., Toronto
Industrial Coating Company .....	840 Eastern Ave., Toronto
Jacroy Canada Limited .....	421 Comstock Rd., Scarboro
Kingston Paint Limited .....	74 Brock St., Kingston
Lakeside Varnish & Lacquer Mfg. Co. Ltd. ....	Montcalm Ave., York Twp., Toronto
Lastic Products Co. ....	2437 Howard Ave., Windsor
Lowe Brothers Company, Ltd. ....	263 Sorauren Ave., Toronto
MacDonald & White Varnish & Paint Co. Ltd. ....	Riverside
MacNaughton Brooks Limited .....	260 Avenue Rd., Toronto
Massee Manufacturing Co. Ltd. ....	264 Macdonell Ave., Toronto
Master Varnish & Paint Co. ....	33 Princess, Hamilton
Maurice Paint Co. Ltd. ....	269 Main St. N., Weston
Mercury Varnish Co., Ltd. ....	94½ Queenston St., St. Catharines
Mitchell Colour & Chemical Company Ltd. ....	336 Birchmount Road, Toronto
Moore, Benjamin, and Co., Ltd. ....	Mulock and Lloyd Aves., Toronto
Morin, J.H., & Company Limited .....	54 Colborne St., Toronto
National Paint Products .....	57 Rutheford St., Toronto
Niagara Paint & Chemical Co., Ltd. ....	Hillyard St., Hamilton
Northern Paint & Varnish Co., Ltd. ....	1 st Ave. West, Owen Sound
Ontario Paint and Varnish Co., Ltd. ....	268 Pape Ave., Toronto
O.P.W. Paints Limited .....	687 Wellington St., Ottawa
Paralac Paint Mfg. Co. ....	3775 Dundas St. W., Toronto
Para Paint Ltd. ....	616 Yonge St., Toronto
Penfound Varnish Company, Limited .....	25 Caribou Ave., Toronto
Pfeiffer, F.W., Company .....	472 Mill St., Kitchener
Pierce & Stevens Canada Limited .....	Catherine St. & Concession Rd., Fort Erie
Plastoid of Canada Ltd. ....	43 Densley Ave., Toronto
Pratt and Lambert, Inc. ....	254 Courtwright St., Fort Erie North
Protek Paint & Varnish Co. ....	140 - 16th St., New Toronto
Rinshhead-Mason Co. of Canada Ltd. ....	845 Wyandotte St. W., Windsor
Roxalin of Canada, Limited .....	Dwight Ave. and New Toronto St., New Toronto
Rubbercrete Limited .....	6 Boon Ave., Toronto
Scarfe and Company, Limited .....	35 Greenwich St., Brantford
Smyth, John, Manufacturing Company .....	31 Colborne St., Brantford
Starlac Company .....	21 Raleigh at Birchmount Rd., Toronto
Sturgeons, Limited .....	9 Sturgeons Road, Toronto
Supreme Paint Manufacturing Company .....	153 Kendall Ave., Toronto
Tone-Craft Paint & Varnish Co. Ltd. ....	1063 College, Toronto
Trelco, Limited .....	925 Rose Lawn Ave., Toronto
Treuhaft Manufacturing, Ltd. ....	220 Wicksteed Ave., Leaside
<b>Manitoba:</b>	
International Laboratories, Ltd. ....	490 Des Meurons St., St. Boniface
Northern Paint Company, Ltd. ....	394 Gertrude Ave., Winnipeg
Phillips Paint Products Ltd. ....	306 King St., Winnipeg
Sherwin-Williams Co. of Canada, Ltd. ....	110 Sutherland Ave., Winnipeg
Stephens, G.F., and Company, Ltd. ....	176 Market Ave., Winnipeg
<b>Alberta:</b>	
Edmonton Paint and Glass Co., Ltd. ....	10163 - 105th St., Edmonton
<b>British Columbia:</b>	
Brandram-Henderson of B.C. Ltd. ....	Granville Island, Vancouver
British American Paint Company, Ltd. ....	200 Belleville St., Victoria
Burrard Construction Supplies Ltd. ....	523 Powell, Vancouver
Canadian Pittsburgh Industries Ltd. ....	1160 Third St. E., North Vancouver
Cloverdale Paint & Chemicals Ltd. ....	R.R. No. 4 North Sydney
General Paint Corporation of Canada Ltd. ....	950 Raymur Ave., Vancouver
Henderson, Geo. C., Co. Ltd. ....	263 East 7th Ave., Vancouver
International Paints (Western) Ltd. ....	Harbour & Railway Sts., North Vancouver
Martin-Senour Company, Ltd. ....	1505 Powell St., Vancouver
NorthWest Products .....	1147 Venables St., Vancouver
Paramount Paint & Lacquer Co. of Canada Ltd. ....	167 West 2nd, Vancouver
Sepctrum Chemicals Ltd. ....	230 Brunette, New Westminster
Walker Bros. Limited .....	3130 Beresford St., Burnaby