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CANADA
DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
CENSUS OF INDUSTRY
MINING, METALLURGICAL & CHEMICAL BRANCH

THE PAINTS, PIGMENTS AND
VARNISHES INDUSTRY

IN

CANADA

1939



OTTAWA
1941

Price 25 cents



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ANNUAL INDUSTRY REPORTCHEMICALS AND ALLIED PRODUCTS GROUPTHE PAINTS, PIGMENTS AND VARNISHES INDUSTRY, 1939.

Manufacturers of paints, pigments and varnishes reported a production valued at \$25,355,506 in 1939 against \$24,317,532 in 1938. Corresponding totals for other years amounted to \$25,531,117 in 1937, \$22,651,225 in 1926, \$20,341,407 in 1935, and \$18,618,371 in 1934.

A total of 93 plants operated in this industry during 1939, distributed by provinces as follows: 47 in Ontario, 28 in Quebec, 9 in British Columbia, 5 in Manitoba, 1 in Saskatchewan, 1 in Alberta and 1 each in Nova Scotia and New Brunswick. Works in Ontario accounted for almost 47 per cent and establishments in Quebec accounted for about 40 per cent.

Capital employed by the establishments included in this group was reported at \$26,346,301 as against \$24,252,436 in the previous year. The value of lands, buildings and machinery was given at \$11,099,718, inventories at \$7,558,371 and cash on hand, bills and accounts receivable at \$7,690,212. Forty-eight per cent of the reported investment was for plants located in Quebec and 35 per cent for works in Ontario.

Total production in Canada of some of the leading items, including small quantities from other industries, was as follows in 1939: 4,629,351 gallons of ready mixed paints at \$10,064,285; 2,300,139 gallons of varnishes at \$3,475,028; 1,505,990 gallons of enamels at \$4,639,311; 721,432 gallons of cellulose lacquers at \$1,842,310; 6,375,385 pounds of dry colours at \$584,635; 6,636,224 pounds of paste paints and fillers at \$735,208; 1,038,290 pounds of colours in Japan or oil at \$217,698; 7,920,746 pounds of water paints and size at \$572,257; 303,343 gallons of stains at \$488,580; 7,079,889 pounds of putty at \$256,479; 700,460 gallons of pyroxylin thinners at \$688,109.

Imports of paints, pigments and varnishes at \$4,661,956 in 1939 were 23 per cent above the 1938 total of \$3,774,148. Among the principal imports were lithopone at \$765,522; oxide pigments fillers and colours at \$954,927; zinc white at \$450,954; antimony and titanium oxide at \$803,198 and carbon black at \$479,236.

Exports, consisting chiefly of mixed paints, were valued at \$1,559,661, an increase of 71 per cent from the 1938 figure. Of this year's total, \$553,066 went to the United Kingdom, \$353,681 to the United States, \$66,244 to Newfoundland, \$32,488 to New Zealand, \$142,710 to British West Indies, \$15,074 to Hong Kong, \$71,490 to British South Africa, and \$60,901 to Australia.

Table 1 - PRODUCTION IN CANADA, IMPORTS AND EXPORTS OF PAINTS, PIGMENTS AND VARNISHES, 1926 - 1939

Years	Gross value of production for the paints industry	Imports	Exports
	\$	\$	\$
1926	22,279,382	4,377,998	502,183
1927	22,606,063	4,964,468	423,548
1928	24,703,733	5,549,481	502,970
1929	27,103,465	6,219,302	490,426
1930	23,966,502	4,663,681	480,819
1931	18,536,463	3,478,179	308,469
1932	14,912,383	2,765,137	374,274
1933	14,896,693	2,480,126	383,368
1934	18,618,371	3,292,956	599,907
1935	20,341,407	3,651,492	741,639
1936	22,651,225	4,115,617	862,335
1937	25,531,117	4,997,904	1,021,948
1938	24,317,532	3,774,148	909,875
1939	25,855,506	4,661,956	1,559,661

Table 2 - PRINCIPAL STATISTICS OF THE PAINTS, PIGMENTS AND VARNISHES INDUSTRY, 1929 - 1939

Years	No. of plants	Capital employed	Average number of employees	Salaries and wages	Cost of fuel and electricity at works	Cost of materials at works	Gross selling value of products at works
		\$		\$	\$	\$	\$
1929	69	26,471,976	2,851	4,260,019	351,664	12,414,829	27,103,465
1930	78	26,212,828	2,835	4,307,998	300,355	11,094,435	23,966,502
1931	75	24,985,476	2,780	4,281,861	249,933	7,974,852	18,536,463
1932	71	23,978,252	2,658	3,858,813	252,272	6,295,860	14,912,383
1933	78	22,438,251	2,540	3,464,947	247,067	6,153,836	14,896,693
1934	79	22,816,098	2,859	3,825,538	274,567	7,949,941	18,618,371
1935	80	22,709,466	3,060	4,242,116	289,845	9,610,743	20,341,407
1936	78	23,274,558	3,124	4,428,387	288,915	10,817,694	22,651,225
1937	82	23,853,360	3,324	4,827,199	305,775	12,307,011	25,531,117
1938	87	24,252,436	3,412	5,003,001	307,789	11,333,307	24,317,532
1939	93	26,348,301	3,540	5,311,616	331,316	12,080,774	25,855,506

% change 1939 from 1938 ... - +8.2 +3.8 +6.2 +7.6 +6.6 +6.3

Table 3 - PRINCIPAL STATISTICS, BY PROVINCES, 1938 and 1939.

Provinces	No. of plants	Capital employed	Average number of employees	Salaries and wages	Cost of fuel and electricity at works	Cost of materials at works	Gross selling value of products at works
		\$		\$	\$	\$	\$
<u>1938</u>							
Quebec	27	11,752,125	1,238	1,915,227	144,807	4,788,029	9,793,346
Ontario	41	8,614,504	1,618	2,448,184	126,467	5,015,452	11,333,362
Manitoba	5	1,395,893	211	258,757	21,158	664,937	1,290,171
British Columbia ...	8	1,710,240	196	275,760	6,438	581,847	1,372,772
Nova Scotia..	1)						
New Brunswick	1)						
Saskatchewan.	2)	779,674	99	105,073	8,919	283,042	527,881
Alberta	2)						
CANADA	87	24,252,436	3,412	5,003,001	307,789	11,333,307	24,317,532
<u>1939</u>							
Quebec	28	12,806,995	1,367	1,985,465	156,451	5,157,640	10,477,490
Ontario	47	9,300,506	1,662	2,665,129	136,368	5,284,862	12,184,272
Manitoba	5	1,470,328	208	256,417	21,399	683,287	1,202,886
British Columbia ...	9	1,909,110	201	286,274	7,946	641,957	1,408,043
Nova Scotia..	1)						
New Brunswick	1)	861,362	102	118,331	9,152	313,028	582,815
Saskatchewan.	1)						
Alberta	1)						
CANADA	93	26,348,301	3,540	5,311,616	331,316	12,080,774	25,855,506

Table 4 - CAPITAL EMPLOYED, BY CLASSES AND BY PROVINCES, 1938 and 1939.

Provinces	Present value of lands, buildings, machinery, tools and other equipment	Inventory value of materials on hand, stocks in process, finished products and miscellaneous supplies on hand	Operating capital (cash, bills and accounts receivable, prepaid expenses, etc.)	TOTAL CAPITAL EMPLOYED
	\$	\$	\$	\$
<u>1938</u>				
Quebec	5,848,690	2,900,672	3,002,765	11,752,125
Ontario	3,516,579	2,715,889	2,382,036	8,614,504
Manitoba	810,755	388,455	196,683	1,395,893
British Columbia	604,836	538,977	566,427	1,710,240
Other provinces.	393,169	200,913	185,592	779,674
CANADA	11,174,029	6,744,906	6,333,501	24,252,436
<u>1939</u>				
Quebec	5,896,909	3,277,691	3,632,395	12,806,995
Ontario	3,414,086	3,036,081	2,850,339	9,300,506
Manitoba	804,863	464,675	200,790	1,470,328
British Columbia	618,011	528,730	762,369	1,909,110
Other provinces.	365,849	251,194	244,319	861,362
CANADA	11,099,718	7,558,371	7,690,212	26,348,301

Table 5 - EMPLOYEES, SALARIES AND WAGES, BY PROVINCES, 1938 and 1939.

Provinces	Average number of employees					Salaries \$	Wages \$	TOTAL SALARIES and WAGES \$
	On salaries		On wages		TOTAL			
	Male	Female	Male	Female				
1 9 3 8								
Quebec	448	120	647	73	1,288	1,152,593	762,634	1,915,227
Ontario	582	161	817	58	1,618	1,476,142	972,042	2,448,184
Manitoba	76	12	109	14	211	137,848	120,909	258,757
British Columbia	54	16	112	14	196	150,527	125,233	275,760
Other provinces.	42	8	45	4	99	59,835	45,238	105,073
CANADA	1,202	317	1,730	163	3,412	2,976,945	2,026,056	5,003,001
1 9 3 9								
Quebec	461	123	705	78	1,367	1,159,633	825,832	1,985,465
Ontario	592	183	829	58	1,662	1,654,172	1,010,957	2,665,129
Manitoba	72	12	106	18	208	134,202	122,215	256,417
British Columbia	59	16	112	14	201	162,824	123,450	286,274
Other provinces.	41	10	46	5	102	69,892	48,439	118,331
CANADA	1,225	344	1,798	173	3,540	3,180,723	2,130,893	5,311,616

Table 6 - WAGE-EARNERS, BY MONTHS, 1938 and 1939 (On the last work-day of each month)

Months	1 9 3 8			1 9 3 9		
	Male	Female	TOTAL	Male	Female	TOTAL
January	1,645	154	1,799	1,708	164	1,872
February	1,649	157	1,806	1,703	167	1,870
March	1,696	163	1,859	1,755	172	1,927
April	1,755	172	1,927	1,804	183	1,987
May	1,849	173	2,022	1,873	190	2,063
June	1,829	173	2,002	1,845	184	2,029
July	1,779	162	1,941	1,802	174	1,976
August	1,759	160	1,919	1,788	168	1,956
September	1,714	159	1,873	1,797	168	1,965
October	1,711	165	1,876	1,832	171	2,003
November	1,714	168	1,882	1,841	173	2,014
December	1,659	163	1,822	1,829	171	2,000
AVERAGE	1,730	163	1,893	1,798	173	1,971

Table 7 - HOURS WORKED PER WEEK BY WAGE-EARNERS, 1939 (In one week of month of highest employment; overtime not included)

Hours worked per week	Number of wage-earners	Per cent of total	Hours worked per week	Number of wage-earners	Per cent of total
30 hours or less ..	13	0.6	49 - 50 hours ..	160	7.8
31 - 43 hours	367	18.0	51 - 54 hours ..	50	2.5
44 hours	692	34.0	55 hours	13	0.6
45 - 47 hours	174	8.6	56 - 64 hours ..	71	3.5
48 hours	478	23.5	65 hours and over	17	0.9
TOTAL				2,035	100.0
Total wages paid in selected week				\$ 40,531	

Table 10 - MATERIALS USED IN MANUFACTURING, 1938 and 1939

Materials	Unit of measure	1 9 3 8		1 9 3 9	
		Quantity	Cost at works \$	Quantity	Cost at works \$
Pigments, colours and fillers -					
Basic carbonate white lead, dry	lb.	3,086,356	243,122	2,956,247	224,944
Basic carbonate white lead, in oil	lb.	1,137,940	90,796	1,135,597	86,549
Basic sulphate white lead	lb.	366,808	28,727	405,269	28,655
Iron oxide pigments	lb.	1,643,705	70,736	1,763,236	80,274
Litharge	lb.	979,297	65,741	821,897	53,141
Lithopone	lb.	14,235,197	582,832	15,842,379	657,788
Metallic powders (aluminium, etc.)	lb.	249,438	102,375	380,687	134,740
Nitrocellulose	lb.	899,612	191,681	924,001	189,154
Red lead	lb.	794,826	60,282	790,225	64,384
Resins, synthetic	lb.	1,825,890	306,102	2,507,381	364,049
Titanium white, pure	lb.	1,341,359	200,552	1,855,288	275,103
Titanium pigments, reduced	lb.	2,561,978	177,996	3,232,946	219,811
Zinc oxide, pure	lb.	2,616,269	148,751	3,148,377	168,066
Zinc oxide, leaded, and zinc leads	lb.	3,653,872	185,726	3,987,884	195,816
Asbestine or talc	lb.	4,659,866	63,788	4,700,461	59,565
Barytes	lb.	2,729,212	46,288	2,884,985	49,659
Blanc fixe	lb.	116,545	3,287	139,408	4,455
Graphite	lb.	93,209	4,057	96,267	4,164
Kaolin or china clay	lb.	1,916,572	20,088	2,116,649	21,410
Satin white or gypsum	lb.	308,315	2,764	288,269	4,986
Silica or quartz	lb.	1,675,336	23,986	1,496,296	21,511
Whiting	lb.	12,606,848	113,206	13,466,131	126,042
Coal tar lakes	lb.	167,505	111,637	153,490	119,965
Chrome colours	lb.	1,425,687	215,524	1,592,092	252,100
Lampblack and other carbon blacks	lb.	375,698	49,846	396,053	53,201
Ochres, siennas and umbers	lb.	973,151	41,062	1,045,360	46,134
Prussian blue	lb.	78,810	33,523	84,877	36,196
Ultramarine blue	lb.	131,133	20,772	154,324	22,813
Sodium bichromate	lb.	490,607	34,837	524,675	43,044
Sodium prussiate, yellow	lb.	235,897	22,664	243,207	22,984
Other dry colours	lb.	1,049,560	177,696	1,074,039	225,742
All other pigments, fillers and colours	lb.	2,535,230	132,266	2,236,523	119,415
Driers -					
Cobalt salts	lb.	43,703	17,993	52,979	21,638
Glue	lb.	370,184	69,346	362,354	67,157
Linoleate driers	lb.	14,861	2,803	13,763	2,610
Manganese salts	lb.	46,396	5,427	52,461	6,017
Resins	lb.	4,857,757	263,040	5,079,688	237,558
Resinate driers	lb.	27,416	4,305	19,988	2,787
Shellac	lb.	663,887	102,902	616,942	115,709
Other gums and waxes	lb.	1,275,809	127,863	1,533,808	153,677
All other driers	xx	279,477	35,538	311,475	48,240

Table 10 - MATERIALS USED IN MANUFACTURING, 1938 and 1939 (Continued)

Materials	Unit of measure	1 9 3 8		1 9 3 9	
		Quantity	Cost at works \$	Quantity	Cost at works \$
Oils and solvents -					
Castor oil	Imp.gal.	25,889	27,451	21,693	16,875
Chinawood oil	lb.	4,318,857	645,797	4,694,099	757,962
Fish oils	Imp.gal.	118,820	63,456	183,330	80,022
Linseed oil, raw	Imp.gal.	1,073,078	787,370	1,203,645	769,549
Linseed oil, boiled	Imp.gal.	764,031	616,051	759,953	503,371
Perilla oil	lb.	3,950,735	293,497	5,643,673	342,092
Soya bean oil	Imp.gal.	45,134	39,902	53,266	32,944
Other oils	Imp.gal.	201,272	128,463	263,436	170,698
Acetone	lb.	234,093	20,517	282,534	22,984
Acetic acid	lb.	327,066	23,138	374,011	25,151
Alcohol, ethyl	Proof gal.	191,848	108,192	217,874	122,974
Alcohol, wood (methyl hydrate)	Imp.gal.	115,141	82,022	130,991	93,236
Amyl acetate	lb.	757,076	93,137	733,905	82,192
Amyl alcohol	Imp.gal.	2,082	2,125	15,339	10,962
Asphalt and asphaltum	lb.	932,083	24,220	1,024,626	26,965
Benzol	Imp.gal.	102,087	40,249	68,930	20,976
Butyl alcohol	lb.	512,673	52,289	445,863	44,154
Butyl acetate	lb.	531,295	60,887	623,483	73,458
Creosote	Imp.gal.	32,932	10,229	44,506	13,780
Ethyl acetate	lb.	2,040,300	166,639	2,120,650	151,678
Petroleum distillates	Imp.gal.	3,410,664	551,543	3,697,509	540,256
Pitch, coal tar	13,869	...	18,877
Toluol	Imp.gal.	239,679	95,666	243,873	78,797
Turpentine	Imp.gal.	262,654	107,030	278,416	101,767
Varnishes	Imp.gal.	234,884	198,391	179,921	186,069
Xylol	Imp.gal.	73,210	30,929	108,742	62,313
Cans, cases, barrels, labels, etc.	xx	...	1,733,543	...	1,882,086
All other materials, including pig lead	xx	...	1,114,778	...	1,237,333
TOTAL	\$...	11,335,307	...	12,080,774

Table 11 - PRODUCTS MADE, 1938 and 1939

Products	Unit of measure	1 9 3 8		1 9 3 9	
		Quantity	Selling value at works \$	Quantity	Selling value at works \$
Colours, dry	lb.	5,680,535	598,671	6,375,385	584,635
Colours in japan or oil	lb.	1,117,014	221,413	1,038,290	217,698
Enamels - Synthetic type	Imp.gal.	777,964	2,394,386	964,220	3,131,798
Oil type	Imp.gal.	599,310	1,830,955	535,768	1,489,513
Lacquers - Cellulose, clear ..	Imp.gal.	327,297	710,272	384,378	827,900
Cellulose, pigmented	Imp.gal.	304,067	981,867	337,054	1,014,410
Paints, water, (including size)	lb.	6,981,322	428,704	7,920,746	572,257
Paints, paste, (including fillers)	lb.	6,132,520	682,034	6,636,224	735,208
Paints, ready mixed (including asphalt and tar, iron oxide, metallic and liquid fillers)	Imp.gal.	4,529,643	9,666,539	4,606,351	10,017,785
Stains - oil, spirit, varnish and creosote	Imp.gal.	297,579	474,615	303,343	488,580
Varnishes (including japans, shellac and driers)	Imp.gal.	2,286,205	3,466,082	2,278,139	3,443,128
Wax, floor - paste	lb.	149,192	37,024	172,649	41,438
liquid	Imp.gal.	9,032	14,563	6,931	11,520
Oils - linseed, boiled, core, stand, blown and enamel	Imp.gal.	282,682	251,133	267,153	238,084
Paint and varnish removers ...	Imp.gal.	53,158	104,828	62,508	123,326
Putty	lb.	6,422,394	224,101	7,079,889	256,479
Thinners, pyrozylin and paint	Imp.gal.	662,338	674,537	700,460	688,109
All other products (x)	xx	...	1,555,808	...	1,973,637
TOTAL	xx	...	24,317,532	...	25,855,506

(x) Includes data for items reported by less than 3 firms, such as white lead, red lead, litharge, soaps, varnished cambric, caulking material, auto polish, furniture polish, etc.

Table 12 - IMPORTS OF PAINTS, PIGMENTS AND VARNISHES INTO CANADA FOR CONSUMPTION, 1939

Items	Unit of measure	From UNITED KINGDOM	From UNITED STATES	From OTHER COUNTRIES	TOTAL
<u>Chemical Pigments, Lead -</u>					
Litharge	Cwt.	9,324	13,209	-	22,533
	\$	65,529	89,369	-	154,898
Lead, red, dry, and orange mineral	lb.	374,905	75,980	-	450,885
	\$	25,268	6,351	-	31,619
Lead, white, dry	lb.	1,060	7,264	-	8,324
	\$	164	537	-	701
Lead, white, ground in oil	lb.	11,170	3,599	-	14,769
	\$	1,036	526	-	1,562
Antimony oxide and titanium oxide	lb.	1,689,329	7,302,923	11,441	9,003,693
	\$	227,805	574,193	1,200	803,198
<u>Other Chemical Pigments -</u>					
Black, carbon	lb.	51,932	17,291,350	-	17,343,282
	\$	3,495	475,741	-	479,236
Blacks, lamp, bone and ivory	lb.	9,882	675,055	47,622	732,559
	\$	770	56,758	3,672	61,200
Blanc fixe	lb.	332,627	678,476	86,856	1,097,959
	\$	8,299	17,972	1,054	27,325
Brocade and bronze powders	lb.	192	32,319	42,553	75,064
	\$	111	18,737	14,217	33,065
Lithopone	lb.	7,353,075	5,457,339	8,442,400	21,252,814
	\$	270,750	235,562	259,210	765,522
Oxide of cobalt	lb.	-	525	-	525
	\$	-	301	-	301
Oxide of tin and copper	lb.	102,232	44,234	25,994	172,460
	\$	36,557	10,646	13,983	61,186
Oxides, fireproofs, rough stuff, fillers and colours, dry, n.o.p.	lb.	1,341,071	4,817,67	188,298	6,347,048
	\$	208,402	709,278	37,247	954,927
Paris green, dry	lb.	25,806	-	-	25,806
	\$	4,320	-	-	4,320
Satin white	lb.	143,430	133,721	-	277,151
	\$	3,513	1,720	-	5,233
Ultramarine blue, dry or in pulp	lb.	276,825	154,739	35,907	467,471
	\$	31,577	24,093	3,596	59,266
Zinc white (zinc oxide)	lb.	8,299,403	1,844,636	395,611	10,539,650
	\$	317,926	121,900	11,128	450,954
<u>Mineral Earth Pigments -</u>					
Ochres, ochrey earths, siennas and umbers	lb.	422,507	2,312,460	359,709	3,094,676
	\$	9,367	40,937	6,569	56,873
Putty	lb.	2,448	88,664	485,775	576,887
	\$	255	7,579	5,421	13,255

Table 12 - IMPORTS OF PAINTS, PIGMENTS AND VARNISHES INTO CANADA FOR CONSUMPTION
1939 (Concluded)

Items	Unit of Measure	From UNITED KINGDOM	From UNITED STATES	From OTHER COUNTRIES	TOTAL
<u>Mineral Earth Pigments - concluded</u>					
Artists' and school children's colours	\$	64,419	16,664	4,430	85,513
Gold liquid paint	\$	19	3,828	32	3,879
Liquid fillers, anti-corrosive and anti-fouling paints, and ground in liquid paints, n.o.p.	gal.	27,956	148,109	4,459	180,524
	\$	44,841	255,234	4,581	304,656
Paints and colours, ground in spirits, and all spirit varnishes and lacquers	gal.	1,539	16,403	100	18,042
	\$	6,425	51,872	261	58,558
Varnishes, lacquers, japans, japan driers, liquid driers and oil finish, n.o.p.	gal.	6,866	85,844	676	93,386
	\$	11,537	176,742	1,792	190,071
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 of china, porcelain or semi-porcelain	lb.	46,350	13,336	-	59,686
	\$	41,903	12,735	-	54,638
TOTAL - PAINTS, PIGMENTS AND VARNISHES	\$	1,384,288	2,909,275	368,393	4,661,956

Table 13 - EXPORTS OF PAINTS, PIGMENTS AND VARNISHES FROM CANADA, 1939

Items	Unit of measure	To UNITED KINGDOM	To UNITED STATES	To OTHER COUNTRIES	TOTAL
Acetylene Black	lb.	923,016	2,398,960	399,275	3,721,251
	\$	98,180	252,150	45,806	396,136
Iron oxides	Cwt.	8,143	31,125	9,713	48,981
	\$	28,420	94,183	40,105	162,708
Mineral pigments, n.o.p.	Cwt.	-	2,232	1,234	3,466
	\$	-	5,177	10,435	15,612
White lead, dry or in oil	Cwt.	1,129	-	1,438	2,567
	\$	8,182	-	12,749	20,931
Enamels and lacquers	\$	4	297	55,002	55,303
Paints, n.o.p.	\$	411,269	1,752	463,697	876,718
Putty	Cwt.	4	5	986	995
	\$	50	25	3,313	3,388
Varnish	Gal.	4,495	37	15,515	20,047
	\$	6,961	97	21,807	28,865
TOTAL - PAINTS, PIGMENTS AND VARNISHES	\$	553,066	353,681	652,914	1,559,661

DIRECTORY OF FIRMS IN THE PAINTS, PIGMENTS AND VARNISHES INDUSTRY IN CANADA, 1939

<u>Names of Firms</u>	<u>Location of Plants</u>
<u>NOVA SCOTIA</u> -	
Brandram-Henderson, Limited	230 Kempt Road, Halifax
<u>NEW BRUNSWICK</u> -	
Maritime Paint & Chemical Co. Ltd.	348 Main St., Moncton
<u>QUEBEC</u>	
Brandram-Henderson, Limited	6684 St. Urbain St., Montreal
Canadian Industries Limited	2100 St. Patrick St., Montreal
Carter White Lead Co. of Canada, Ltd.	1295 Delorimier Ave., Montreal
Cie de Peintures et Vernis Mont-Royal Ltée	5669 Casgrain St., Montreal
Coatwell Paint & Varnish Co. Ltd.	147 Nazareth St., Montreal
Conant Co.	3975 St. Ambroise St., Montreal
Crown Diamond Paint Co. Limited	41 Bates Road, Outremont.
Dominion Metal Co. Ltd.	108 Frontenac St., Sherbrooke
International Lacquer Products	3958 Colonial Ave., Montreal
International Paints (Canada) Limited	6700 Park Ave., Montreal
Jamieson, Jas. W., & Co. Limited	2691 Charlemagne St., Montreal
Julien, Chas. H.	6699 Park Ave., Montreal
La Cie Peinture & Vernis "Moderne"	2010a Sicard St., Montreal
La Peinture Loyale Canadienne Ltée	1129 Notre Dame St. W., Montreal
McArthur, Irwin, Limited	11 Bates Road, Outremont
Martin-Senour Co. Limited	6833 De l'Epée Ave., Montreal
National Paint Ltd.	11a rue Chateauguay, Quebec
Peinture Sico Enregistrée	340 Prince Edward St., Quebec
Ritchie Mfg. Co.	1081 Wellington St., Montreal
Reardon Co. Ltd.	146 St. Peter St., Montreal
Rock Paint & Varnish Ltd.	583 Inspecteurs St., Montreal
Shell Paint & Varnish Co.	5244 Casgrain Ave., Montreal
Sherwin-Williams Co. of Canada, Limited	2875 Centre St. and 1957 Hunter St., Montreal
Steel Company of Canada, Limited	2320 Notre Dame St. W., Montreal
Thorp-Hambrook Limited, and The Murphy Company Limited	2720 St. Patrick St., Montreal
X-Acto Products Reg'd.	1183 Clark St., Montreal
Zenith Paint Incorporated	5540 Cote des Neiges Road, Montreal
<u>ONTARIO</u>	
Acme Paint & Varnish Co. Ltd.	120 - 26th St., Long Branch
Adams Paint Mfg. Company Ltd.	Courtwright St., Fort Erie
Allen, Geo., Co.	159 Kendall Ave.,
Anchor Paint Co.	92 Norwich St., Guelph
Artists' Colour Co.	157 Stephenson St., Toronto
Aulcraft Paints Ltd.	313 Symington Ave., Toronto
Bedford Paint Co.	15th & Birmingham Sts., New Toronto.
Berry Brothers	Walker Road, Walkerville
Brooks Oil Co.	461 Cumberland Ave., Hamilton
Canada Varnish Co. Limited	53 Laird Drive, Leaside
Canadian Art Laboratory	154 Dalhousie St., Toronto
Canadian Industries Limited	Perth and Kingsley Sts., Toronto
Claxton Mfg. Co.	749 Jane St., Toronto
Commercial Chemical Co.	Lea & Laird Drive, Leaside
Cosmos Chemical Co. Ltd.	Cavan St., Port Hope
Glidden Co. Limited	372 Wallace Ave., Toronto
Gypsum, Lime and Alabastine, Canada, Ltd.	Willow St., Paris

DIRECTORY OF FIRMS IN THE PAINTS, PIGMENTS AND VARNISHES INDUSTRY IN CANADA, 1939 -

(Concluded)

Names of Firms

Location of Plants

ONTARIO - (Concluded)

Hamilton Paint & Varnish Works	61 Biggar Ave., Hamilton
Hannan Varnish Co. Limited	15 Water St. S., Galt
Imperial Varnish & Color Co. Limited	8 Morse St., Toronto
Industrial Coating Co.	255 Logan Ave., Toronto
Lakeside Varnish Co.	Montcalm Ave., York Twp., Toronto
Langmuir Paint Co. Ltd.	Dundas St., Oakville
Lowe Brothers Co. Ltd.	263 Sorauren Ave., Toronto
Marietta Paints & Finishes of Canada Ltd.	40 Dovercourt Road, Toronto
Masse Manufacturing Co.	261 Macdonell Ave., Toronto
Mercury Varnish Co. Ltd.	3 Academy St., St. Catharines
Moore, Benjamin, & Co. Limited	Mulock and Lloyd Aves., Toronto
Morin, J. H., & Co. Limited	54 Colborne St., Toronto
Muirhead, A., Co. Limited	217 King St. E., and 196 Eastern Ave., Toronto
Northern Paint & Varnish Co. Ltd.	1st Ave. W., Owen Sound
Northern Pigment Company Ltd.	Towns Road, New Toronto
Ottawa Paint Works Limited	687 Wellington St., Ottawa
Ontario Paint and Varnish Co. Limited	268 Pape Ave., Toronto
Nu-Wall Industries Ltd.	rear 883 Logan Ave., Toronto
Penfound Varnish Co. Ltd.	25 Cariboo Ave., Toronto
Pratt & Lambert Inc.	254 Courtwright St., Fort Erie N.
Scarfe & Co. Limited	35 Greenwich St., Brantford
Smyth, John, Mfg. Co.	Mt. Pleasant
Standard Paint & Varnish Co. Ltd.	Wyandotte St. W., Windsor
Standard Ultramarine Co. of Canada Ltd.	132 St. Helen's Ave., Toronto
Storrar Mfg. Co. Ltd.	Dufferin & Rosemount Sts., Weston, Toronto
Sturgeons Limited	330 Carlaw Ave., Toronto
Supreme Paint Mfg. Co.	430 Spadina Ave., Toronto
Trelco Limited	6 Alcina Ave., Toronto
Treuhart Manufacturing Ltd.	Clarke & Wickstead Sts., Leaside
Weir, James, Co. Ltd.	24th St., Long Branch

MANITOBA -

International Laboratories Ltd.	490 Des Meurons St., St. Boniface
Northern Paint Co. Ltd.	394 Gertrude Ave., Winnipeg
Phillips Paint Products	Schultz and Sutherland, Winnipeg
Sherwin-Williams Co. of Canada, Ltd.	110 Sutherland Ave., Winnipeg
Stephens, G. F., & Co. Ltd.	176 Market Ave. E., Winnipeg

SASKATCHEWAN -

Canadian Industries Limited	Lorne and Fifth Aves., Regina
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ALBERTA -

Edmonton Paint & Glass Co. Ltd.	10163 - 105th St., Edmonton
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BRITISH COLUMBIA -

Brandram-Henderson of B.C. Ltd.	Granville Island, Vancouver
British America Paint Co. Ltd.	200 Belleville St., Victoria
Darling, Henry, & Son Ltd.	28 Powell St., Vancouver
General Paint Corporation of Canada, Ltd.	950 Raymur Ave., Vancouver
Harte-Andrews Paints Ltd.	1302 Wharf St., Victoria
Kendall, George R., & Sons	261 - 12th St., New Westminster
Martin-Senour Co. Ltd.	1505 Powell St., Vancouver
North West Products	1147 Venables St., Vancouver
Staneland Co. Ltd.	Bay & Shakespeare Sts., Victoria