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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

1940



OTTAWA
1941

Price 25 cents



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ANNUAL INDUSTRY REPORTCHEMICALS AND ALLIED PRODUCTS GROUPTHE PAINTS, PIGMENTS AND VARNISHES INDUSTRY, 1940

Manufacturers of paints, pigments and varnishes reported a production valued at \$30,109,130 in 1940 against \$25,855,506 in 1939. Corresponding totals for other years were \$24,317,532 in 1938; \$25,531,117 in 1937; \$22,651,225 in 1936, \$20,341,407 in 1935, and \$18,618,371 in 1934.

A total of 93 plants operated in this industry during 1940, distributed by provinces as follows: 48 in Ontario, 23 in Quebec, 8 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 \$28,898,421 as against \$26,348,301 in the previous year. The value of lands, buildings and machinery was given at \$11,765,504, inventories at \$9,794,674 and cash on hand, bills and accounts receivable at \$7,348,243. Forty-nine per cent of the reported investment was for plants located in Quebec and 36 per cent for works in Ontario.

Total production in Canada of some of the leading items was as follows in 1940: 5,071,468 gallons of ready mixed paints at \$11,396,694; 2,670,728 gallons of varnishes at \$3,897,353; 1,840,716 gallons of enamels at \$5,411,944; 1,133,433 gallons of cellulose lacquers at \$2,569,878; 3,710,425 pounds of dry colours at \$854,336; 5,985,357 pounds of paste paints and fillers at \$755,198; 1,005,826 pounds of colours in japan or oil at \$232,891; 9,686,893 pounds of water paints and size at \$659,399; 288,644 gallons of stains at \$492,932; 3,373,605 pounds of putty at \$358,234; 830,222 gallons of pyroxylin thinners at \$792,299.

Imports of paints, pigments and varnishes at \$5,500,622 in 1940 were 18 per cent above the 1939 total of \$4,661,956. Among the principal imports were lithopone at \$230,294; oxide pigments fillers and colours at \$1,037,951; zinc white at \$642,747; antimony and titanium oxide at \$782,957 and carbon black at \$634,344.

Exports, consisting chiefly of mixed paints, were valued at \$2,325,476, an increase of 49 per cent from the 1939 figure. Of this year's total, \$885,058 went to the United Kingdom, \$529,140 to the United States, \$72,024 to Newfoundland, \$66,164 to New Zealand, \$137,171 to British West Indies, \$17,252 to Hong Kong, \$142,692 to British South Africa, and \$130,663 to Australia.

Table 1 - PRODUCTION IN CANADA, IMPORTS AND EXPORTS OF PAINTS, PIGMENTS AND VARNISHES
1926 - 1940

Years	Gross value of production for the paints industry	Imports	Exports
	\$	\$	\$
1926	22,279,382	4,577,998	502,183
1927	22,600,063	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	3,232,356	599,907
1935	20,341,407	3,651,432	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	4,661,953	1,559,661
1940	30,109,130	5,500,622	2,325,476

Table 2 - PRINCIPAL STATISTICS OF THE PAINTS, PIGMENTS AND VARNISHES INDUSTRY,
1929 - 1940

Years	No. of plants	Capital employed	Average	Salaries and wages	Cost of	Cost of	Gross sell-
			number of em- ployees		fuel and electricity at works		materials 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	6,153,336	14,896,693
1934 ...	79	22,816,098	2,850	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	23,353,360	3,524	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
1940 ...	93	28,898,421	3,750	5,809,553	390,511	15,232,488	30,109,130

Percent
change,
1940 from
1939 ...

+9.7 +5.9 +9.4 +1.8 +26.1 +16.4

Table 3 - PRINCIPAL STATISTICS, BY PROVINCES, 1939 and 1940

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
		\$		\$	\$	\$	\$
1939							
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	5,284,962	12,184,272
Manitoba	5	1,470,328	208	256,417	21,399	683,237	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	313,023	582,815
Saskatchewan.	1)						
Alberta	1)						
CANADA ...	93	26,348,301	3,540	5,311,616	331,316	12,080,774	25,855,506
1940							
Quebec	28	14,227,145	1,462	2,272,711	130,116	6,068,087	12,100,296
Ontario	48	10,408,898	1,779	2,867,517	171,781	7,131,042	14,286,527
Manitoba	5	1,518,769	208	275,114	20,956	836,709	1,456,562
British Columbia ...	8	2,073,159	208	292,314	7,738	842,388	1,611,048
Nova Scotia..	1)						
New Brunswick	1)						
Saskatchewan.	1)	670,450	93	101,897	9,920	354,262	654,697
Alberta	1)						
CANADA ...	93	28,898,421	3,750	5,809,553	390,511	15,232,488	30,109,130

Table 4 - CAPITAL EMPLOYED, BY CLASSES AND BY PROVINCES, 1939 and 1940

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
	\$	\$	\$	\$
1939				
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
1940				
Quebec	6,373,226	4,605,830	3,248,089	14,227,145
Ontario	3,608,714	3,772,923	3,027,261	10,408,898
Manitoba	795,801	528,039	194,929	1,518,769
British Columbia	637,961	707,154	728,044	2,073,159
Other provinces.	349,302	170,728	149,920	670,450
CANADA	11,765,504	9,784,674	7,348,243	28,898,421

Table 5 -- EMPLOYEES, SALARIES AND WAGES, BY PROVINCES, 1939 and 1940

Provinces	Average number of employees					Salaries	Wages	TOTAL SALARIES and WAGES
	On salaries		On wages		TOTAL			
	Male	Female	Male	Female				
						\$	\$	\$
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	2,665,125
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
1 9 4 0								
Quebec	499	134	744	85	1,462	1,320,071	952,640	2,272,711
Ontario	615	198	900	66	1,779	1,713,970	1,153,547	2,867,517
Manitoba	75	15	101	17	208	142,310	132,804	275,114
British Columbia	55	18	119	16	208	159,965	132,349	292,314
Other provinces.	33	9	46	5	93	54,337	47,560	101,897
CANADA	1,277	374	1,910	189	3,750	3,390,653	2,418,900	5,809,553

Table 6 -- WAGE-EARNERS, BY MONTHS, 1939 and 1940 (On the last work-day of each month)

Months	1 9 3 9			1 9 4 0		
	Male	Female	TOTAL	Male	Female	TOTAL
January	1,708	164	1,872	1,792	171	1,963
February	1,703	167	1,870	1,856	174	2,030
March	1,755	172	1,927	1,894	176	2,070
April	1,804	183	1,987	1,925	194	2,119
May	1,873	190	2,063	2,006	207	2,213
June	1,845	184	2,029	1,996	197	2,193
July	1,802	174	1,976	1,928	188	2,116
August	1,788	168	1,956	1,929	181	2,110
September	1,797	168	1,965	1,893	186	2,079
October	1,832	171	2,003	1,907	195	2,102
November	1,841	173	2,014	1,908	198	2,106
December	1,829	171	2,000	1,885	193	2,076
AVERAGE	1,798	173	1,971	1,910	189	2,099

Table 7 -- HOURS WORKED PER WEEK BY WAGE-EARNERS, 1940 (In one week of month of highest employment; overtime not included)

Hours worked per week	Number		Hours worked per week	Number	
	of wage- earners	Per cent of total		of wage- earners	Per cent of total
30 hours or less ...	38	1.7	51 - 54 hours ..	66	2.9
31 - 43 hours	407	18.0	55 hours	26	1.2
44 hours	657	29.0	56 - 64 hours ...	138	6.1
45 - 47 hours	391	17.2	65 hours and over	87	3.9
48 hours	289	12.7	TOTAL	2,265	100.0
49 - 50 hours	166	7.3			
Total wages paid in selected week				\$47,796	

Table 8 - FUEL AND ELECTRICITY USED, 1939 and 1940

Kinds	Unit of measure	1 9 3 9		1 9 4 0	
		Quantity	Cost at works \$	Quantity	Cost at works \$
Bituminous coal - Canadian	short ton	7,466	45,298	8,361	62,685
Imported	short ton	10,010	65,157	12,104	87,001
Anthracite coal	short ton	725	5,127	196	2,493
Coke	short ton	2,630	24,144	1,898	20,619
Gasoline	Imp. gal.	13,668	3,312	32,665	8,316
Kerosene or coal oil	Imp. gal.	1,304	288	1,616	324
Fuel oil	Imp. gal.	487,742	32,128	520,128	35,408
Wood	cord	204	938	320	1,415
Gas - Manufactured	M cu. ft.	1,424	1,405	2,501	2,127
Natural	M cu. ft.	1,003	493	1,653	600
Other fuel	XXX	...	5,043	...	6,328
Electricity purchased	K. W. H.	10,629,199	147,983	12,337,518	163,195
TOTAL .....	\$	...	331,316	...	390,511

Table 9 - POWER EQUIPMENT, 1939 and 1940

	Ordinarily in use		In reserve or idle	
	Number of units	Total rated horse power	Number of units	Total rated horse power
<u>1 9 3 9</u>				
Steam engines	12	534	...	...
Gasoline, gas and oil engines ..	1	9	...	...
Total Primary Equipment ...	13	543	...	...
Electric motors run by purchased power	1,188	8,440	14	133
TOTAL	1,201	8,983	14	133
Stationary boilers	39	2,822	9	750
<u>1 9 4 0</u>				
Steam engines	12	534	...	...
Gasoline, gas and oil engines ..	1	9	...	...
Total Primary Equipment ...	13	543	...	...
Electric motors run by purchased power	1,337	9,628	15	140
TOTAL	1,350	10,171	15	140
Stationary boilers	44	3,343	6	465

Table 10 - MATERIALS USED IN MANUFACTURING, 1939 and 1940

Materials	Unit of measure	1939		1940	
		Quantity	Cost at works \$	Quantity	Cost at works \$
Pigments, colours and fillers -					
Basic carbonate white lead, dry...	lb.	2,956,247	224,944	3,284,555	250,631
Basic carbonate white lead, in oil	lb.	1,155,597	86,549	1,296,566	108,488
Basic sulphate white lead	lb.	405,269	28,655	127,267	11,704
Iron oxide pigments	lb.	1,763,236	80,274	2,292,760	112,826
Litharge	lb.	821,897	53,141	984,141	65,728
Lithopone	lb.	15,842,379	637,788	16,387,937	780,963
Metallic powders(aluminium, etc.)	lb.	380,687	134,740	367,803	185,979
Nitrocellulose	lb.	924,001	189,154	1,186,493	259,846
Red lead	lb.	790,225	64,384	1,194,966	94,273
Resins, synthetic	lb.	2,507,381	364,049	3,132,595	528,602
Titanium white, pure	lb.	1,855,288	275,103	2,297,248	344,945
Titanium pigments, reduced	lb.	3,232,946	219,811	3,841,512	271,415
Zinc oxide, pure	lb.	3,148,377	168,066	3,360,299	195,828
Zinc oxide, leaded, and zinc leads	lb.	3,987,884	195,816	4,174,848	263,646
Asbestine or talc	lb.	4,700,461	59,565	5,367,351	73,490
Barytes	lb.	2,884,985	49,659	3,281,747	71,492
Blanc fixe	lb.	139,408	4,455	99,422	3,873
Graphite	lb.	96,267	4,164	138,394	6,692
Kaolin or china clay	lb.	2,116,649	21,410	2,792,140	29,981
Satin white or gypsum	lb.	283,269	4,986	375,548	7,693
Silica or quartz	lb.	1,496,296	21,511	1,646,736	26,309
Whiting	lb.	13,466,131	126,042	14,756,597	165,162
Coal tar lakes	lb.	153,490	119,265	222,313	155,636
Chrome colours	lb.	1,592,092	252,100	1,789,510	310,255
Lampblack and other carbon blacks..	lb.	396,053	53,201	494,311	71,964
Ochres, siennas and umbers	lb.	1,045,360	46,134	1,149,896	62,636
Prussian blue	lb.	84,877	36,196	93,798	43,637
Ultramarine blue	lb.	154,324	22,813	155,054	28,161
Sodium bichromate	lb.	524,675	43,044	796,395	71,407
Sodium prussiate, yellow	lb.	243,207	22,984	285,364	35,182
Other dry colours	lb.	1,074,039	225,742	1,055,279	203,107
All other pigments, fillers and colours	lb.	2,236,523	119,415	2,094,645	141,475
Driers -					
Cobalt salts	lb.	52,979	21,638	89,332	28,111
Glue	lb.	362,354	67,157	372,400	66,778
Linoleate driers	lb.	13,763	2,610	14,707	4,381
Manganese salts	lb.	52,461	6,017	50,895	7,899
Resins	lb.	5,079,638	237,558	5,682,939	272,147
Resinate driers	lb.	19,988	2,787	15,452	4,297
Shellac	lb.	616,942	115,709	689,400	168,343
Other gums and waxes	lb.	1,533,808	153,677	1,389,021	177,464
All other driers	xxx	311,475	48,240	428,979	69,265
Oils and solvents -					
Caster oil	Imp. gal.	21,693	16,875	65,299	440,346
Chinawood oil	lb.	4,694,099	757,962	4,336,758	1,161,818
Fish oils	Imp. gal.	183,330	80,022	181,249	87,873
Linseed oil, raw	Imp. gal.	1,203,645	769,549	1,337,551	1,069,763
Linseed oil, boiled	Imp. gal.	759,953	503,371	612,077	469,662
Perilla oil	lb.	5,648,673	342,092	3,457,670	417,833
Soya bean oil	Imp. gal.	53,286	32,944	84,856	64,314

Table 10 - MATERIALS USED IN MANUFACTURING, 1939 and 1940 (Concluded)

Materials	Unit of measure	1939		1940	
		Quantity	Cost at works \$	Quantity	Cost at works \$
Oils and solvents (Con.) -					
Other oils	Imp. gal.	263,436	170,698	313,082	268,364
Acetone	lb.	282,534	22,984	254,470	22,715
Acetic acid	lb.	374,011	25,151	1,127,441	52,549
Alcohol, ethyl	Proof gal.	217,874	122,974	264,317	149,552
Alcohol, wood (methyl hydrate)	Imp. gal.	130,991	93,236	133,907	103,122
Amyl acetate	lb.	733,905	82,192	891,608	126,562
Amyl alcohol	Imp. gal.	15,339	10,362	30,499	27,194
Asphalt and asphaltum	lb.	1,024,626	26,965	1,248,646	37,911
Benzol	Imp. gal.	68,930	20,976	76,522	26,267
Butyl alcohol	lb.	445,863	44,154	441,242	54,435
Butyl acetate	lb.	623,483	73,458	791,026	95,226
Creosote	Imp. gal.	44,506	13,780	83,454	16,553
Ethyl acetate	lb.	2,120,650	151,678	2,802,171	227,060
Petroleum distillates	Imp. gal.	3,697,509	540,256	4,770,245	744,111
Pitch, coal tar .....	...	...	18,877	1,254,948	22,836
Toluol	Imp. gal.	243,873	78,797	157,230	61,998
Turpentine	Imp. gal.	273,416	101,767	255,826	117,366
Varnishes	Imp. gal.	179,921	186,069	242,262	231,878
Xylol	Imp. gal.	108,742	62,313	104,012	59,272
Cans, cases, barrels, labels, etc.	xxx	...	1,882,086	...	2,010,650
All other materials, including pig lead	xxx	...	1,237,333	...	1,682,880
TOTAL .....	\$	...	12,080,774	...	15,232,488

Table 11 - PRODUCTS MADE, 1939 and 1940

Products	Unit of measure	1939		1940	
		Quantity	Selling value at works \$	Quantity	Selling value at works \$
Colours, dry	lb.	6,375,385	584,635	8,710,425	854,386
Colours in japan or oil	lb.	1,038,290	217,698	1,005,826	232,891
Enamels - Synthetic type	Imp. gal.	964,220	3,131,798	1,282,440	3,931,365
Oil type	Imp. gal.	535,768	1,489,513	558,276	1,480,579
Lacquers - Cellulose, clear ...	Imp. gal.	384,378	827,900	622,486	988,124
Cellulose, pigmented	Imp. gal.	337,054	1,014,410	510,947	1,581,754
Paints, water (including size).	lb.	7,920,746	572,257	9,686,893	659,399
Paints, paste (including fillers)	lb.	6,636,224	735,208	5,985,357	755,198
Paints, ready mixed (including asphalt and tar, iron oxide, metallic and liquid fillers) ..	Imp. gal.	4,606,351	10,017,785	5,071,468	11,396,694
Stains - oil, spirit, varnish and creosote	Imp. gal.	303,343	488,580	238,644	492,332
Varnishes (including japans, shellac and driers)	Imp. gal.	2,278,139	3,443,128	2,670,728	3,897,353

Table 11 - PRODUCTS MADE, 1939 and 1940 (Concluded)

Products	Unit of measure	1 9 3 9		1 9 4 0	
		Quantity	Selling value at works	Quantity	Selling value at works
		\$		\$	
Wax, floor--paste	lb.	172,649	41,458	103,863	26,016
liquid	Imp.gal.	6,931	11,520	5,787	10,705
Oils--linseed, boiled, core, stand, blown and enamel	Imp.gal.	267,153	238,084	374,992	373,686
Paint and varnish removers ..	Imp.gal.	62,508	123,326	68,346	133,183
Putty	lb.	7,079,889	256,479	8,373,605	358,234
Thinners, pyroxylin and paint	Imp.gal.	700,460	688,109	880,222	792,299
All other products (x)	xx	...	1,973,637	...	2,143,432
TOTAL	xx	...	25,855,506	...	30,109,130

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

Table 12 - IMPORTS OF PAINTS, PIGMENTS AND VARNISHES INTO CANADA FOR CONSUMPTION, 1939 and 1940

Items	Unit of measure	1 9 3 9		1 9 4 0	
		Quantity	Value	Quantity	Value
		\$		\$	
<u>Chemical pigments -</u>					
Litharge for the manufacture of storage battery plates and litharge n.o.p.	cwt.	22,533	154,898	22,361	178,555
Lead, red, dry, and orange mineral	lb.	450,885	31,612	442,530	35,205
Lead, white, dry	lb.	8,324	701	30,320	2,341
Lead, white, ground in oil ..	lb.	14,762	1,562	4,070	458
Antimony oxide, titanium oxide and white pigments containing not less than 14 per cent by weight of titanium	lb.	9,003,693	803,198	8,700,015	782,957
Black, carbon	lb.	17,343,282	479,236	19,714,941	634,344
Black, bone and ivory (included under lamp black prior to April 1, 1939)	lb.	473,719	33,949	278,489	25,332
Black, lamp (from April 1, 1939)	lb.	259,240	27,251	618,214	50,526
Blanc fixe	lb.	1,097,959	27,325	1,155,930	34,151
Brocade and bronze powders ..	lb.	75,064	33,065	44,669	22,945
Lithopone	lb.	21,252,814	765,522	23,615,059	939,294
Oxide of cobalt	lb.	525	301	60	116
Oxide of tin and copper	lb.	172,460	61,186	209,182	67,412
Oxides, fire proofs, rough stuff, fillers and colours, dry, n.o.p.	lb.	6,347,048	954,927	6,399,440	1,057,951
Paris green, dry	lb.	25,806	4,320	27,150	5,714
Satin white	lb.	277,151	15,233	104,120	3,235
Ultramarine blue, dry or in pulp	lb.	467,471	59,266	642,232	85,399

Table 12 - IMPORTS OF PAINTS, PIGMENTS AND VARNISHES INTO CANADA FOR CONSUMPTION, 1939 and 1940

Items	Unit	1 9 3 9		1 9 4 0	
		Quantity	Value	Quantity	Value
			\$		\$
<u>Chemical Pigments (Con.) -</u>					
Zinc white	lb.	10,539,650	450,954	11,698,775	642,747
<u>Mineral Earth Pigments -</u>					
Ochres, ochrey earths, siennas and umbers	lb.	3,094,676	56,873	3,634,589	70,339
Putty	lb.	576,887	13,255	107,325	11,197
<u>Other Paints and Varnishes -</u>					
Artists and school children's colours, fitted boxes, pastels. xxx		...	85,513	...	113,958
Gold liquid paint	xxx	...	3,879	...	5,063
Liquid fillers, anti-corrosive and anti-fouling paints, ground and liquid paints, n.o.p.	gal.	180,524	304,656	150,248	319,829
Paints and colours, ground in spirits, and all spirit varnishes and lacquers	gal.	18,042	58,558	21,166	93,099
Stains and oxides, valued at not less than 20 cents per pound, for use in colouring constituents in the manufacture of vitreous enamels and pottery glazes, finely divided metals or compounds of metals whether dry or suspended or dissolved in a liquid, for the manufacture of tableware of china, porcelain or semi-porcelain	lb.	59,686	54,633	24,856	74,871
Varnish, lacquers	gal.	93,396	190,071	116,057	263,584
TOTAL PAINTS, PIGMENTS AND VARNISHES	xxx	...	4,661,956	...	5,500,622

Table 13 - EXPORTS OF PAINTS, PIGMENTS AND VARNISHES FROM CANADA. 1939 and 1940

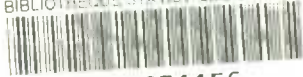
Items	Unit of measure	1 9 3 9		1 9 4 0	
		Quantity	Value	Quantity	Value
			\$		\$
Acetylene black	lb.	3,721,251	396,136	6,048,024	676,444
Iron oxides	cwt.	48,981	162,708	81,193	232,688
Mineral pigments, n.o.p.	cwt.	3,466	15,612	17,059	110,300
White lead, dry or in oil ..	cwt.	2,567	20,931	513	4,938
Enamels and lacquers	xxx	...	55,303	...	62,676
Paints, n.o.p.	xxx	...	876,718	...	1,204,901
Putty	cwt.	995	3,388	947	3,381
Varnish	gal.	20,047	28,865	19,643	30,148
TOTAL PAINTS, PIGMENTS AND VARNISHES	xxx	...	1,559,661	...	2,325,476

DIRECTORY OF FIRMS IN THE PAINTS, PIGMENTS AND VARNISHES INDUSTRY IN CANADA, 1940

<u>Names of Firms</u>	<u>Location of Plants</u>
<u>NOVA SCOTIA -</u>	
Brandram-Henderson, Limited	30 Kempt Road, Halifax
<u>NEW BRUNSWICK -</u>	
Maritime Paint & Chemical Co. Ltd.	348 Main St., Moncton
<u>QUEBEC -</u>	
Aluminum Company of Canada Ltd.	Arvida
Brandram-Henderson, Limited	6684 St. Urbain St., Montreal
Canadian Industries Limited	6930 Clanranald St., Montreal
Canadian Waterpaints Ltd.	2122 St. Patrick St., Montreal
Carter White Lead Co. of Canada Ltd.	1225 Delorimier Ave., Montreal
Chateau Paint Works	6639 Park Ave., Montreal
Cie de Peintures et Vernis Mont-Royal Ltée	5669 Casgrain St., Montreal
Coatwell Paint & Varnish Co. Ltd. (1939)	147 Nazareth St., Montreal
Conant Company, The	5975 St. Ambroise St., Montreal
Crown Diamond Paint Co. Limited	41 Bates Road, Outremont
H.L.H. Paints	277 St. Zotique W., Montreal
International Lacquer Products	6935 Park Ave., Montreal
International Paints (Canada) Limited	6700 Park Ave., Montreal
Jamieson, Jas. W.	2691 Charlemagne St., Montreal
La Cie de Peinture & Vernis "Moderne"	2010a Sicard St., Montreal
McArthur, Irwin, Limited	11 Bates Road, Outremont
Martin-Senour Co. Limited	6833 De l'Épée Ave., Montreal
National Paint Ltd.	11a rue Chateauguay, Quebec
Peinture Sico Enregistrée (Sico Paint Ltd.)	340 Prince Edward St., Quebec
Ritchie Mfg. Co.	1081 Wellington St., Montreal
Reardon Co. Ltd.	146 St. Peter St., Montreal
Rock Paint & Varnish Ltd.	686 Chatham St., 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 Paint Company Limited	7147 Park Avenue, Montreal, and 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>	
Alma Paint Company	65 Duke St., London
Acme Paint & Varnish Co. Ltd.	120 .. 26th St., Long Branch
Aqams Paint Mfg. Company Ltd.	Courtwright St., Fort Erie
Allen, Geo., Co.	159 Kendall Ave., Toronto
Arnet Industries	Surrey St., Guelph
Artists' Colour Co.	43 Boulton Ave., 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

DIRECTORY OF FIRMS IN THE PAINTS, PIGMENTS AND VARNISHES INDUSTRY IN CANADA, 1940
(Continued)

<u>Names of Firms</u>	<u>Location of Plants</u>
<u>ONTARIO (Concluded) -</u>	
Commercial Chemical Co.	94 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
Hamilton Paint & Varnish Works	65 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 Sorabren Ave., Toronto
Marietta Paints & Finishes of Canada Ltd.	120 Main St. N., Weston
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.	End of 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.	rear 383 Logan Ave., Toronto
Penfound Varnish Co. Ltd.	25 Caribou Ave., Toronto
Pratt & Lambert Inc.	254 Courtwright St., Fort Erie N.
Scarfe & Co. Limited	35 Greenwich St., Brantford
Smyth, John, Mfg. Co.	Mt. Pleasant; and 31 Colborne St., Brantford
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 and Rosemount Sts., Weston
Sturgeons Limited	330 Carlaw Ave., Toronto
Supreme Paint Mfg. Co.	430 Spadina Ave., Toronto
Trelco Limited	6 Alcina Ave., Toronto, and 925 Roselawn Ave., Toronto
Treuhaft Manufacturing Ltd.	Clarke and 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, Winnipeg
Sherwin-Williams Co. of Canada, Ltd.	110 Sutherland Ave., Winnipeg
Stephens, G. F., & Co. Ltd.	176 Market Ave. E., Winnipeg
<u>SASKATCHEWAN -</u>	
Canadian Industries Limited	Lorne and Fifth Aves., Regina
<u>ALBERTA -</u>	
Edmonton Paint & Glass Co. Ltd.	10163 .. 105th St., Edmonton



DIRECTORY OF FIRMS IN THE PAINTS, PIGMENTS AND VARNISHES INDUSTRY IN CANADA, 1940
(Concluded)

Names of Firms

Location of Plants

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
Martin-Senour Co. Ltd.	1505 Powell St., Vancouver
North West Products	1147 Venables St., Vancouver
Stanland Co. Ltd.	Bay and Shakespeare Sts., Victoria