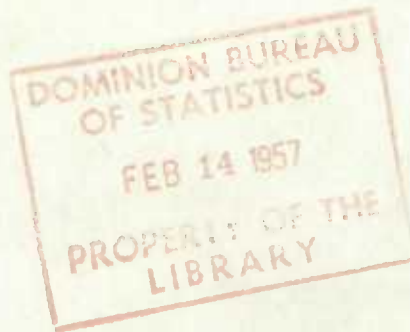


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THE PAINTS, VARNISHES AND LACQUERS INDUSTRY, 1955



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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
- VI - Leather Products
- VII - Textile Mills
- VIII - Knitting Mills
- IX - Clothing
- X - Wood and Paper Products
- XI - Printing Trades
- XII - Iron and Steel Products
- XIII - Transportation Equipment
- 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, 1955

Manufacturers of paints and varnishes reported factory shipments of \$117,184,189 in 1955 compared with \$107,727,373 in 1954.

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 122 plants was included in this group during 1955, distributed by provinces as follows: Ontario, 65; Quebec, 35; British Columbia, 12; Manitoba, 5; Nova Scotia, 2 and 1 each in Newfoundland, New Brunswick and Alberta. Works in Ontario accounted for approximately 55 per cent of the total shipments and establishments in Quebec for about 32 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 1955; 12,046,000 gallons of ready-mixed paints at \$42,605,000; 3,190,000 gallons of varnishes at \$8,129,000; 2,654,000 gallons of lacquers at \$8,156,000; 2,438,000 pounds of paste paints at \$595,000; water paints (including latex emulsion paints) at \$10,796,000; 11,768,000 pounds of putty at \$836,000 and 2,500,000 gallons of thinners at \$3,367,000.

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 1955 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 for 1954 and 1955.

TABLE 1. Principal Statistics of the Paints, Varnishes and Lacquers Industry, Significant Years, 1929-1955 and by Provinces, 1954 and 1955

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 ¹	Gross selling value of products ¹
	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
1951	114	5,859	16,129,180	708,104	55,700,822	48,430,359	104,839,285
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							
Quebec	35	2,060	7,435,774	248,283	17,053,427	19,273,267	36,406,403
Ontario	66	2,858	9,776,278	478,292	30,584,270	25,732,597	57,031,604
Manitoba	5	251	681,451	29,228	2,477,334	1,820,740	4,214,870
British Columbia	13	407	1,365,069	58,240	3,813,765	4,155,588	8,010,763
Newfoundland	1	143	366,052	17,249	1,131,975	917,062	2,063,733
Nova Scotia	2						
New Brunswick	1						
Alberta	1						
Canada	124	5,719	19,624,624	831,292	55,060,771	51,899,254	107,727,373
1955							
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	5,994	20,768,461	874,952	59,785,089	58,245,997	117,184,189

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.

1. See footnote to Text.

TABLE 2. Inventories¹ in the Paints, Varnishes and Lacquers Industry, 1955

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
Opening:	\$	\$	\$	\$
Quebec	2,829,804	197,004	4,302,559	7,329,367
Ontario	4,222,395	1,073,490	6,504,438	11,800,323
Manitoba	675,351	41,588	925,826	1,642,765
British Columbia	827,916	111,173	1,243,874	2,182,963
Other provinces	296,388	2,534	158,661	457,583
Canada	8,851,854	1,425,789	13,135,358	23,413,001
Closing:				
Quebec	3,031,326	212,546	4,844,503	8,088,375
Ontario	4,719,339	1,226,227	7,309,260	13,254,826
Manitoba	599,411	44,744	784,324	1,428,479
British Columbia	934,278	115,583	1,038,971	2,088,832
Other provinces	444,153	6,648	230,468	681,269
Canada	9,728,507	1,605,748	14,207,526	25,541,781

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 1955 does not necessarily agree with the closing inventory for 1954 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. Products Made in the Paints, Varnishes and Lacquers Industry, 1954 and 1955

Product	Unit of measure	1954		1955	
		Quantity	Value of factory shipments	Quantity	Value of factory shipments
Paste paints (not including water-paste paints)	lb.	2,626,727	\$ 712,902	2,437,806	\$ 595,499
Water-thinned paints:					
Resin emulsion paints, paste and semi-paste form:					
Interior	Imp. gal.	223,949	736,435	127,096	441,249
Exterior	Imp. gal.	28,895	92,318	11,445	34,979
Cold water paints:					
Interior, casein and protein bound:					
Dry and semi-paste form	Imp. gal.	35,724	79,380	20,597	43,616
Dry powder form	lb.	1,435,968	198,456	990,805	108,215
Glue-bound	Imp. gal.	302,399	26,204	227,843	20,878
Exterior:					
Casein and protein bound	Imp. gal.	21,601	2,754	280,109	39,435
Lime or cement bound	Imp. gal.	1,821,551	241,670	1,834,518	291,384
Texture-type water paints	Imp. gal.	1,385,023	117,785	1,144,158	101,065
Latex emulsion paints	Imp. gal.	2,502,909	9,538,023	2,522,112	9,528,122
Calcimines:					
Hot water	lb.	420,279	40,063	797,211	105,742
Cold water	lb.	541,217	69,594	168,490	19,284
Lacquers:					
Clear	Imp. gal.	1,604,731	4,100,011	1,664,662	4,344,913
Pigmented	Imp. gal.	648,072	2,747,138	983,678	3,781,832
Ready-mixed paints (including asphalt and tar paints)	Imp. gal.	10,889,581	40,328,532	11,664,161	42,209,118
Ready-mixed enamels, oil and synthetic types	Imp. gal.	6,445,260	28,834,490	8,067,660	35,146,665
Stains:					
Oil, spirit, varnish, creosote	Imp. gal.	352,970	893,814	346,891	930,629
Varnishes (including japans, shellac and driers) sold as such	Imp. gal.	2,957,966	7,920,809	3,126,647	7,938,925
Floor wax	Imp. gal.	—	72,647	—	96,368
Oils:					
Boiled linseed, core, stand, blown and enamel	Imp. gal.	—	92,280	—	96,977
Paint and varnish removers	Imp. gal.	134,732	364,189	126,093	345,008
Patching materials:					
For walls	lb.	4,863,924	457,403	6,615,021	615,675
For floors	lb.	295,670	55,874	166,958	25,803
Putty	lb.	8,513,114	664,082	9,723,789	693,302
Thinners:					
Lacquer, paint and enamel	Imp. gal.	2,277,131	3,142,929	2,500,377	3,366,551
Wall size and other sizing materials	lb.	261,623	57,187	147,100	35,513
All other products ¹	Imp. gal.	—	6,140,404	—	6,227,442
Total value of products			107,727,373		117,184,189

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

TABLE 4. Materials Used in the Paints, Varnishes and Lacquers Industry, 1954 and 1955

Material	1954		1955	
	Quantity	Cost at works	Quantity	Cost at works
	lb.	\$	lb.	\$
Prime pigments:				
White:				
Antimony oxide	73, 767	18, 673	101, 901	26, 616
Basic carbonate white lead - dry	1, 334, 463	243, 733	1, 228, 904	234, 540
Basic carbonate white lead - in oil	359, 887	75, 946	286, 700	59, 023
Basic silicate white lead	1, 007, 073	191, 490	1, 170, 703	239, 313
Basic sulphate white lead	302, 474	48, 236	177, 030	30, 319
Lithopone (30% zinc sulphide)	5, 376, 569	492, 481	3, 729, 474	330, 441
Titanium dioxide	22, 958, 423	5, 482, 788	23, 273, 335	5, 789, 923
Extended titanium dioxide pigments	26, 309, 370	2, 528, 698	27, 871, 290	2, 752, 536
Zinc oxide - lead free	4, 948, 717	671, 336	5, 102, 047	682, 289
Zinc oxide - leaded	1, 357, 647	203, 264	1, 189, 065	173, 239
Other white pigments	1, 943, 573	82, 340	2, 194, 048	85, 687
Black:				
Lampblack	148, 513	28, 542	143, 469	27, 464
Bone black	77, 129	14, 658	70, 869	14, 335
Carbon black	475, 693	114, 589	313, 216	95, 670
Graphite	104, 703	8, 851	109, 994	9, 359
Other black pigments	73, 545	18, 793	89, 585	20, 145
Coloured:				
C. P. Chrome yellows and oranges	1, 178, 919	430, 813	1, 237, 909	446, 283
Chrome yellows and oranges (extended)	208, 780	73, 240	220, 502	83, 214
Zinc chromate	586, 037	168, 087	571, 271	166, 036
Other yellow and orange pigments	455, 226	249, 090	555, 042	363, 726
C. P. Chrome greens	789, 961	358, 042	776, 698	349, 849
Chrome greens (extended)	205, 276	67, 325	195, 828	74, 439
Other green pigments	228, 869	285, 044	198, 912	262, 843
Toluidine reds	388, 433	493, 171	408, 966	490, 654
Para reds	161, 540	121, 621	155, 221	112, 156
Other organic red pigments	192, 975	305, 661	214, 158	361, 482
Iron blues	175, 572	92, 780	163, 769	96, 610
Ultramarine blues	218, 685	64, 290	205, 146	80, 704
Other blue pigments	61, 100	206, 565	117, 175	271, 294
Iron oxides	4, 380, 473	389, 588	4, 595, 932	407, 762
Ochres, siennas, umbers	423, 830	52, 691	441, 155	55, 745
Red lead, including orange mineral	1, 217, 737	228, 533	996, 622	201, 206
Litharge	456, 707	75, 508	482, 344	83, 721
Metallic powders (aluminum, bronze, etc.)	1, 121, 638	496, 760	1, 127, 319	523, 506
All other coloured pigments	353, 346	257, 212	298, 532	273, 797
Extender pigments:				
Aluminum stearate	230, 019	76, 030	200, 430	72, 741
Asbestine or talc	14, 479, 598	368, 791	15, 744, 398	379, 837
Barytes	3, 684, 710	135, 739	1, 925, 420	63, 790
Blanc fixe	499, 637	16, 645	899, 498	35, 576
Calcium carbonate (whiting and chalk)	23, 509, 827	430, 026	26, 132, 519	467, 877
Calcium sulphate (gypsum)	2, 069, 830	28, 625	1, 969, 781	27, 887
Kaolin or china clay	3, 038, 982	72, 804	3, 268, 198	71, 665
Mica	1, 802, 747	85, 564	1, 721, 152	94, 953
Silica sand and ground quartz	2, 666, 860	63, 384	2, 639, 364	67, 619
Other extender pigments	4, 745, 576	305, 319	6, 015, 327	406, 481
Oils:				
Linseed oil:				
Raw	12, 578, 165	1, 472, 140	12, 311, 251	1, 589, 392
Boiled	10, 988, 784	1, 484, 928	12, 017, 608	1, 825, 362
Blown	2, 678, 897	363, 911	2, 567, 981	410, 267
Heat-bodied	5, 573, 997	840, 246	5, 603, 183	889, 130
Processed:				
Polymerol	766, 675	106, 069	645, 830	113, 512
Varnol	449, 652	89, 750	513, 116	107, 521
Castor oil:				
Raw	775, 586	124, 555	820, 693	124, 984
Dehydrated	1, 016, 328	229, 055	1, 148, 444	241, 699
Chinawood (tung) oil	3, 835, 924	799, 512	3, 892, 270	948, 875
Fish oils	273, 696	44, 865	202, 706	31, 879
Oiticica oil	73, 123	15, 854	95, 570	15, 977
Soyabean oil	6, 881, 652	1, 099, 779	6, 330, 563	958, 669
Tall oil	738, 711	64, 277	873, 529	79, 880
Other oils	2, 213, 284	335, 238	2, 657, 378	324, 718

TABLE 4. Materials Used in the Paints, Varnishes and Lacquers Industry, 1954 and 1955 - Concluded

Material	1954		1955	
	Quantity	Cost at Works	Quantity	Cost at Works
	lb.	\$	lb.	\$
Resins:				
Natural:				
Copal	50,599	9,964	39,772	7,722
Manilla	111,465	18,850	102,495	33,362
Damaar	86,755	24,855	63,375	20,304
Kauri	2,676	1,026	4,167	897
Rosin	3,442,136	342,421	3,542,619	345,910
Other	399,164	48,485	420,945	53,989
Synthetic:				
Ester gum	1,956,045	326,184	1,847,758	314,573
Maleics	1,888,233	402,815	1,534,753	329,347
Pure phenolics	572,999	236,251	546,831	230,706
Modified phenolics	1,980,208	540,916	2,278,584	584,623
Alkyds	21,836,975	4,345,395	25,631,102	5,012,720
Amines	1,869,116	504,488	1,547,760	453,512
Other	2,375,003	706,275	3,214,139	852,855
Gumilac:				
Orange	214,875	85,542	181,794	93,543
Bleached	640,719	340,854	701,150	411,408
Other	88,086	33,827	159,205	62,509
Solvents:				
Turpentine	2,830,331	224,988	2,476,742	197,219
Petroleum distillates	76,144,559	2,674,773	85,338,443	3,000,104
Toluol	11,689,197	609,225	12,140,119	634,238
Xylol	8,361,663	460,905	8,184,873	443,806
Benzol	977,325	58,498	1,009,515	60,167
Coal tar solvents, not elsewhere specified	3,768,025	200,955	3,791,908	213,111
Acetone	763,317	87,570	628,157	73,322
Amyl acetate	544,162	97,202	503,857	86,554
Butyl acetate	3,935,922	574,340	3,821,028	581,090
Ethyl acetate	4,538,838	581,727	3,333,199	428,766
Alcohol, ethyl (denatured or not)	3,554,626	333,226	3,072,140	278,717
Alcohol, methyl (wood or methylated spirits)	519,345	54,051	610,157	67,406
Alcohol, isopropyl	596,451	57,970	663,494	61,947
Creosote	387,907	25,296	435,403	27,934
Amyl alcohol (fusel oil)	29,164	4,867	3,369	659
Butyl alcohol	1,715,261	254,451	2,350,842	332,479
Dibutyl phthalate	232,543	74,543	267,381	87,475
Other plasticizers	407,694	109,166	395,039	143,579
Methyl ethyl ketone	542,693	81,378	553,711	77,131
Other paint, varnish and lacquer solvents	3,477,613	540,540	6,317,048	1,051,592
Driers:				
Naphthenates	2,243,001	658,187	2,176,437	620,427
Resinates	41,983	8,651	27,475	5,755
Linoleates	12,251	4,422	18,410	6,063
Other driers	128,625	52,679	384,541	105,852
Miscellaneous:				
Latex emulsion	9,058,611	1,508,950	9,452,717	1,543,676
Pentaerythritol	889,875	288,083	1,651,526	533,943
Phthalic anhydride	5,805,149	1,021,639	6,441,897	1,185,213
Glycerine	1,436,139	492,261	1,637,544	555,842
Asphalt	5,058,213	131,834	5,301,187	113,605
Pitch, coal tar	1,538,670	47,908	2,885,353	100,775
Varnishes	3,389,889	619,629	3,755,616	618,889
Wax:				
Beeswax	3,647	2,216	39,675	10,178
Carnauba	23,173	21,420	26,005	19,034
Paraffin	104,039	12,529	181,897	18,384
Other	70,464	24,230	81,045	28,278
Casein	494,680	98,048	746,559	171,857
Glue	424,552	86,618	297,491	66,347
Nitrocellulose	2,628,139	776,599	2,792,656	844,433
Chlorinated rubber	291,913	148,749	200,594	116,472
Ethyl cellulose	51,585	32,447	56,666	37,649
All other materials and process supplies	-	3,671,184	-	4,449,353
Containers (metal, fibre, glass)	-	5,447,970	-	5,782,596
Packing material (cartons, boxes, crates)	-	1,537,154	-	1,568,975
Total cost of materials	-	55,060,771	-	59,785,089

TABLE 5. Production, Imports and Exports of Paints, Varnishes and Pigments, 1946-1955

Year	Production	Imports	Exports
	\$	\$	\$
Paints and varnishes:			
1946.....	52,973,000	1,788,000	2,004,000
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
Pigments¹:			
1946.....	9,046,000	7,615,000	2,374,000
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

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.

TABLE 6. Production, Imports and Exports of Putty, 1946-1955

Year	Production		Imports		Exports	
	Quantity	Selling value at works	Quantity	Value	Quantity	Value
	lb.	\$	lb.	\$	lb.	\$
1946.....	11,527,000	522,000	261,000	33,000	624,000	29,000
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

TABLE 7. Principal Statistics of the Paints, Varnishes and Lacquers Industry, Classified According to Type of Ownership, 1954 and 1955

Type	Estab- lish- ments	Employees	Salaries and wages	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$
1954					
Individual ownership	15	43	125, 451	400, 627	675, 684
Partnerships	6	40	153, 196	623, 247	988, 598
Incorporated companies	103	5, 636	19, 345, 977	54, 036, 897	106, 063, 091
Total	124	5, 719	19, 624, 624	55, 060, 771	107, 727, 373
1955					
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
Total	122	5, 994	20, 768, 461	59, 785, 089	117, 184, 189

TABLE 8. Principal Statistics of the Paints, Varnishes and Lacquers Industry in Canada, Grouped According to Size of Establishment, 1954 and 1955

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.	\$	\$	\$
1954					
Under \$25,000	12	30	56, 008	65, 979	152, 169
\$25,000 to \$49,999	9	31	71, 684	187, 824	334, 200
\$50,000 to \$99,999	15	83	228, 348	541, 895	998, 600
\$100,000 to \$199,999	21	161	532, 475	1, 643, 827	2, 988, 948
\$200,000 to \$499,999	25	423	1, 303, 228	4, 319, 978	7, 495, 581
\$500,000 to \$999,999	17	791	2, 566, 437	6, 787, 090	12, 606, 984
\$1,000,000 to \$4,999,999	21	2, 425	8, 299, 571	23, 870, 090	48, 308, 077
\$5,000,000 and over	4	1, 644	5, 943, 692	17, 644, 088	34, 842, 814
Head offices	—	131	623, 181	—	—
Total	124	5, 719	19, 624, 624	55, 060, 771	107, 727, 373
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	—	—
Total	122	5, 994	20, 768, 461	59, 785, 089	117, 184, 189

TABLE 9. Capital and Repair Expenditures in the Paints, Varnishes and Lacquers Industry, 1951-1955

Year	Capital expenditures		Sub-total	Repair expenditures		Sub-total	Total capital and repair expenditures
	Construction	Machinery and equipment		Construction	Machinery and equipment		
	\$'000						
1951	1,496	1,166	2,662	351	737	1,088	3,750
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 ¹	1,635	2,313	3,948	314	717	1,031	4,979

1. Preliminary.

TABLE 10. Employees and Their Earnings, by Provinces, 1954 and 1955

Province	Number of employees					Earnings		
	Supervisory and office		Production workers		Total	Supervisory and office	Production workers	Total
	Male	Female	Male	Female				
						\$	\$	\$
1954								
Quebec	648	335	952	125	2,060	4,043,914	3,391,860	7,435,774
Ontario	687	385	1,666	120	2,858	4,061,551	5,714,727	9,776,278
Manitoba	45	24	161	21	251	246,266	435,185	681,451
British Columbia	95	52	223	37	407	631,662	733,407	1,365,069
Other provinces	29	11	84	19	143	141,783	224,269	366,052
Canada	1,504	807	3,086	322	5,719	9,125,176	10,499,448	19,624,624
1955								
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
Canada	1,630	911	3,118	335	5,994	10,038,668	10,729,793	20,768,461

TABLE 11. Production Workers, by Months, 1954 and 1955

Month	1954			1955		
	Male	Female	Total	Male	Female	Total
January	3,018	308	3,326	2,909	290	3,199
February	3,082	317	3,399	2,953	310	3,263
March	3,106	326	3,432	3,020	326	3,346
April	3,171	338	3,509	3,107	339	3,446
May	3,192	333	3,525	3,172	353	3,525
June	3,225	348	3,573	3,248	359	3,607
July	3,172	333	3,505	3,257	363	3,610
August	3,092	328	3,420	3,220	333	3,553
September	3,043	324	3,367	3,190	348	3,538
October	3,008	316	3,324	3,142	346	3,488
November	2,979	306	3,285	3,128	340	3,468
December	2,935	300	3,235	3,062	332	3,394
Average	3,086	322	3,408	3,118	335	3,453

TABLE 12. Imports of Paints, Pigments and Varnishes, 1954 and 1955

Item	Unit of measure	1954		1955	
		Quantity	Value	Quantity	Value
			\$		\$
Litharge	cwt.	20,043	326,260	21,509	364,946
Lead, red, dry, and orange mineral	lb.	188,503	30,449	303,560	49,936
Lead, white, dry	"	48,800	7,353	74,918	10,280
Lead, white, ground in oil	"	1,014	308	—	—
Antimony oxide	"	279,398	68,307	286,209	68,447
Titanium oxide and white pigments containing not less than 14 per cent by weight of titanium oxide	"	64,212,221	9,129,389	71,597,344	10,504,942
Black, carbon	"	39,065,182	2,463,430	46,692,942	3,040,626
Blacks, bone and ivory	"	259,912	43,850	216,156	38,536
Black, lamp	"	229,200	39,616	230,865	41,029
Blanc fixe	"	623,969	34,027	1,198,523	54,887
Brocade and bronze powders	"	6,771	7,618	7,315	9,085
Lithopone	"	5,082,859	350,149	3,788,565	265,224
Oxide of cobalt	"	6,935	14,395	8,000	20,490
Oxide of copper	"	208,353	80,076	149,429	74,435
Oxide of tin	"	70,513	62,433	52,856	49,748
Oxides, fireproofs, rough stuff, fillers and colours, dry, n.o.p.	"	8,886,626	3,237,811	11,413,978	3,831,579
Paris green, dry	"	93,300	19,384	49,300	11,184
Satin white	"	591,317	10,109	860,597	13,994
Ultramarine blue, dry or in pulp	"	690,746	145,730	804,966	153,608
Zinc white (zinc oxide)	"	2,069,275	262,149	1,610,833	208,784
Ochres, ochrey earths, siennas and umbers	"	2,104,813	61,418	1,971,117	66,007
Artists' paints, n.o.p., ground and liquid	—	—	650,246	—	575,215
Gold liquid paint	—	—	5,453	—	7,408
Liquid fillers, anti-corrosive and anti-fouling paints, and ground and liquid paints, n.o.p.	gal.	519,392	1,751,223	605,213	2,174,290
Paints and colours, ground in spirits, and all spirit varnishes and lacquers	"	62,201	271,726	75,801	342,807
Varnishes, lacquers, japans, japan driers, liquid driers and oil finish, n.o.p.	"	229,954	675,865	306,219	798,281
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.	311,465	310,938	364,381	368,221
Total	—	—	20,059,712	—	23,143,989

TABLE 13. Exports of Paints, Pigments and Varnishes, 1954 and 1955

Item	Unit of measure	1954		1955	
		Quantity	Value	Quantity	Value
			\$		\$
Black, acetylene, carbon, gas and lamp	lb.	15,388,714	2,445,911		
Iron oxides	cwt.	62,216	421,535	72,460	448,363
Mineral pigments, n.o.p.	"	7,034	85,567	6,473	146,086
White lead, dry or in oil	"	110	2,018	135	2,431
Enamels and lacquers	—	—	63,282	—	63,569
Paints, n.o.p.	—	—	500,142	—	491,662
Varnish	gal.	11,890	35,427	153,665	293,160
Zinc oxide	cwt.	23,798	271,112	23,888	277,360
Total	—	—	3,824,994	—	1,722,631

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

1. Not available separately.

Directory of Firms in the Paints, Varnishes and Lacquers Industry, 1955

Name of firm	Location of plant
Newfoundland:	
Standard Mfg. Co. Ltd.	Water St. East, St. John's
Nova Scotia:	
Brandram-Henderson, Limited	30 Kempt Road, Halifax
Tibbets Paint Limited	Glass St., Trenton
New Brunswick:	
Maritime Paint and Chemical Co., Ltd.	348 Main St., Moncton
Quebec:	
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
Joliet Paint & Varnish Reg'd	7035 Notre Dame St. E., 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.	49, rue Sault-au-Matlot, Québec
Lacquer Products Co., Limited	Sydemar 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
Ontario:	
Alma Paint and Varnish Company, Ltd.	65 Duke St., London
Acme Paint and Varnish Co. Ltd.	120 - 24th St., Long Branch
Armet 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
Commercial Chemicals Limited	Dixie
Cosmos Chemical Co., Ltd.	Cavan St., Port Hope
Essex Paint Co.	1554 Victoria, Windsor
Glidden Co., Limited	351 Wallace Ave., Toronto
Goudey, John E., Manufacturing Ltd.	21 Primrose Ave., Toronto



Directory of Firms in the Paints, Varnishes and Lacquers Industry, 1955 - Concluded

Name of firm	Location of plant
Ontario - concluded:	
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
Hearman Paint Company Limited	1093 Margaret St., London
Horn, A.C., Company, Ltd.	19 Lawrence, Toronto
Imperial Gloglare Paints Ltd.	6 Morse St., Toronto
Industrial Coating Company.....	840 Eastern Ave., Toronto
Jacroy Canada Limited	421 Comstock Rd., Scarboro
Lakeside Varnish & Lacquer Mfg. Co. Ltd.	Montcalm Ave., York Twp., Toronto
Lowe Brothers Company, Ltd.	263 Sorauren Ave., Toronto
MacDonald & White Varnish & Paint Co. Ltd.	Riverside
MacNaughton Brooks Limited	260 Avenue Rd., Toronto
Masse 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 Rutherford 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
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
Rinshead-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
Toronto Colour Co. Ltd.....	45 Dickens St., Toronto
Trelco, Limited	925 Rose Lawn Ave., Toronto
Treuhaft Manufacturing, Ltd.....	220 Wicksteed Ave., Leaside
Manitoba:	
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
Alberta:	
Edmonton Paint and Glass Co., Ltd.	10163 - 105th St., Edmonton
British Columbia:	
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, Langley Prairie
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
Spectrum Chemicals Ltd.	230 Brunette, New Westminster
Walker Bros. Limited	3130 Beresford St., Burnaby