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

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**THE PAINTS, PIGMENTS AND**  
**VARNISHES INDUSTRY**  
**IN**  
**CANADA**  
**1938**

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1940

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DEPARTMENT OF TRADE AND COMMERCE  
DOMINION BUREAU OF STATISTICS  
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MINING, METALLURGICAL AND CHEMICAL BRANCH  
OTTAWA - CANADA

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ANNUAL INDUSTRY REPORT - CHEMICALS AND ALLIED PRODUCTS GROUP

THE PAINTS, PIGMENTS AND VARNISHES INDUSTRY, 1938

Manufacturers of paints, pigments and varnishes reported a production valued at \$24,317,532 in 1938 against \$25,531,117 in 1937. Corresponding totals for other years amounted to \$22,651,225 in 1936, \$20,341,407 in 1935 and \$18,618,371 in 1934.

A total of 87 plants operated in this industry during 1938 distributed by provinces as follows: 41 in Ontario, 27 in Quebec, 3 in British Columbia, 5 in Manitoba, 2 in Saskatchewan, 2 in Alberta and 1 in each of Nova Scotia and New Brunswick. Works in Ontario accounted for almost 47 per cent and establishments in Quebec accounted for about 43 per cent.

Capital employed by the establishments included in this group was reported at \$24,252,436 as against \$23,853,360 in the previous year. The value of lands, buildings and machinery was given at \$11,174,029, inventories at \$6,744,906 and cash on hand, bills and accounts receivable at \$6,333,501. Forty-eight per cent of the reported investment was for plants located in Quebec and 35.5 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 1938: 4,544,296 gallons of ready mixed paints at \$9,688,079; 2,256,205 gallons of varnishes at \$5,466,082; 1,377,274 gallons of enamels at \$4,225,341; 631,364 gallons of cellulose lacquers at \$1,692,139; 5,680,535 pounds of dry colours at \$598,671; 6,132,520 pounds of paste paints and fillers at \$682,034; 1,122,014 pounds of colours in japan or oil at \$221,413; 6,981,322 pounds of water paints and size at \$423,704; 297,579 gallons of stains at \$474,615; 6,422,394 pounds of putty at \$224,101; 662,338 gallons of pyroxylin thinners at \$674,537.

Imports of paints, pigments and varnishes at \$3,774,148 in 1938 was 24 per cent under the 1937 total of \$4,997,904. Among the principal imports were lithopone at \$632,273; oxide pigments fillers and colours at \$718,329; zinc white at \$489,850; antimony and titanium oxide at \$512,219 and carbon black at \$371,399.

Exports, consisting chiefly of mixed paints, were valued at \$909,375, a decline of 12 per cent from the 1937 figure. Of this year's total, \$385,857 went to the United Kingdom, \$38,164 to the United States, \$64,303 to Newfoundland, \$47,126 to New Zealand, \$45,130 to Trinidad and Tobago, \$41,174 to Hong Kong, \$39,976 to British South Africa.

Table 1 - PRODUCTION IN CANADA, IMPORTS AND EXPORTS OF PAINTS, PIGMENTS AND VARNISHES,  
1926 - 1938

Years	Gross value of	Imports	Exports
	production for the paints industry		
	\$	\$	\$
1926 .....	22,279,382	4,377,998	502,183
1927 .....	22,606,063	4,964,468	428,548
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

Table 2 - PRINCIPAL STATISTICS OF THE PAINTS, PIGMENTS AND VARNISHES INDUSTRY,  
1921 - 1938

Years	No. of plants	Capital employed	Average	Salaries	Cost of	Cost of	Gross sell-
			number of em- ployees	and wages	fuel and electricity at works	materials at works	ing value of products at works
		\$		\$	\$	\$	\$
1921 .....	49	20,330,951	2,230	3,299,589	248,446	8,868,042	17,172,190
1922 .....	53	21,073,706	2,452	3,421,216	244,507	9,790,603	18,623,305
1923 .....	57	20,806,909	2,591	3,665,823	288,617	9,965,145	20,938,802
1924 .....	55	20,587,856	2,287	3,044,228	282,654	9,778,525	18,187,681
1925 .....	62	21,460,431	2,355	3,093,191	293,893	9,974,106	19,530,082
1926 .....	64	22,890,807	2,484	3,375,961	310,913	10,667,673	22,279,382
1927 .....	62	23,162,090	2,563	3,552,586	312,774	10,474,908	22,606,063
1928 .....	68	24,256,008	2,881	3,967,295	322,549	11,387,295	24,703,733
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

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

Table 3 - PRINCIPAL STATISTICS, BY PROVINCES, 1937 and 1938

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>1937</u>							
Quebec .....	25	11,198,411	1,275	1,895,875	144,964	5,102,651	10,070,024
Ontario .....	38	8,586,787	1,530	2,293,333	126,988	5,534,894	12,135,757
Manitoba .....	5	1,491,957	227	262,076	19,775	748,960	1,422,216
British Columbia ...	8	1,785,792	190	255,052	6,134	564,769	1,306,900
Nova Scotia..	1)						
New Brunswick	1)	790,413	102	120,863	7,914	355,737	596,220
Saskatchewan.	2)						
Alberta .....	2)						
CANADA .....	82	23,853,360	3,324	4,827,199	305,775	12,307,011	25,531,117
<u>1938</u>							
Quebec .....	27	11,752,125	1,288	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)	779,674	99	105,073	8,919	283,042	527,881
Saskatchewan.	2)						
Alberta .....	2)						
CANADA .....	87	24,252,436	3,412	5,003,001	307,789	11,333,307	24,317,532

Table 4 - CAPITAL EMPLOYED, BY CLASSES AND BY PROVINCES, 1937 and 1938

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>1937</u>				
Quebec .....	5,308,704	3,193,207	2,696,500	11,198,411
Ontario .....	3,380,722	2,911,860	2,294,205	8,586,787
Manitoba .....	750,485	529,234	212,238	1,491,957
British Columbia	716,584	581,107	488,101	1,785,792
Other provinces.	402,590	217,731	170,092	790,413
CANADA .....	10,559,085	7,433,139	5,861,136	23,853,360
<u>1938</u>				
Quebec .....	5,848,690	2,900,672	3,002,763	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

Table 5 - SIZE OF ESTABLISHMENTS, ACCORDING TO PRODUCTION, NUMBER OF EMPLOYEES AND CAPITAL EMPLOYED, 1938

	Number of plants		Capital employed	Number of employees		Gross selling value of products at works
			\$			\$
<b>(a) PRODUCTION</b>						
Under \$5,000 .....	5		59,725	8		15,252
\$5,000 to \$10,000 .....	4		67,648	9		24,988
\$10,001 to \$25,000 ...	17		236,043	78		263,922
\$25,001 to \$50,000 ...	12		435,977	78		409,066
\$50,001 to \$100,000 ..	12		1,039,829	193		860,324
\$100,001 to \$250,000..	11		1,790,093	270		1,740,415
\$250,001 to \$500,000..	12		5,473,584	580		4,316,224
\$500,001 to \$1,000,000	7		6,421,025	726		5,259,798
Over \$1,000,000 .....	7		10,728,512	1,470		11,427,545
TOTAL .....	87		24,252,436	3,412		24,317,532
<b>(b) NUMBER OF EMPLOYEES</b>						
1 or 2 .....	11		182,796	17		121,852
3 to 10 .....	29		765,213	165		855,308
11 to 20 .....	13		1,443,659	208		1,670,005
21 to 50 .....	14		3,484,362	429		3,223,137
51 to 100 .....	8		3,322,472	553		3,461,198
101 to 500 .....	12		15,053,934	2,040		14,986,052
TOTAL .....	87		24,252,436	3,412		24,317,532
<b>(c) CAPITAL EMPLOYED</b>						
Under \$25,000 .....	30		375,816	134		513,438
\$25,000 to \$100,000 ..	19		1,033,559	221		1,102,866
\$100,001 to \$500,000..	26		6,690,514	1,079		7,643,892
\$500,001 to \$1,000,000	4		2,956,228	464		3,450,308
Over \$1,000,000 .....	8		13,196,319	1,514		11,607,008
TOTAL .....	87		24,252,436	3,412		24,317,532

Table 6 - EMPLOYEES, SALARIES AND WAGES, BY PROVINCES, 1937 and 1938

Provinces	Average number of employees					Salaries	Wages	TOTAL SALARIES and WAGES
	On salaries		On wages		TOTAL			
	Male	Female	Male	Female				
						\$	\$	\$
<b>1937</b>								
Quebec .....	434	117	651	73	1,275	1,146,969	748,906	1,895,875
Ontario .....	517	153	796	64	1,530	1,325,466	967,867	2,293,333
Manitoba .....	61	10	141	15	227	117,808	144,268	262,076
British Columbia	51	15	111	13	190	129,129	125,923	255,052
Other provinces.	44	10	43	5	120	77,078	43,785	120,863
CANADA .....	1,107	305	1,742	170	3,324	2,796,450	2,030,749	4,827,199
<b>1938</b>								
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

Table 7 - WAGE-EARNERS, BY MONTHS, 1937 and 1938 (On the last work-day of each month)

Months	1937			1938		
	Male	Female	TOTAL	Male	Female	TOTAL
January .....	1,637	151	1,788	1,645	154	1,799
February .....	1,685	162	1,847	1,849	157	1,806
March .....	1,745	173	1,918	1,696	163	1,859
April .....	1,810	185	1,995	1,755	172	1,927
May .....	1,900	200	2,100	1,849	173	2,022
June .....	1,881	189	2,070	1,829	173	2,002
July .....	1,778	171	1,949	1,779	162	1,941
August .....	1,728	164	1,892	1,759	160	1,919
September .....	1,713	160	1,873	1,714	159	1,873
October .....	1,714	164	1,878	1,711	165	1,876
November .....	1,701	167	1,868	1,714	168	1,882
December .....	1,669	162	1,831	1,659	163	1,822
AVERAGE .....	1,742	170	1,912	1,730	163	1,893

Table 8 - REGULAR HOURS WORKED PER WEEK BY WAGE-EARNERS, 1938

Hours worked per week	Per cent of wage-earners	Hours worked per week	Per cent of wage-earners
30 hours or less ...	0.9	49 - 50 hours .....	11.4
31 - 43 hours .....	26.6	51 - 54 hours .....	0.9
44 hours .....	26.6	55 hours .....	0.7
45 - 47 hours .....	6.7	56 - 64 hours .....	2.7
49 - 50 hours .....	11.4	65 hours and over..	0.5

Table 9 - FUEL AND ELECTRICITY USED, 1937 and 1938

Kinds	Unit of measure	1937		1938	
		Quantity	Cost at works	Quantity	Cost at works
			\$		\$
Bituminous coal - Canadian	short ton	7,183	43,292	6,865	42,568
Imported	short ton	9,596	59,928	9,998	61,350
Anthracite coal .....	short ton	749	4,727	678	4,606
Coke .....	short ton	2,995	23,972	2,734	22,791
Gasoline .....	Imp.gal.	200	18	12,219	2,695
Kerosene or coal oil .....	Imp.gal.	360	65	1,428	395
Fuel oil .....	Imp.gal.	395,662	27,161	393,363	25,583
Wood .....	cord	177	925	205	1,014
Gas - Manufactured .....	M cu.ft.	1,431	1,387	1,279	1,299
Natural .....	M cu.ft.	1,038	338	1,046	404
Other fuel .....	xxx	...	3,892	...	5,193
Electricity purchased .....	K.W.H.	7,798,098	140,070	9,180,121	139,891
TOTAL .....	\$	...	305,775	...	307,789

Table 10 - POWER EQUIPMENT, 1937 and 1938

Kinds	1 9 3 7		1 9 3 8	
	Number of units	Total rated horse power	Number of units	Total rated horse power
Steam engines .....	14	744	13	609
Gasoline, gas and oil engines ..	1	9	2	19
Total Primary Equipment .....	15	753	15	628
Electric motors run by purchased power .....	1,002	7,461	1,083	8,107
TOTAL .....	1,017	8,214	1,098	8,735
Electric motors run by power generated in reporting plants..	23	85	23	85
Stationary boilers .....	47	3,555	44	3,486

Table 11 - POWER EQUIPMENT SHOWING "ORDINARILY IN USE" SEPARATELY FROM "IN RESERVE OR IDLE" 1938

	Ordinarily in use		In reserve or idle	
	Number of units	Total rated horse power	Number of units	Total rated horse power
Steam engines .....	12	534	1	75
Gasoline, gas and oil engines...	2	19	...	...
Total Primary Equipment .....	14	553	1	75
Electric motors run by purchased power .....	1,068	7,997	15	110
TOTAL .....	1,082	8,550	16	185
Electric motors run by generated power .....	23	85	...	...
Stationary boilers .....	35	2,711	9	775

Table 12 - MATERIALS USED IN MANUFACTURING, 1937 and 1938

Materials	Unit of measure	1 9 3 7		1 9 3 8	
		Quantity	Cost at works \$	Quantity	Cost at works \$
Pigments, colours and fillers -					
Basic carbonate white lead, dry	lb.	3,239,602	245,539	3,086,356	243,122
Basic carbonate white lead, in oil .....	lb.	1,289,122	103,718	1,137,940	90,796
Basic sulphate white lead .....	lb.	103,830	9,834	366,808	28,727
Iron oxide pigments .....	lb.	1,780,812	81,709	1,643,705	70,736
Litharge .....	lb.	1,051,147	73,724	979,297	65,741
Lithopone .....	lb.	14,322,160	601,406	14,235,197	582,832
Metallic powders (aluminium etc)	lb.	267,733	110,191	249,438	102,375
Nitrocellulose .....	lb.	940,459	201,356	899,612	191,681
Red lead .....	lb.	947,159	77,124	794,826	60,282
Resins, synthetic .....	lb.	(a)	(a)	1,825,890	306,102
Titanium white, pure .....	lb.	1,299,857	193,107	1,341,359	200,552
Titanium pigments, reduced .....	lb.	2,448,484	169,762	2,561,978	177,996



Table 12 - MATERIALS USED IN MANUFACTURING, 1937 and 1938 (Continued)

Materials	Unit of measure	1937		1938	
		Quantity	Cost at works	Quantity	Cost at Works
			\$		\$
<b>Pigments, colours and fillers - (Concluded)</b>					
Zinc oxide, pure .....	lb.	2,619,194	152,347	2,616,269	148,751
Zinc oxide, leaded, and zinc leads .....	lb.	3,538,049	187,602	3,653,872	185,726
Asbestine or talc .....	lb.	4,126,313	50,394	4,659,866	63,788
Barytes .....	lb.	2,630,366	42,821	2,729,212	46,288
Blanc fixe .....	lb.	125,743	4,136	116,545	3,287
Graphite .....	lb.	95,544	4,112	93,209	4,057
Kaolin or china clay .....	lb.	1,942,245	19,246	1,916,572	20,088
Satin white or gypsum .....	lb.	282,643	3,624	308,315	2,764
Silica or quartz .....	lb.	1,671,493	21,306	1,675,336	23,986
Whiting .....	lb.	12,365,754	108,290	12,606,848	113,206
Coal tar lakes .....	lb.	169,861	116,017	167,505	111,637
Chrome colours .....	lb.	1,470,347	219,078	1,425,687	215,524
Lampblack and other carbon blacks	lb.	457,436	49,326	375,698	49,346
Ochres, siennas and umbers .....	lb.	1,132,860	49,082	973,151	41,062
Prussian blue .....	lb.	83,543	35,205	73,810	33,523
Ultramarine blue .....	lb.	148,039	24,891	131,133	20,772
Sodium bichromate .....	lb.	573,267	46,157	490,607	34,837
Sodium prussiate, yellow .....	lb.	262,887	26,240	235,897	22,664
Other dry colours .....	lb.	1,099,549	208,705	1,049,560	177,696
All other pigments, fillers and colours .....	lb.	3,036,938	138,743	2,535,230	132,266
<b>Driers -</b>					
Cobalt salts .....	lb.	37,258	17,062	43,703	17,993
Glue .....	lb.	312,735	56,454	370,184	69,346
Linoleate driers .....	lb.	12,756	2,863	14,861	2,803
Manganese salts .....	lb.	55,423	6,322	46,396	5,427
Resins .....	lb.	5,923,077	457,626	4,857,757	263,040
Resinate driers .....	lb.	40,489	4,670	27,416	4,305
Shellac .....	lb.	562,119	109,863	663,887	102,902
Other gums and waxes .....	lb.	2,017,802	293,040	1,275,809	127,863
All other driers .....	xx	307,277	41,075	279,477	35,538
<b>Oils and solvents -</b>					
Castor oil .....	Imp.gal.	14,322	15,076	25,889	27,451
Chinawood oil .....	lb.	6,436,329	935,077	4,318,857	645,797
Fish oils .....	Imp.gal.	92,859	51,402	118,820	63,456
Linseed oil, raw .....	Imp.gal.	1,275,189	959,026	1,073,078	787,370
Linseed oil, boiled .....	Imp.gal.	731,979	584,416	764,031	616,051
Perilla oil .....	lb.	2,934,165	212,353	3,950,735	293,497
Soya bean oil .....	Imp.gal.	41,241	35,069	45,134	39,902
Other oils .....	Imp.gal.	204,890	152,059	201,272	128,463
Acetone .....	lb.	224,530	20,498	234,093	20,517
Acetic acid .....	lb.	425,701	32,981	327,066	23,138
Alcohol, ethyl .....	Proof gal.	220,487	125,204	191,848	108,192
Alcohol, wood (methyl hydrate) ..	Imp.gal.	101,014	73,648	115,141	82,022
Amyl acetate .....	lb.	705,567	85,881	757,076	93,137
Amyl alcohol .....	Imp.gal.	8,311	10,055	2,082	2,125
Asphalt and asphaltum .....	lb.	1,145,207	27,286	932,083	24,220
Benzol .....	Imp.gal.	97,094	39,261	102,087	40,249

Table 12 - MATERIALS USED IN MANUFACTURING, 1937 and 1938 (Concluded)

Materials	Unit of measure	1 9 3 7		1 9 3 8	
		Quantity	Cost at works	Quantity	Cost at works
			\$		\$
Oils and solvents - Concluded					
Butyl alcohol .....	lb.	450,878	45,622	512,673	52,289
Butyl acetate .....	lb.	471,922	57,194	551,295	60,887
Creosote .....	Imp.gal.	28,128	9,339	32,932	10,229
Ethyl acetate .....	lb.	1,992,795	180,053	2,040,300	166,639
Petroleum distillates .....	Imp.gal.	3,690,567	609,059	3,410,664	551,543
Pitch, coal tar .....	...	...	17,853	...	13,869
Toluol .....	Imp.gal.	284,147	133,718	239,679	95,666
Turpentine .....	Imp.gal.	251,693	126,567	262,654	107,030
Varnishes .....	Imp.gal.	273,205	235,298	234,884	198,391
Xylol .....	Imp.gal.	74,382	30,210	73,210	30,929
Cans, cases, barrels, labels, etc.	xx	...	1,740,588	...	1,733,543
All other materials, including pig lead .....	xx	...	1,398,451	...	1,114,778
TOTAL .....	\$	...	12,307,011	...	11,333,307

(a) Not specified on questionnaire in 1937.

Table 13 - PRODUCTS MADE, 1937 and 1938

Products	Unit of measure	1 9 3 7		1 9 3 8	
		Quantity	Selling value at works	Quantity	Selling value at works
			\$		\$
Colours, dry .....	lb.	...	644,700	5,680,535	598,671
Colours in japan or oil .....	lb.	1,363,594	245,060	1,117,014	221,413
Enamels - Synthetic type .....	Imp.gal.)	1,462,081	4,499,423	777,964	2,394,386
Oil type .....	Imp.gal.)			599,310	1,830,955
Lacquers - Cellulose, clear .....	Imp.gal.)	762,358	1,883,893	327,297	710,272
Cellulose, pigmented... ..	Imp.gal.)			304,067	981,867
Paints, water, (including size) ..	lb.	8,057,458	461,733	6,981,322	428,704
Paints, paste, (including fillers)	lb.	5,875,967	538,690	6,132,520	682,034
Paints, ready mixed (including asphalt and tar, iron oxide, metallic and liquid fillers) .....	Imp.gal.	4,425,499	9,696,776	4,529,643	9,666,539
Stains - oil, spirit, varnish and creosote .....	Imp.gal.	343,233	538,783	297,579	474,615
Varnishes (including japans, shellac and driers) .....	Imp.gal.	2,380,401	3,334,014	2,286,205	3,466,082
Wax, floor - paste .....	lb.	155,204	37,416	149,192	37,024
liquid .....	Imp.gal.	5,595	9,185	9,032	14,563
Oils - linseed, boiled, core, stand, blown and enamel .....	Imp.gal.	293,129	283,489	282,682	251,133
Paint and varnish removers .....	Imp.gal.	61,541	127,073	53,158	104,828
Putty .....	lb.	5,982,374	207,370	6,422,394	224,101
Thinners, pyroxylin and paint ....	Imp.gal.	572,171	592,779	662,338	674,537
All other products (x) .....	xx	...	2,430,733	...	1,555,808
TOTAL .....	xx	...	25,531,117	...	24,317,532

(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 14 - IMPORTS OF PAINTS, PIGMENTS AND VARNISHES INTO CANADA FOR CONSUMPTION, 1938

Items	Unit of measure	From UNITED KINGDOM	From UNITED STATES	From OTHER COUNTRIES	TOTAL
<u>Chemical Pigments, Lead -</u>					
Litharge .....	lb.	1,130,200	995,700	...	2,125,900
	\$	81,540	62,057	...	143,597
Lead, red, dry, and orange mineral .....	lb.	401,968	40,553	11,200	453,721
	\$	27,535	3,449	969	31,593
Lead, white, dry .....		...	91,025	...	91,025
	\$	...	5,592	...	5,592
Lead, white, ground in oil .....	lb.	9,666	262	...	9,928
	\$	864	52	...	916
Antimony oxide and titanium oxide .....	lb.	1,599,659	4,110,672	150	5,710,481
	\$	199,814	312,384	21	512,219
<u>Other Chemical Pigments -</u>					
Black, carbon .....	lb.	49,948	13,637,844	...	13,687,792
	\$	1,857	369,532	...	371,389
Blacks, lamp, bone and ivory .....	lb.	34,159	383,397	70,026	487,582
	\$	2,539	35,712	6,055	44,306
Blanc fixe .....	lb.	297,945	125,735	205,578	629,258
	\$	7,537	3,499	2,745	13,779
Brocade and bronze powders .....	lb.	636	28,745	35,277	62,658
	\$	223	13,854	10,644	24,721
Lithopone .....	lb.	9,276,970	2,584,971	5,869,767	17,731,708
	\$	347,036	113,003	172,234	632,273
Oxide of cobalt .....	lb.	103	533	100	736
	\$	173	791	130	1,094
Oxide of tin and copper ....	lb.	116,963	36,043	12,000	165,006
	\$	38,123	10,868	5,039	54,030
Oxides, fireproofs, rough stuff, fillers and colours, dry, n.o.p. ....	lb.	1,325,635	3,296,211	1,453,831	6,075,727
	\$	181,761	472,077	64,491	718,329
Paris green, dry .....	lb.	89,608	...	33,069	122,677
	\$	13,661	...	3,885	17,546
Satin white .....	lb.	344,788	65,564	...	410,352
	\$	5,525	655	...	6,180
Ultramarine blue, dry or in pulp .....	lb.	314,802	112,295	27,989	455,086
	\$	36,829	16,907	3,222	56,958
Zinc white (zinc oxide) ....	lb.	10,159,284	1,149,966	1,182,985	12,492,235
	\$	384,610	69,662	35,578	489,850
<u>Mineral Earth Pigments -</u>					
Ochres, ochrey earths, siennas and umbers .....	lb.	287,948	1,583,753	461,411	2,333,112
	\$	6,584	23,836	7,211	37,631
Putty .....	lb.	6,584	61,392	476,871	544,847
	\$	331	5,280	5,767	11,378

Table 14 - IMPORTS OF PAINTS, PIGMENTS AND VARNISHES INTO CANADA FOR CONSUMPTION, 1938 (Concluded)

Items	Unit of measure	From UNITED KINGDOM	From UNITED STATES	From OTHER COUNTRIES	TOTAL
<b>Mineral Earth Pigments - concluded</b>					
Artists' paints, n.o.p., ground and liquid .....	\$	70,441	16,571	10,112	96,924
Gold liquid paint .....	\$	3	1,506	19	1,528
Liquid fillers, anti-corrosive and anti-fouling paints, and ground in liquid paints, n.o.p.	gal. \$	26,972 36,367	137,521 241,089	3,652 6,842	168,145 284,298
Paints and colours, ground in spirits, and all spirit varnishes and lacquers .....	gal. \$	1,276 5,426	16,123 48,995	144 342	17,543 54,763
Varnishes, lacquers, japans, japan driers, liquid driers and oil finish, n.o.p. ....	gal. \$	6,440 10,610	64,409 118,701	597 1,648	71,446 130,959
Stains and oxides, valued at not less than 20 cents per pound for use exclusively as colour- ing constituents in the manu- facture 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. \$	18,101 25,461	10,371 6,834	... ...	28,472 32,295
<b>TOTAL - PAINTS, PIGMENTS AND VARNISHES .....</b>	<b>\$</b>	<b>1,484,850</b>	<b>1,952,706</b>	<b>336,592</b>	<b>3,774,148</b>

Table 15 - EXPORTS OF PAINTS, PIGMENTS AND VARNISHES FROM CANADA, 1938

Items	Unit of measure	To UNITED KINGDOM	To UNITED STATES	To OTHER COUNTRIES	TOTAL
Mineral pigments, iron oxides, ochres, etc. ....	cwt. \$	8,001 28,725	15,671 34,694	10,031 41,395	33,703 104,814
White lead, dry or in oil .....	cwt. \$	... ...	... ...	704 5,712	704 5,712
Paints, n.o.p. ....	\$	344,707	3,175	415,935	763,817
Putty .....	cwt. \$	29 380	26 129	359 1,281	414 1,790
Varnish .....	gal. \$	7,517 12,045	79 166	15,067 21,531	22,663 33,742
<b>TOTAL .....</b>	<b>\$</b>	<b>385,857</b>	<b>38,164</b>	<b>485,854</b>	<b>909,875</b>

DIRECTORY OF FIRMS IN THE PAINTS, PIGMENTS AND VARNISHES INDUSTRY IN CANADA, 1938

<u>Names of Firms</u>	<u>Location of Plants</u>
<u>NOVA SCOTIA -</u>	
<del>Brandram-Henderson, Limited</del>	230 Kempt Road, Halifax
<u>NEW BRUNSWICK -</u>	
Maritime Paint & Chemical Co. Ltd.	348 Main St., Moncton
<u>QUEBEC -</u>	
Army Navy Mfg. Products	910a St. George St., Montreal
Brandram-Henderson, Limited	6684 St. Urbain St., Montreal
<del>Canadian Industries Limited</del>	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
Cowens Chemical Products	923 Bleury 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" - N.B. Shellac Cie	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 Del'Epée Ave., Montreal
Norman Lacquer Co. of Canada	1081 Wellington St., Montreal
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
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., Toronto
Anchor Paint Co.	92 Norwich St., Guelph
Aulcraft Paints Ltd.	313 Symington Ave., Toronto
Berry Brothers	Walker Road, Walkerville
Brooks Oil Co.	461 Cumberland Ave., Hamilton
Canada Varnish Co. Limited	53 Laird Drive, Leaside
<del>Canadian Industries Limited</del>	Perth and Kingsley Sts., Toronto
Claxton Mfg. Co.	Jane and Foxwell Aves., 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
<i>Canadian Industries Limited (Paint and Varnish Division), Toronto, Ont.</i>	



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DIRECTORY OF FIRMS IN THE PAINTS, PIGMENTS AND VARNISHES INDUSTRY IN CANADA, 1938

(Concluded)

<u>Names of Firms</u>	<u>Location of Plants</u>
<i>International Varnish Co. Limited, Toronto, Ont.</i>	
<u>ONTARIO - (Concluded)</u>	
Hamilton Paint & Varnish Works	61 Biggar Ave., Hamilton
Haman Varnish Co. Limited	15 Water St. S., Galt
Imperial Varnish & Color Co. Limited	8 Morse St., Toronto
Lakeside Varnish Co.	Montcalm Ave., York Tp. (Toronto)
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
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.	22nd St., New Toronto
Ottawa Paint Works Limited	687 Wellington St., Ottawa
Ontario Paint and Varnish Co. Limited	268 Pape Ave., Toronto
Nu-Wall Industries Ltd.	201 Weston Road S., 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
Sinclair, Malcolm, Co. Ltd.	Dundas St., Oakville
Smyth, John, Mfg. Co.	Mt. Pleasant
Standard Paint & Varnish Co. Limited	Wyandotte St. W., Windsor
Standard Ultramarine Co. of Canada Ltd.	132 St. Helen's Ave., Toronto
Sturgeons Limited	330 Carlaw Ave., Toronto
Supreme Paint Mfg. Co.	430 Spadina Ave., Toronto
Trelco Limited	6 Alcina Ave., Toronto
Treuhaft Manufacturing Ltd.	Clarke & Wickstead Sts., Leaside
Weir, James, Co. Ltd.	24th St., Long Branch
<u>MANITOBA -</u>	
International Laboratories Ltd.	490 Des Meurons St., St. Boniface
Northern Paint Co. Ltd.	394 Gertrude Ave., Winnipeg
Phillips Paint Products	Schultz and Sutherland, Winnineg
<del>Sherwin-Williams Co. of Canada, Ltd.</del>	110 Sutherland Ave., Winnipeg
Stephens, G. F., & Co. Ltd.	176 Market Ave. E., Winnipeg
<u>SASKATCHEWAN -</u>	
Beaver Paint Co. Ltd.	1506 Tenth Ave., Regina
<del>Canadian Industries Limited</del>	Lorne and Fifth Aves., Regina
<u>ALBERTA -</u>	
Edmonton Paint & Glass Co. Ltd.	10163 - 105th St., Edmonton
Herbert Paint & Varnish Co. Ltd.	9th Ave. and 3rd St. W., Calgary
<u>BRITISH COLUMBIA -</u>	
<del>Brandram-Henderson of B.C. Ltd.</del>	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
Martin-Senour Co. Ltd.	1505 Powell St., Vancouver
North West Products	1147 Venables St., Vancouver
Staneland Co. Ltd.	Bay & Shakespeare Sts., Victoria
Grandolite Paint Co. Ltd.	1339 Richards St., Vancouver