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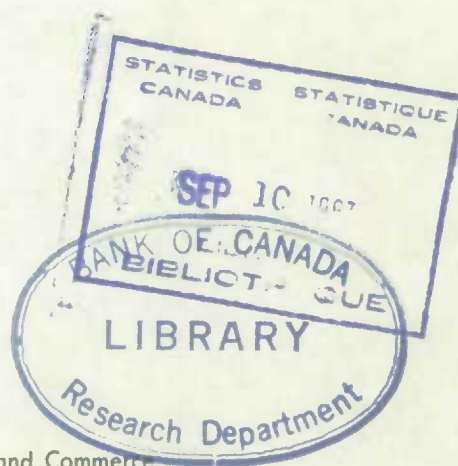
# PAINT AND VARNISH MANUFACTURERS

1960

Formerly The Paints, Varnishes and Lacquers Industry

## ANNUAL CENSUS OF MANUFACTURES

Published by Authority of  
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## SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. figures not available.
- ... figures not appropriate or not applicable.
- nil or zero.



## EXPLANATORY NOTES

This report is one in a series of about 140 publications which present the results of the 1960 Census of Manufactures. Most reports in this series refer to specific industries, but there are summary reports for Canada and the provinces and for major industry groups. Adoption of the revised Standard Industrial Classification for 1960 compilations has necessitated changes in titles of many reports in this annual series. The content of many industries has also been affected (see following note on Industrial Classification).

Industry statistics given in these reports refer to number of establishments, employees, salaries and wages, cost of materials, supplies, fuel and electricity, gross value of shipments, inventories and value added by manufacturing. Details of materials used and products shipped are also given. Descriptions of the principal industry statistics, with special reference to 1960 are as follows:

### Period Covered

Firms are asked to submit figures for the calendar year, if at all possible, and most reports are on this basis. Financial year reports for periods differing from the calendar year are accepted in instances where the firms find it impossible to supply calendar year data from accounting records. However the data on employees, salaries and wages are requested on a calendar year basis in all cases.

### Establishment

Data for the annual census is collected on an establishment basis. A firm with more than one plant is required to file a report for each plant. In most cases an establishment is a complete factory; sometimes, however, a plant is divided into two or more establishments when it carries out operations classifiable to different industries and when separate accounting records are available. Usually the statistics for an establishment relate only to the manufacturing activities. Other activities such as construction at the plant by its own employees, wholesale or retail activities carried on at the plant location, etc., are not included. Plants engaged solely in repair work (except in the case of furniture, shipbuilding, boat building, aircraft and railway rolling stock industries) are not included but plants occupied in assembling parts into complete units are included.

### Employees

Administrative and office employees include all executives and supervisory officials such as presidents, vice-presidents, secretaries, treasurers, etc., together with managers, professional and technical employees, superintendents and factory supervisors above the working foremen level, and clerical employees. Working owners and partners are also included in this category.

Production and related workers include all other factory workmen whether paid on a monthly, weekly, hourly or piece-work basis. Working foremen doing work similar to that of the employees they supervise are included, as are maintenance, ware-

housing and delivery staffs. Employees on new construction work, in retail or wholesale operations, on outside piece work etc. are not included.

Production workers are reported by months, an average for the year being obtained by summing the monthly figures and dividing by twelve. This procedure is followed even though the plant did not operate in all months. Figures on employment refer to calendar years whether or not some establishments reported other data on a financial year basis.

### Salaries and Wages

Salaries and wages refer to gross earnings of the employees described above, including salaries, wages, commissions, bonuses, the value of room and board where provided, deductions for income tax and social services such as sickness and unemployment insurance, pensions, etc., as well as any other allowances forming part of the employees' wages. Payments for overtime are included.

Salaries refer to amounts paid to administrative and office employees. Withdrawals by working owners or partners for normal living expenses for self and family are included but not their withdrawals for income tax. Wages refer to the amounts paid to production and related workers as defined above. Data on earnings refer to the calendar year whether or not some establishments reported other data on a financial year basis.

### Cost of Fuel and Electricity

Figures for fuel refer to amounts actually used, (including fuel used in cars and trucks), not to purchases unless the quantities are the same. Values refer to the laid-down cost at the works, including freight, duty, etc.

### Materials and Supplies Used

Figures represent quantities and laid-down cost values, at the works, of materials and supplies actually used during the year whether purchased from others or received as transfers from other plants of the reporting company. Amounts paid to other manufacturers for work done on materials owned by the reporting company are included. Returnable containers or any other items charged to capital account are not included. Fuels are not included. Goods bought from others or received as transfers from other plants or reporting companies for resale without further processing are not included. Maintenance and repair supplies not chargeable to capital account are included.

### Factory Shipments

Factory shipments refer to shipments of goods made from own materials either in the reporting plant or by other manufacturers on the basis of a charge to the reporting plant for work done. All products and by-products shipped from the establishment are included whether for domestic use, export, or for government departments. Transfer shipments to sales outlets, distributing warehouses or to other manufacturing units of the reporting firm are included. Goods bought or received as transfers



and resold without further processing are not included. Values are computed on f.o.b. plant or plant warehouse basis, and do not include sales tax or excise duties. Values of containers not returnable are included. Amounts received in payment for work done on materials owned by others are included.

In a few industries such as shipbuilding, aircraft, etc., where work on principal products extend over a relatively long period, the value of production is recorded rather than the value of shipments. For those industries production is computed from the value of deliveries of complete units during the year plus the value of work done during the year on unfinished units less the value of work done in previous years on finished units delivered in the year under review.

### **Inventories**

Values represent the book values of manufacturing inventories owned and held at the reporting plant. Figures include inventories held in warehouses or selling outlets which have been included with plant operations for purposes of reporting shipments.

### **Value added by Manufacturing**

Figures are computed from value of shipments plus or minus changes in inventories of finished goods and goods in process less cost of materials, fuel and electricity. This figure is sometimes referred to as net production.<sup>1</sup>

### **Standard Industrial Classification**

The revised Standard Industrial Classification which has been introduced with the 1960 Census of Manufactures provides for a breakdown of the universe into 140 industries arranged in 20 major groups compared with 135 industries in 17 major groups in the old classification which was used in the compilations for the years 1949 to 1959 inclusive. It incorporates changes considered desirable on the basis of experience in using the earlier classification as well as those which take account of changes in the structure of Canadian industries associated with the rapid developments of the past decade. Full details are contained in the Standard Industrial Classification Manual, Catalogue No. 12-501, which is available from either the Queen's Printer or the Dominion Bureau of Statistics. Reporting establishments are classified or allotted to specific industries on the basis of the value of principal products made or shipped.

Many industries remain unchanged in the new classification but in many instances there have been substantial changes in content because of the shifting of establishments from one industry to another or in re-grouping of establishments. Where

changes have occurred the principal statistics for 1957, 1958 and 1959 have been re-compiled to provide data on a basis comparable with those for 1960.

### **Short Forms**

Between 1949 and 1957, in an effort to ease the reporting burden for smaller firms, a short form was used asking for the total value of shipments only or, in a few cases where losses of detail were significant, for quantities and values of principal products. For purposes of publication, missing data were estimated on the basis of appropriate ratios. In general the cut-off point for these short forms was set at \$50,000 value of shipments. About 40% of the total number of establishments reported on the short form and accounted for less than 3 per cent of the total value of shipments.

In 1958, in order to establish a new base year, the small firms were asked to report all items of principal statistics together with some detail on materials and products.

For the 1959 Census, the short form was used again, but further steps were taken to ease the respondents' burden. First, the general limit for short forms was raised to \$100,000 value of shipments. In addition, a new intermediate form was developed. This form is a shortened version of the long form in that most of the general questions were pared down and the detailed lists of materials and products were limited to the more important items. The general limits for firms in this category were set at between \$100,000-\$500,000 value of shipments, but in the case of both the short and intermediate forms there were lower cut-offs for a number of industries in which the smaller firms accounted for a larger share of total shipments. On the other hand, limits were raised where this could be done without a significant loss of coverage. On most of the short forms for 1959, in addition to total value of shipments, data on principal products were requested. In a few industries, where loss of employment and earnings data were considered too large because of higher cut-offs, a question on total payroll was placed on the short form. This practice was followed again in 1960.

The intermediate and long forms provide complete data for the compilation of all elements of principal industry statistics and the details of materials and products. The one-page short form, although containing data on principal products and total value of shipments, does not request information on other elements of principal statistics such as value of inventories, materials, fuel and electricity and, in most cases, employment and salaries and wages, nor does it contain detailed data on volume and value of materials used. For purposes of compiling aggregates of principal statistics by industry and by geographic location, the missing data for each establishment were estimated for 1959 by using, in general, ratios based on the change in the value of shipments between 1958 and 1959. The proportion of the estimated data was generally less than 5 per cent of the total in each category of principal statistics.

<sup>1</sup> To arrive at the National Accounts concept of "gross domestic product at factor cost", it would be necessary to subtract also the cost of office supplies used, advertising, insurance and other goods and services obtained from other businesses. Data on these inputs are not collected on the annual Census of Manufactures. Value added figures for "The primary industries and construction" are published in D.B.S. publication 61-202, *Survey of Production*.

# PAINT AND VARNISH MANUFACTURERS

1960

Data presented in this report under the heading of Paint and Varnish Manufacturers reflect implementation of the revised Standard Industrial Classification (SIC) which is being used by the Dominion Bureau of Statistics in its compilation of 1960 industry statistics—see item "Standard Industrial Classification" in the Explanatory Notes section of this report. For statistical purposes the industry titled Paint and Varnish Manufacturers in the revised Standard Industrial Classification covers the operations of establishments primarily engaged in manufacturing paints, varnishes, lacquers, enamels and shellac. This industry also includes establishments primarily engaged in manufacturing products such as putty, filler, oil stains and thinners.

In many instances, adoption of the revised Standard Industrial Classification effected a radical shifting of manufacturing establishments as between industry groupings. However, in the case of establishments engaged in manufacturing paints and varnishes, changes brought about by the implementation of the revised Standard Industrial Classification were minimal as evidenced in the comparative series of statistics presented in Tables 1A and 1B. Table 1A shows data for these establishments according to the "old" concept while Table 1B carries figures re-compiled on the "new" or revised Standard Industrial Classification basis.

There were 139 establishments classified as Paint and Varnish Manufacturers in 1960; there being 1 in Newfoundland, 2 in Nova Scotia, 1 in New Brunswick, 38 in Quebec, 73 in Ontario, 5 in Manitoba, 3 in Alberta and 16 in British Columbia. Employees in the industry numbered 6,164; salaries and wages totalled \$27,666,977; fuel and electricity

cost \$1,031,448; materials used in manufacturing processes cost \$74,264,463; and factory shipments were valued at \$147,475,788.

The establishments in this industry make paints and varnishes as their main products, but some also manufacture other lines, such as floor wax, adhesives, dry colours, 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 value of all paint and varnish shipments was \$140,160,000 in 1960 as compared with \$140,620,000 in 1959.

The total Canadian output in 1960 of some of the leading paint products (including the amounts from other industries) was as follows: 22,749,000 gallons of ready-mixed paints at \$96,027,000; 3,269,000 gallons of varnishes and shellac at \$9,743,000; 2,566,000 gallons of lacquers at \$8,270,000; 2,884,000 gallons of thinners at \$4,356,000; 13,778,000 pounds of putty at \$1,676,000.

**Note:** Due to lack of inventory data, figures for value added by manufacture prior to 1954 were obtained by subtracting the cost of materials used, including fuel and electricity, from the total value of factory shipments. In 1954 and 1955 the "Value added" adjustment incorporated the increase or decrease to shipments values resulting from changes in the value of inventories over the period. For these two years, the adjustments that were made used only the change in finished product inventory owned by manufacturers. Beginning with 1956 the calculation of the "Value added" figure was further adjusted to take into account the "Goods in process" as well as the finished goods held at plant or plant warehouse.

**TABLE 1A. Principal Statistics of the Paints, Varnishes and Lacquers Industry, Significant Years, 1929-59**

Basis: Standard Industrial Classification in use Prior to 1960

Year and province	Estab-lish-ments	Em-ployees	Salaries and wages	Cost of fuel and electricity at plant	Cost at plant of materials used	Value added by manufacture <sup>1</sup>	Selling value of factory shipments
	number				dollars		
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
1954 .....	124	5,719	19,624,624	831,292	55,060,771	51,899,254	107,727,373
1955 .....	122	5,994	20,768,461	874,952	59,785,089	58,245,997	117,184,189
1956 .....	126	6,211	22,713,345	969,925	65,155,888	60,438,750	126,312,114
1957 .....	129	6,316	24,288,330	1,002,965	65,590,927	64,528,051	131,132,991
1958 .....	131	6,234	25,221,595	963,046	70,560,548	73,063,764	143,096,594
1959 .....	134	6,340	26,624,119	986,187	72,959,855	74,316,626	148,618,625

<sup>1</sup> See note to text.



**TABLE 1 B. Principal Statistics, Paint and Varnish Manufacturers,  
by Provinces, 1957-60**

Basis: Standard Industrial Classification Revised 1960

Year and province	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of fuel and electricity at plant	Cost at plant of materials used	Value added by manufacture <sup>1</sup>	Selling value of factory shipments	
	Number				dollars			
1957								
Quebec .....	36	2,322	9,237,128	274,795	20,117,038		40,075,323	31%
Ontario .....	69	3,059	12,005,905	591,432	35,676,663		71,715,134	55
Manitoba .....	5	270	782,408	45,065	3,121,045		5,615,576	4
British Columbia .....	13	456	1,628,505	64,211	4,573,167		9,542,446	7
Newfoundland .....	1	142	382,117	20,781	1,316,804	2	2,560,863	2
Nova Scotia .....	2							
New Brunswick .....	1							
Alberta .....	1							
Canada .....	128	6,249	24,036,063	996,284	64,804,717		129,509,342	
1958								
Quebec .....	36	2,337	9,595,983	252,042	20,717,707		41,849,705	29
Ontario .....	71	2,962	12,297,731	576,319	38,652,928		76,889,827	54
Manitoba .....	5	275	852,914	41,472	3,790,435		6,554,913	5
British Columbia .....	15	468	1,819,007	67,808	5,577,906		13,645,391	10
Newfoundland .....	1	132	421,601	21,546	1,460,679	2	3,006,935	2
Nova Scotia .....	2							
New Brunswick .....	1							
Alberta .....	1							
Canada .....	132	6,174	24,987,236	959,187	70,199,655		141,946,771	
1959								
Quebec .....	36	2,357	10,017,258	236,967	20,577,401		42,335,783	29
Ontario .....	74	2,977	12,809,487	600,277	40,108,817		80,536,947	55
Manitoba .....	5	295	997,174	45,753	4,004,923		6,898,130	5
British Columbia .....	17	499	2,085,204	74,738	6,102,141		14,530,235	10
Newfoundland .....	1	152	484,822	26,164	1,682,119	2	3,391,858	2
Nova Scotia .....	2							
New Brunswick .....	1							
Alberta .....	2							
Canada .....	138	6,280	26,393,945	983,899	72,475,401		147,692,953	
1960								
Quebec .....	38	2,292	10,689,521	255,380	21,344,310	22,029,497	43,388,716	29
Ontario .....	73	2,943	13,181,075	618,806	41,499,286	39,347,505	81,379,086	55
Manitoba .....	5	268	994,396	53,420	3,795,798	2,814,646	6,613,889	4
British Columbia .....	16	510	2,295,340	79,316	5,970,091	6,604,485	12,683,525	9
Newfoundland .....	1	151	506,645	24,526	1,654,978	1,747,900	3,410,572	2
Nova Scotia .....	2							
New Brunswick .....	1							
Alberta .....	3							
Canada .....	139	6,164	27,666,977	1,031,448	74,264,463	72,544,033	147,475,788	

<sup>1</sup> See note to text.

<sup>2</sup> The changeover to the new classification has delayed the recompilation of "value added" figures for these years and same will not be available until the next issue of this report.

TABLE 2. Inventories<sup>1</sup>: Paint and Varnish Manufacturers, 1960

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
	dollars			
Opening:				
Quebec .....	2,633,144	225,470	3,308,819	6,167,433
Ontario .....	5,388,415	1,621,538	7,368,894	14,378,847
Manitoba .....	625,023	38,280	1,109,831	1,773,134
British Columbia .....	821,374	190,963	1,539,146	2,551,483
Other provinces .....	467,235	6,438	332,645	806,318
<b>Canada .....</b>	<b>9,935,191</b>	<b>2,082,689</b>	<b>13,659,335</b>	<b>25,677,215</b>
Closing:				
Quebec .....	2,848,215	196,431	3,578,329	6,622,975
Ontario .....	5,405,969	1,572,979	7,503,964	14,482,912
Manitoba .....	644,012	35,282	1,162,804	1,842,098
British Columbia .....	1,156,682	184,063	1,516,413	2,857,158
Other provinces .....	396,420	5,202	350,713	752,335
<b>Canada .....</b>	<b>10,451,298</b>	<b>1,993,957</b>	<b>14,112,223</b>	<b>26,557,478</b>

<sup>1</sup> Book value of all manufacturing inventories owned and held at plant and plant warehouses.

TABLE 3. Factory Shipments: Paint and Varnish Manufacturers, 1960

Product	Quantity	Value of factory shipments
		\$
Paste paints (not including water-paste paints) .....	lb. 591,447	163,982
Semi-paste paints (not including water-thinned type) .....	Imp. gal. 60,566	282,809
Ready mixed paints and enamels — Exterior type .....	" 10,738,379	44,612,020
Interior type .....	" 11,259,629	49,914,649
Water-thinned paints and enamels:		
Latex base emulsion paints .....	" 4,643,312	18,200,264
Resin and other bases emulsion paints (paste and semi-paste) .....	" 372,877	1,155,387
Casein and other protein bound, glue bound:		
Dry .....	lb. 595,748	81,292
Paste and semi-paste .....	Imp. gal. 4,570	10,326
Plastic texture, paste and dry .....	lb. 230,562	30,298
Calcimines .....	" 373,253	48,964
Lime and cement bound .....	" 1,377,134	185,866
Other water-thinned paints .....	... 122,999	
Lacquers — Cellulose types .....	Imp. gal. 2,231,797	7,090,424
Non-cellulose types .....	" 223,804	881,344
Stains (including varnish stains) .....	" 281,296	901,557
Thinners and reducers .....	" 2,827,157	4,278,196
Varnishes (for interior and exterior use including shellac varnish, natural and synthetic resin base varnishes, japans, etc. but exclud- ing next item) .....	" 2,579,185	8,151,739
Insulating varnishes, electrical types .....	" 53,494	167,225
Colours in oil (except white lead) .....	" 21,471	195,955
Floor wax .....	... 59,015	
Oils — Boiled linseed, core, stand, blown and enamel .....	" 11,765	20,116
Paint and varnish removers .....	" 130,093	421,081
Patching materials — For walls .....	lb. 15,697,517	1,372,545
For floors .....	" 897,951	165,078
Wood and metal sash putties .....	" 12,108,228	1,541,438
Wall size and other sizing materials .....	" 179,321	42,936
All other products <sup>1</sup> .....	... 7,378,283	
<b>Total value of shipments .....</b>	<b>...</b>	<b>147,475,788</b>

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

TABLE 4. Materials Used: Paint and Varnish Manufacturers, 1960

Materials	Quantity	Cost at plant
	lbs.	\$
<b>Prime pigments:</b>		
White:		
Antimony oxide .....	38,443	9,892
Basic carbonate white lead—Dry .....	1,054,624	187,630
In oil .....	176,928	32,861
Basic silicate white lead .....	954,161	191,153
Basic sulphate white lead .....	107,682	19,333
Lithopone (30% zinc sulphide) .....	2,080,529	281,593
Titanium dioxide .....	32,667,796	8,458,330
Extended titanium dioxide pigments .....	27,972,318	3,121,796
Zinc oxide—Lead free .....	4,195,358	630,804
Leaded .....	366,013	59,253
Other white pigments .....	895,680	118,294
Black:		
Lampblack .....	127,482	33,004
Bone black .....	54,535	13,230
Carbon black .....	311,381	103,602
Graphite .....	82,413	17,214
Other black pigments .....	65,574	16,857
Coloured:		
Chrome yellow and orange pigments .....	1,680,083	629,124
Cadmium yellow and orange pigments .....	31,064	29,744
Organic yellow and orange pigments .....	115,118	202,725
Other yellow and orange pigments .....	663,596	298,105
Chrome green pigments .....	776,266	335,948
Chromium oxide and hydrated green pigments .....	108,691	65,179
Phthalocyanine greens .....	84,163	267,855
Other green pigments .....	43,546	48,817
Iron blues .....	126,134	69,490
Phthalocyanine blues .....	72,204	226,081
Other blue pigments .....	123,844	135,549
Lithol reds .....	21,229	30,284
Toluidine reds .....	445,525	547,876
Para reds .....	86,456	75,264
Cadmium red and maroon pigments .....	57,086	140,184
Other red and maroon pigments .....	144,944	416,109
Iron oxides (See item immediately below) .....	3,717,771	440,614
Ochres, siennas, umbers (not including item immediately above) .....	299,838	48,241
Red lead, including orange mineral .....	1,683,967	260,133
Litharge .....	276,296	41,493
Metallic powders (aluminum, bronze, etc.) .....	1,171,171	576,095
All other coloured pigments .....	278,336	127,985
<b>Extender pigments:</b>		
Aluminum stearate .....	253,569	66,259
Asbestine or talc .....	17,329,632	454,875
Barytes .....	1,803,478	66,279
Bentonite .....	343,493	144,367
Blanc fixe .....	567,270	46,495
Calcium carbonate (whiting and chalk) .....	32,480,577	669,184
Calcium stearate .....	28,607	9,455
Calcium sulphate (gypsum) .....	1,919,408	35,511
Cement (portland) .....	1,052,245	30,905
Diatomaceous earth (dicalite, kieselguhr, celite, etc.) .....	1,789,227	121,235
Kaolin or china clay .....	3,964,577	127,962
Mica .....	2,364,002	152,759
Silica sand and ground quartz .....	2,249,370	90,491
Zinc stearate .....	99,147	25,892
Other extender pigments .....	5,425,816	499,554
<b>Oils:</b>		
Linseed oil:		
Raw .....	8,536,644	1,238,595
Boiled and refined .....	8,922,764	1,362,070
Blown .....	2,984,525	509,669
Heat-bodied .....	5,746,429	1,054,183
Processed:		
Polymerol .....	714,533	123,723
Varnol .....	158,282	32,440
Castor oil:		
Raw .....	597,260	109,550
Dehydrated .....	911,757	235,217



TABLE 4. Materials Used: Paint and Varnish Manufacturers, 1960 - Continued

Materials	Quantity	Cost at plant
	lbs.	\$
<b>Oils - Concluded:</b>		
Chinawood (tung) oil .....	3, 179, 599	607, 483
Fish oils .....	269, 983	69, 178
Oiticica oil .....	25, 611	4, 911
Perilla oil .....	—	—
Silicone oil .....	15, 721	27, 069
Soya bean oil .....	9, 318, 839	1, 070, 831
Sunflower oil .....	533, 455	92, 606
Tall oil .....	1, 781, 530	163, 692
Other oils .....	2, 522, 944	361, 239
<b>Resins:</b>		
<b>Natural:</b>		
Copal .....	113, 520	16, 807
Manilla .....	82, 515	17, 616
Damaar .....	115, 869	25, 448
Kauri .....	9, 500	1, 275
Rosin .....	2, 096, 750	287, 905
Other .....	531, 410	86, 839
<b>Synthetic:</b>		
Acrylic .....	1, 355, 441	344, 882
Styrenated alkyds .....	1, 409, 014	338, 632
Other alkyds .....	31, 130, 802	5, 747, 846
Amines .....	1, 428, 463	514, 818
Coumarone - Indene .....	456, 726	72, 469
Epoxy .....	1, 180, 584	547, 652
Ester gum .....	1, 401, 793	294, 000
Limed rosin .....	286, 215	45, 585
Maleics .....	911, 312	241, 358
Pure phenolics .....	1, 120, 049	434, 184
Modified phenolics .....	1, 100, 089	281, 795
Urea-formaldehyde .....	954, 148	165, 878
Vinyls .....	1, 168, 817	433, 658
Other .....	2, 462, 113	676, 155
<b>Shellac:</b>		
Orange .....	172, 545	56, 687
Bleached .....	724, 525	331, 183
Other .....	208, 856	80, 581
<b>Solvents:</b>		
Acetone .....	916, 392	104, 021
<b>Alcohol:</b>		
Amyl (fusel oil) .....	18, 950	2, 895
Butyl (including isobutyl) .....	2, 094, 368	346, 853
Ethyl (denatured or not) .....	2, 359, 636	228, 135
Isopropyl .....	2, 384, 524	186, 736
Methyl (wood or methylated spirits) .....	1, 004, 922	102, 194
Amyl acetate .....	114, 995	21, 680
Butyl acetate .....	2, 573, 843	402, 986
Butyl "Carbitol" .....	51, 830	17, 349
Butyl "Cellosolve" .....	342, 146	84, 185
Butyl lactate .....	10, 904	2, 234
"Cellosolve" acetate .....	248, 262	58, 113
<b>Coal tar solvents:</b>		
Benzol .....	391, 070	24, 746
Toluol .....	14, 116, 811	592, 563
Xylol .....	13, 210, 842	627, 633
Other coal tar solvents .....	2, 200, 358	123, 041
Creosote .....	221, 420	18, 610
Dibutyl phthalate .....	214, 884	56, 244
Ethyl acetate .....	1, 926, 583	247, 170
Ethyl lactate .....	4, 183	2, 085
Methylene chloride .....	736, 758	98, 316
Methyl amyl acetate .....	610, 730	105, 022
Methyl ethyl ketone .....	675, 526	100, 090
Methyl isobutyl ketone .....	1, 383, 952	226, 334
Petroleum distillates .....	87, 212, 969	3, 122, 790
Propyl acetate .....	2, 521, 364	276, 210
Turpentine .....	2, 494, 988	235, 633
Other paint, varnish and lacquer solvents and plasticizers .....	9, 901, 294	1, 021, 587

TABLE 4. Materials Used: Paint and Varnish Manufacturers, 1960 - Concluded

Materials	Quantity	Cost at plant
	lb.	\$
<b>Driers:</b>		
Naphthenates .....	2, 473, 791	728, 414
Resinates .....	36, 276	6, 642
Linoleates .....	51, 523	11, 743
Other driers .....	279, 784	105, 469
<b>Miscellaneous:</b>		
Acid:		
Fatty:		
Oleic .....	56, 683	8, 928
Stearic .....	34, 862	6, 964
Other fatty acids .....	2, 197, 699	381, 813
Muriatic .....	85, 785	2, 584
Nitric .....	—	—
Sulphuric .....	370	57
Anti-skinning agents .....	297, 591	291, 480
Asphalt .....	4, 099, 801	104, 931
Beta naphthol .....	2, 400	68
Carboxymethylcellulose .....	57, 418	53, 516
Casein .....	1, 113, 867	222, 916
Chlorinated rubber .....	271, 931	154, 794
Ethyl cellulose .....	22, 734	19, 376
Formaldehyde (100% solids content) .....	233, 496	28, 150
Glycol, ethylene .....	571, 839	97, 415
Glycols, other (mono, di, tri, etc.) .....	563, 875	100, 619
Glycerine .....	2, 220, 918	671, 484
Glyceryl mono oleate .....	7, 400	2, 915
Glue .....	260, 971	56, 610
Latex emulsion .....	13, 058, 926	2, 290, 029
Lecithin .....	356, 426	77, 604
Nitrocellulose .....	2, 785, 457	891, 653
Pentaerythritol .....	3, 305, 586	998, 595
Phthalic anhydride .....	9, 275, 484	1, 719, 891
Pitch, coal tar .....	1, 220, 675	62, 762
Potassium bichromate .....	2, 045	377
Sodium bichromate .....	99, 551	11, 677
Sodium prussiate .....	23, 340	2, 908
Urea .....	169, 448	14, 711
Varnishes .....	4, 912, 535	873, 696
Wax:		
Beeswax .....	1, 844	620
Carnauba .....	9, 458	8, 312
Paraffin .....	59, 594	8, 914
Other .....	98, 549	28, 215
All other materials <sup>1</sup> .....	...	6, 633, 201
Containers and other packaging materials or supplies .....	...	10, 196, 282
<b>Totals .....</b>	<b>...</b>	<b>74, 264, 463</b>

<sup>1</sup> No detailed information on materials used was collected from firms generally reporting value of shipments of less than \$200,000. The total estimated value of materials used by these firms was \$1,569,500 and this amount is included in "All other Materials".

TABLE 5. Factory Shipments,<sup>1</sup> Imports and Exports of Paints and Varnishes, 1956-60

Year	Factory shipments <sup>1</sup>	Imports	Exports
		dollars	
1956 .....	119, 355, 000	4, 587, 000	1, 284, 000
1957 .....	124, 031, 000	4, 404, 000	1, 058, 000
1958 .....	135, 207, 000	5, 256, 000	1, 082, 000
1959 .....	140, 620, 000	5, 669, 000	1, 195, 000
1960 .....	140, 160, 000	6, 149, 000	929, 000

<sup>1</sup> Shipments figures represent the total Canadian shipments, including some paints and varnishes made in other industries.

<sup>2</sup> The totals for factory shipments include thinners, paint and varnish removers, ready mixed paints, paste and semi-paste paints, water thinned paints, varnishes and shellacs, lacquers and stains.

Note: For details on Imports and Exports see Tables 12 and 13.



TABLE 6. Factory Shipments, Imports and Exports of Putty, 1951-60

Year	Factory shipments		Imports		Exports	
	Quantity	Selling value at plant	Quantity	Value	Quantity	Value
	lbs.	\$	lbs.	\$	lbs.	\$
1951 .....	11,032,000	807,000	185,000	36,000	89,000	5,000
1952 .....	11,178,000	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
1957 .....	12,633,000	1,094,000	839,000	129,000	9,000	500
1958 .....	16,207,000	1,621,000	1,081,000	162,000	8,000	1,280
1959 .....	12,137,000	1,468,000	998,000	165,000	10,000	1,505
1960 .....	13,778,000	1,676,000	633,000	142,000	54,500	11,930

TABLE 7. Principal Statistics, classified according to Type of Ownership: Paint and Varnish Manufacturers, 1957 and 1960

Type	Estab-lish-ments	Em-ployees	Salaries and wages	Cost at plant of materials used	Selling value of factory shipments
	number		dollars		
<b>1957</b>					
Individual ownership .....	17	61	186,526	508,041	815,747
Partnerships .....	1				
Incorporated companies .....	110	6,188	23,849,537	64,296,676	128,693,595
<b>Totals .....</b>	<b>128</b>	<b>6,249</b>	<b>24,036,063</b>	<b>64,804,717</b>	<b>129,509,342</b>
<b>1960</b>					
Individual ownership .....	16	40	130,088	375,281	600,116
Partnerships .....	3	10	28,500	65,000	114,479
Incorporated companies .....	120	6,114	27,508,389	73,824,182	146,781,193
<b>Totals .....</b>	<b>139</b>	<b>6,164</b>	<b>27,666,977</b>	<b>74,264,463</b>	<b>147,475,788</b>

TABLE 8. Principal Statistics Grouped According to Selling Value of Factory Shipments: Paint and Varnish Manufacturers, 1957 and 1960

Establishments reporting value of factory shipments	Estab-lish-ments	Em-ployees	Salaries and wages	Cost at plant of materials used	Selling value of factory shipments
	number		dollars		
<b>1957</b>					
Under \$10,000 .....	4	6	16,058	6,585	21,789
\$ 10,000 to \$ 24,999 .....	9	17	43,390	77,653	128,694
25,000 " 49,999 .....	11	44	120,305	214,530	393,795
50,000 " 99,999 .....	15	100	306,103	620,798	1,134,489
100,000 " 199,999 .....	17	145	547,571	1,525,716	2,487,462
200,000 " 499,999 .....	22	353	1,295,245	4,005,239	8,947,579
500,000 " 999,999 .....	18	600	2,156,199	8,093,904	11,089,679
1,000,000 " 4,999,999 .....	30	2,955	11,387,627	34,110,399	70,259,591
5,000,000 and over .....	4	1,720	6,505,146	18,149,893	37,046,284
Head offices .....	—	309	1,678,419	—	—
<b>Totals .....</b>	<b>128</b>	<b>6,249</b>	<b>24,036,063</b>	<b>64,804,717</b>	<b>129,509,342</b>
<b>1960</b>					
Under \$10,000 .....	6	8	15,000	15,500	33,586
\$ 10,000 to \$ 24,999 .....	5	12	30,500	32,000	71,527
25,000 " 49,999 .....	14	41	117,491	273,931	538,196
50,000 " 99,999 .....	18	83	279,412	646,998	1,247,821
100,000 " 199,999 .....	15	96	351,920	1,075,924	1,980,062
200,000 " 499,999 .....	28	447	1,961,796	5,604,584	9,568,844
500,000 " 999,999 .....	15	535	2,192,972	6,007,121	11,488,114
1,000,000 " 4,999,999 .....	31	2,475	10,920,859	33,608,351	65,800,288
5,000,000 and over .....	7	2,194	9,843,179	27,000,054	58,951,370
Head offices .....	—	275	1,953,646	—	—
<b>Totals .....</b>	<b>139</b>	<b>6,164</b>	<b>27,666,977</b>	<b>74,264,463</b>	<b>147,475,788</b>

TABLE 9. Employees and their Earnings, Paint and Varnish Manufacturers, 1959 and 1960

Province	Employees					Earnings		
	Supervisory and office		Production workers		Total	Supervisory and office	Production workers	Total
	Male	Female	Male	Female				
1959	number					dollars		
Quebec .....	794	447	987	129	2,357	5,936,731	4,080,527	10,017,258
Ontario .....	821	433	1,627	96	2,977	5,929,183	6,880,304	12,809,487
Manitoba .....	53	25	184	33	295	374,845	622,329	997,174
British Columbia .....	128	67	252	52	499	1,042,045	1,043,159	2,085,204
Other provinces .....	32	19	82	19	152	197,745	287,077	484,822
Canada .....	1,828	991	3,132	329	6,280	13,480,549	12,913,396	26,393,945
1960								
Quebec .....	799	439	959	95	2,292	6,420,889	4,268,632	10,689,521
Ontario .....	813	428	1,608	94	2,943	6,216,387	6,964,688	13,181,075
Manitoba .....	49	23	165	31	268	397,601	596,795	994,396
British Columbia .....	143	75	243	49	510	1,166,541	1,128,799	2,295,340
Other provinces .....	30	20	84	17	151	200,613	306,032	506,645
Canada .....	1,634	985	3,059	286	6,164	14,402,031	13,264,946	27,666,977

TABLE 10. Production Workers, by Months: Paint and Varnish Manufacturers, 1960

Month	Establishments reporting monthly detail <sup>1</sup>	
	Male	Female
January .....	2,884	263
February .....	2,957	284
March .....	3,003	307
April .....	3,079	318
May .....	3,128	324
June .....	3,153	314
July .....	3,102	306
August .....	3,025	292
September .....	2,897	272
October .....	2,831	246
November .....	2,707	237
December .....	2,642	230
Average for establishments reporting monthly detail .....	2,954	284
Average estimated for small establishments <sup>2</sup> .....	105	2
Average for all establishments .....	3,059	286

<sup>1</sup> The number of production workers, by months, was collected only for establishments generally reporting value of shipments of \$200,000 and over.

<sup>2</sup> For establishments generally reporting value of shipments of less than \$200,000, no data on number of workers were collected. Average was estimated by using change in value of shipments to arrive at value of payroll which was then used in conjunction with estimated average earnings to arrive at number of workers.



TABLE 11. Fuel and Electricity Used: Paint and Varnish Manufacturers, 1960

Kind	Quantity	Cost at plant
		\$
1. Establishments reporting commodity detail: <sup>1</sup>		
Bituminous coal:		
(a) From Canadian mines .....	ton 832	12,912
(b) Imported .....	" 4,131	45,638
Anthracite coal .....	" 30	562
Lignite coal .....	" 26	248
Coke .....	" 357	7,229
Gasoline (including gasoline used in cars and trucks) .....	Imp. gal. 177,519	72,156
Fuel oil including kerosene or coal oil .....	3,335,049	352,931
Wood .....	cord 10	71
Gas (a) Liquefied petroleum gases .....	Imp. gal. 11,099	4,410
(b) Other manufactured gas .....	M cu. ft. 1,178	2,290
(c) Natural gas .....	" 83,166	79,713
Other fuel .....	..	5,765
Electricity purchased .....	kwh. 28,019,195	388,979
Steam purchased .....	..	19,084
2. Estimate for establishments for which no data were collected: <sup>2</sup>		
Cost of fuel and electricity .....	...	39,460
3. All establishments:		
Total cost of fuel and electricity .....	...	1,031,448

<sup>1</sup> Establishments generally reporting value of shipments of \$200,000 and over.<sup>2</sup> Establishments generally reporting value of shipments of less than \$200,000.

TABLE 12. Imports of Paints and Varnishes, 1959 and 1960

Item	1959		1960	
	Quantity	Value	Quantity	Value
		\$		\$
Artist's and school children's colours; fitted boxes and pastels .....	..	1,056,376	..	1,089,380
Liquid fillers, anti-corrosive and anti-fouling paints, and ground and liquid paints n.o.p. .... gal.	724,842	3,018,997	732,689	3,209,521
Paints and colours, ground in spirits, and all spirit varnishes and lacquers .....	103,223	600,363	128,317	739,752
Varnish, lacquers, japans, japan driers, liquid driers and oil finish n.o.p. ....	286,631	993,082	229,326	1,109,865
Total imports .....	...	5,668,818	...	6,148,518

TABLE 13. Exports of Paints and Varnishes, 1959 and 1960

Item	1959		1960	
	Quantity	Value	Quantity	Value
		\$		\$
Enamels and lacquers .....	..	61,699	..	65,122
Paint, n.o.p. ....	..	965,972	..	710,011
Varnish .... gal.	66,514	167,450	53,090	153,653
Total exports .....	...	1,195,121	...	928,786

## Directory of Firms: Paint and Varnish Manufacturers, 1960

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
Alpece Paint Co. ....	25 St. Joseph, Lachine
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, Limited .....	3975 St. Ambroise St., Montreal
Crown Diamond Paint Co. Ltd. ....	41 Bates Road, Outremont
Continental Paint and Varnish Works Ltd. ....	5069 Vaillant, Montreal
Durify Paint and Lacquer Co., Ltd. ....	4230 Hogan St., Montreal
Ferox Coatings Inc. ....	7920-16th Ave., Ville, St. Michel
Gallant Paint Company Ltd. ....	Charlemagne
Glidden Co. Ltd., The .....	133 Elmslie, Montreal
International Lacquer Products Ltd. ....	6935 Park Ave., Montreal
International Paints (Canada) Ltd. ....	6700 Park Ave., Montreal
Joliet Paint and Varnish Reg'd .....	7035 Notre Dame St., E., Montreal
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
Liquid Steel Paint Products Co., Ltd. ....	7581 St. Hubert, Montreal
Moore, Benjamin & Co. Ltd. ....	9393 St. Michel Blvd., Montreal
Norlantic Paint Co. Ltd. ....	Fabreville
O'Neil Paints Inc. ....	2571 Notre Dame E., Montreal
Peinture Nationale Limitée .....	1556 St. Valier, Québec
Peinture Sico Ltée (Sico Paint, Ltd.) .....	3280 St-Anne, Giffard
Protective Coatings Limited .....	1080 Pratt Ave., Outremont
R.S. Chemicals Co. ....	56 Willowdale, Montreal
Reardon Company, Limited .....	146 St. Peter St., Montreal
Reliance Varnish Co. of Canada Ltd. ....	Daveluyville
Richie Manufacturing Co. ....	1081 Smith St., 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
United Paint Co. ....	2555 Charlemagne, 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>	
Allied Specialty Mfg. Co. Ltd. ....	11 Carson St., Toronto
Alma Paint and Varnish Company, Ltd. ....	65 Duke St., London
Acme Paint and Varnish Co., Ltd. ....	120-24th St., Long Branch
Architectural Sealants Ltd. ....	Clarkson
Armet Industries Limited .....	151 Surrey St., Guelph
Aulcraft Paints Ltd. ....	303 Campbell Ave., Toronto
Brampton Paint Co. ....	3 Research Rd., Brampton
British Paints (Canada) Limited .....	Oakville
Burnett & Son Luminous Products .....	35 Ferncroft Drive Scarborough
C & B Products Co. ....	4 Bartlett Ave., Toronto
Canada Varnish Limited .....	53-67 Laird Drive, Leaside
Canadian Industries Limited .....	Ft. of Langston St., West, Toronto
Canadian Industries Limited .....	Castlefield and Ronald Aves., Toronto
Canadian Pittsburg Industries Ltd. ....	1600 Lake Shore, Long Branch
Canadian Pittsburg Industries Ltd. (Paint Div.) .....	1160 Central Ave., Windsor



## Directory of Firms: Paint and Varnish Manufacturers, 1960 - Continued

Name of firm	Location of plant
<b>Ontario - Concluded:</b>	
Cosmos Chemical Co., Ltd. ....	Cavan St., Port Hope
Docco Mfg., Co. ....	216 Moore Park, Willowdale
Dupont Co. of Canada Ltd. ....	Ajax
Essex Paint Co. ....	1716 Mercer St., Windsor
Epoxylite of Canada Ltd. ....	Fort Erie
Ferns, J.L. ....	Waldemar
Flame-Crete Co. of Canada Ltd. ....	98 Crockford Blvd., Scarborough
Glidden Co., Limited ....	372 Wallace Ave., Toronto
Goudey, John E., Manufacturing Ltd. ....	21 Primrose Ave., Toronto
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
Imperial Flo-Glaze Paints Ltd. ....	6 Morse St., Toronto
Industrial Lacquer Specialties Ltd. ....	840 Eastern Ave., Toronto
Jacroy Canada Limited ....	421 Comstock Rd., Scarboro
Kingston Paint Limited ....	Norman Rogers Airport, Kingston Twp.
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 ....	315 Symington Ave., Toronto
Marvelite Products (Ontario) Ltd. ....	42 Racine Rd., Rexdale
Masse Manufacturing Co., Ltd. ....	264 Macdonell Ave., Toronto
Master Varnish & Paint Co. ....	33 Princess, Hamilton
Maurice Paint Co., Ltd. ....	2249 Weston Rd., 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
National Paint Products ....	57 Rutherford St., Toronto
Niagara Paint & Chemical Co., Ltd. ....	Hillyard St., Hamilton
Northern Paint & Varnish Co., Ltd. ....	1st Ave., West, Owen Sound
Ocean Chemicals (Canada) Ltd. ....	71 Crockford Blvd., Scarboro
Ontario Paint and Varnish Co., Ltd. ....	268 Pape Ave., Toronto
O.P.W. Paints Limited ....	687 Wellington St., Ottawa and Walkerville
Paralac Paint Mfg., Co. ....	3775 Dundas St., W., Toronto
Para Paint Ltd. ....	25 Racine Rd., Rexdale
Penfound Varnish Company, Limited ....	30 Bethridge, Rexdale
Pfeiffer, F.W., Company ....	25-6th Ave., Kitchener
Pierce & Stevens Canada Limited ....	Catherine St. & Concession Rd., Fort Erie
Plastoid of Canada Ltd. ....	45 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 ....	188 New Toronto St., Toronto
Russette, M.M., Industries Ltd. ....	2437 Howard Ave., Windsor
Scarfe and Company, Limited ....	35 Greenwich St., Brantford
Smyth, John, Manufacturing Company ....	31 Colborne St., Brantford
Starlac Company ....	21 Raleigh at Birchmount Rd., Toronto
Sterling Varnish Co. of Canada Ltd. ....	Marren St., St. Catharines
Sturgeons, Limited ....	9 Sturgeons Road, Toronto
Supreme Paint Manufacturing Company ....	153 Kendall Ave., Toronto
Tone-Craft Paint & Varnish Co., Ltd. ....	10 Carson St., Toronto
Toronto Protective Coatings ....	302 Bridgeland Ave., Toronto
Trelco, Limited ....	925 Rose Lawn Ave., Toronto
Tremco Manufacturing Co. (Canada) Ltd. ....	220 Wicksteed Ave., Toronto
Universal Asphalt Mastic Products Co. ....	14 Eugene Ave., Toronto
Webb Products Co. (Canada) Ltd. ....	139 Stephenson St., Toronto
<b>Manitoba:</b>	
International Laboratories, (1957) 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 Paints Ltd. ....	176 Market Ave., Winnipeg
<b>Alberta:</b>	
Edmonton Paint and Glass Co., Ltd. ....	10049-105th St., Edmonton
Marvelite Products Ltd. ....	10930-84th St., Edmonton
Plastigo Industries Ltd. ....	12830-126th Ave., Edmonton



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## Directory of Firms: Paint and Varnish Manufacturers, 1960 — Concluded

Name of firm	Location of plant
<b>British Columbia:</b>	
Brandram-Henderson of B.C., Ltd. ....	Granville Island, Vancouver
British American Paint Company, Ltd. ....	200 Belleville St., Victoria
Canadian Elastileum Ltd. ....	846 River Rd., Richmond
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
Goodacre Alfred A. ....	6369 Arbroath, Burnaby
G. R. Chemicals Ltd. ....	450 Vernon Drive, Vancouver
Henderson, Geo. C., Co., Ltd. ....	60 East Broadway, Vancouver
International Paints (Western) Ltd. ....	126 Harbour St., North Vancouver
Moore, Benjamin, Co., Ltd. ....	Annacis Industrial Estate, New Westminster
North West Products ....	1147 Venables St., Vancouver
Sepctrum Chemicals Ltd. ....	230 Brunette, New Westminster
Sherwin-Williams Co. of Canada, Ltd. ....	Delta, New Westminster
Skykololl Co. of Canada Ltd., The ....	11105 Bridge St., North Surrey
Walker Bros., Limited ....	5684 Beresford St., Burnaby