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**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**  
**1936**

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DEPARTMENT OF TRADE AND COMMERCE  
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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, 1936.

Manufacturers of paints, pigments and varnishes reported an improvement in business of about 11 per cent in 1936 when their output was valued at \$22,651,225 at factory prices. In 1935 the value of production was \$20,341,407, in 1934 it was \$18,618,371, and in 1933 it was \$14,896,695.

A total of 78 plants operated in this industry during 1936 distributed, by provinces, as follows: 36 in Ontario, 22 in Quebec, 9 in British Columbia, 5 in Manitoba, 2 in Saskatchewan, 2 in Alberta, and 1 in each of Nova Scotia and New Brunswick. The works in Ontario accounted for 46 per cent of the total output and establishments in Quebec accounted for 40 per cent.

Capital employed by these establishments was reported at \$23,274,558 as against \$22,709,466 in the previous year. The value of lands, buildings and machinery was given at \$10,838,132, inventories at \$6,490,453, and operating capital such as cash on hand, bills and accounts receivable, etc., amounted to \$5,945,973. Fifty per cent of the reported investment was for plants located in Quebec and 32 per cent for works in Ontario.

The total production in Canada of some of the leading items (including small quantities from other industries) was as follows in 1936: 3,669,777 gallons of ready-mixed paints at \$8,398,958; 1,126,179 gallons of enamels at \$3,562,491; 1,930,281 gallons of varnishes at \$2,781,088; 614,540 gallons of nitrocellulose lacquers at \$1,634,462; 518,707 gallons of pyroxylin thinners at \$539,472; dry colours at \$686,069; 360,507 gallons of stains at \$547,737; 8,802,870 gallons of cold water paints at \$524,415; 4,522,542 pounds of paste paints at \$460,606; 162,397 gallons of shellac at \$367,644, and 1,411,246 pounds of colours in japan or oil at \$306,456.

Imports under this classification, chiefly ingredients for the manufacture of paints, increased 11 per cent in 1936, the value being \$4,115,617 as against \$3,651,492 in 1935. The more important items were: 9,430 tons of lithopone at \$666,667; 6,859 tons of carbon black at \$643,379; 6,620 tons of zinc oxide at \$519,425; 2,099 tons of antimony and titanium oxides at \$424,451; 162,329 gallons of liquid fillers at \$272,818; 984 tons of litharge at \$124,001; 110 tons of tin and copper oxides at \$77,080, and many other items of less dollar value such as blacks other than carbon, blanc fixe, ultramarine blue, ochres, siennas, umbers, etc.

Exports, consisting largely of paints, were valued at \$862,335, an increase of 16 per cent over the total of \$741,639 in 1935. Of this year's total, \$432,372, or 50 per cent, went to the United Kingdom, \$60,963 to the United States, \$54,378 to Newfoundland, \$52,049 to British South Africa, \$27,595 to New Zealand, and \$21,331 to Trinidad and Tobago.

Table 1 - PRODUCTION IN CANADA, IMPORTS AND EXPORTS OF PAINTS, PIGMENTS AND VARNISHES, 1926 - 1936.

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

Table 2 - PRINCIPAL STATISTICS OF THE PAINTS, PIGMENTS AND VARNISHES INDUSTRY, 1921 - 1936.

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
		\$		\$	\$	\$	\$
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

Table 3 - PRINCIPAL STATISTICS, BY PROVINCES, 1935 and 1936.

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>1935</u>							
Quebec .....	22	11,201,265	1,139	1,628,552	135,655	3,958,921	7,896,839
Ontario .....	40	7,372,442	1,450	2,077,462	120,270	4,275,557	9,785,695
Manitoba .....	4	1,649,907	202	224,623	19,268	641,500	1,221,662
British Columbia	9	1,582,772	176	217,417	6,198	483,660	1,058,146
Nova Scotia ....	1)						
New Brunswick ..	1)	903,080	93	94,062	8,454	251,105	379,065
Saskatchewan ...	2)						
Alberta .....	1)						
CANADA .....	80	22,709,466	3,060	4,242,116	289,845	9,610,743	20,341,407
<u>1936</u>							
Quebec .....	22	11,684,568	1,166	1,754,728	139,380	4,621,539	9,123,233
Ontario .....	36	7,548,633	1,498	2,132,592	112,701	4,650,071	10,510,533
Manitoba .....	5	1,716,280	203	234,760	22,594	657,943	1,217,132
British Columbia	9	1,585,791	179	229,154	5,692	563,145	1,222,094
Nova Scotia ....	1)						
New Brunswick ...	1)	739,286	78	77,153	8,548	324,996	578,233
Saskatchewan ...	2)						
Alberta .....	2)						
CANADA .....	78	23,274,558	3,124	4,428,387	288,915	10,817,694	22,651,225

Table 4 - CAPITAL EMPLOYED, BY CLASSES AND BY PROVINCES, 1935 and 1936.

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>1935</u>				
Quebec .....	5,724,888	2,698,183	2,778,194	11,201,265
Ontario .....	3,287,385	2,122,276	1,962,781	7,372,442
Manitoba .....	878,134	424,856	346,917	1,649,907
British Columbia	700,164	491,766	390,842	1,582,772
Other provinces .	521,268	237,503	144,309	903,080
CANADA .....	11,111,839	5,974,584	5,623,043	22,709,466
<u>1936</u>				
Quebec .....	5,772,701	2,892,715	3,019,152	11,684,568
Ontario .....	3,107,757	2,442,618	1,998,258	7,548,633
Manitoba .....	880,957	468,377	366,946	1,716,280
British Columbia .	681,861	519,619	384,311	1,585,791
Other provinces .	394,856	167,124	177,306	739,286
CANADA .....	10,838,132	6,490,453	5,945,973	23,274,558

Table 5 - SIZE OF ESTABLISHMENTS, ACCORDING TO PRODUCTION, NUMBER OF EMPLOYEES and CAPITAL EMPLOYED, 1936.

	Number of plants	Capital	Number of employees	Gross selling value of
		employed		products at works
		\$		
<b>(a) PRODUCTION</b>				
Under \$5,000 .....	7	68,247	12	18,611
\$5,000 to \$10,000 .....	3	19,314	8	24,428
\$10,001 to \$25,000 .....	11	171,157	49	164,286
\$25,001 to \$50,000 .....	13	1,027,436	109	450,342
\$50,001 to \$100,000 .....	7	404,207	64	503,148
\$100,001 to \$250,000 .....	12	1,782,105	326	2,032,795
\$250,001 to \$500,000 .....	12	4,125,960	681	4,280,724
Over \$500,000 .....	13	15,675,892	1,875	15,176,891
TOTAL .....	78	23,274,558	3,124	22,651,225
<b>(b) NUMBER OF EMPLOYEES</b>				
1 or 2 .....	9	78,691	13	55,505
3 to 10 .....	25	1,245,140	143	748,926
11 to 20 .....	11	932,253	155	1,147,470
21 to 50 .....	13	2,276,894	397	3,127,548
51 to 100 .....	12	7,149,056	928	6,125,708
101 to 500 .....	8	11,592,554	1,488	11,446,068
TOTAL .....	78	23,274,558	3,124	22,651,225
<b>(c) CAPITAL EMPLOYED</b>				
Under \$25,000 .....	24	274,800	96	391,831
\$25,000 to \$100,000 .....	17	787,285	224	1,091,941
\$100,001 to \$500,000 .....	26	6,914,199	1,082	8,109,387
\$500,001 to \$1,000,000 .....	4	3,308,364	577	4,652,663
Over \$1,000,000 .....	7	11,989,910	1,145	8,405,403
TOTAL .....	78	23,274,558	3,124	22,651,225

Table 6 - EMPLOYEES, SALARIES AND WAGES, BY PROVINCES, 1935 and 1936.

Provinces	Average number of employees					Salaries	Wages	TOTAL SALARIES and WAGES
	On salaries		On wages		TOTAL			
	Male	Female	Male	Female				
						\$	\$	\$
<b>1935</b>								
Quebec .....	385	117	569	68	1,139	977,249	651,303	1,628,552
Ontario .....	522	170	696	62	1,450	1,299,338	778,124	2,077,462
Manitoba .....	51	10	123	18	202	100,080	124,543	224,623
British Columbia .....	51	13	100	12	176	113,034	104,383	217,417
Other provinces .....	36	12	42	3	93	57,298	36,764	94,062
CANADA .....	1,045	322	1,530	163	3,060	2,546,999	1,695,117	4,242,116
<b>1936</b>								
Quebec .....	367	113	614	72	1,166	1,057,541	697,187	1,754,728
Ontario .....	548	165	726	59	1,498	1,332,870	799,722	2,132,592
Manitoba .....	55	10	124	14	203	107,942	126,818	234,760
British Columbia .....	40	14	112	13	179	110,363	118,791	229,154
Other provinces .....	25	6	43	4	78	35,355	41,798	77,153
CANADA .....	1,035	308	1,619	162	3,124	2,644,071	1,784,316	4,428,387

Table 7 - WAGE-EARNERS, BY MONTHS, 1935 and 1936. (On the 15th of each month)

Months	1935			1936		
	Male	Female	TOTAL	Male	Female	TOTAL
January .....	1,408	153	1,561	1,514	151	1,665
February .....	1,466	157	1,623	1,538	158	1,696
March .....	1,501	167	1,668	1,565	166	1,731
April .....	1,574	184	1,758	1,645	185	1,828
May .....	1,644	175	1,819	1,706	177	1,885
June .....	1,613	173	1,786	1,710	176	1,886
July .....	1,564	158	1,722	1,692	164	1,856
August .....	1,517	151	1,668	1,608	156	1,764
September .....	1,474	146	1,620	1,580	154	1,734
October .....	1,513	154	1,667	1,619	159	1,778
November .....	1,531	155	1,686	1,611	164	1,775
December .....	1,506	153	1,659	1,611	159	1,770
AVERAGE .....	1,530	163	1,693	1,619	162	1,781

Table 8 - TOTAL OF WAGE-EARNERS IN MONTH OF HIGHEST EMPLOYMENT ACCORDING TO REGULAR HOURS WORKED PER WEEK, 1936.

Hours worked per week	Number of wage-earners	Hours worked per week	Number of wage-earners
40 hours or less ..	394	51 - 53 hours .....	32
41 - 43 hours .....	14	54 hours .....	5
44 hours .....	475	55 hours .....	14
45 - 47 hours .....	305	56 - 59 hours .....	16
48 hours .....	400	60 hours or over ..	46
49 - 50 hours .....	250	Total .....	1,951

Table 9 - FUEL AND ELECTRICITY USED, 1935 and 1936.

Kinds	Unit of measure	1935		1936	
		Quantity	Cost at works	Quantity	Cost at works
Bituminous coal - Canadian ..	short ton	6,945	42,394	6,985	43,273
Imported ..	short ton	10,749	70,466	9,932	62,731
Anthracite coal .....	short ton	787	4,458	599	3,739
Coke .....	short ton	2,247	18,548	2,409	19,087
Gasoline .....	Imp. gal.	20	7	20	7
Kerosene or coal oil .....	Imp. gal.	3,364	668	310	56
Fuel oil .....	Imp. gal.	364,213	24,621	352,421	24,108
Wood .....	cord	24	149	123	678
Gas - Manufactured .....	M cu.ft.	795	706	755	792
Natural .....	M cu.ft.	430	306	1,494	694
Other fuel .....	xxx	...	6,499	...	5,973
Electricity purchased .....	K.W.H.	7,948,903	121,023	8,487,001	127,777
TOTAL .....	\$	...	289,845	...	288,915

Table 10 - POWER EQUIPMENT, 1935 and 1936.

Kinds	1 9 3 5		1 9 3 6	
	Number of units	Total rated horse power	Number of units	Total rated horse power
Steam engines .....	14	585	13	541
Gasoline, gas and oil engines .....	1	9	1	9
Total Primary Equipment .....	15	594	14	550
Electric motors run by purchased power .....	901	6,661	869	6,902
TOTAL .....	916	7,255	883	7,452
Boilers .....	46	3,400	50	3,590

Table 11 - POWER EQUIPMENT SHOWING "ORDINARILY IN USE" SEPARATELY FROM "IN RESERVE OR IDLE" 1936.

	Ordinarily in Use		In Reserve or Idle	
	Number of units	Total rated horse power	Number of units	Total rated horse power
Steam engines .....	11	424	2	117
Gasoline, gas and oil engines .....	1	9	...	...
Total Primary Equipment .....	12	433	2	117
Electric motors run by purchased power .....	861	6,783	8	119
TOTAL .....	873	7,216	10	236
Boilers .....	44	3,055	6	535

Table 12 - MATERIALS USED IN MANUFACTURING, 1935 and 1936.

Materials	Unit of measure	1 9 3 5		1 9 3 6	
		Quantity	Cost at works	Quantity	Cost at works
			\$		\$
Pigments, colours and fillers -					
Basic carbonate white lead, dry .. lb.	2,709,809	180,898	3,697,698	251,698	
Basic carbonate white lead, in oil .....	1b. 1,300,585	97,223	1,573,852	120,622	
Basic sulphate white lead .....	1b. 92,442	8,827	125,598	10,762	
Iron oxide pigments .....	1b. 1,979,558	77,758	1,466,315	67,850	
Liitharge .....	1b. 1,291,625	62,561	1,128,075	69,130	
Lithopone .....	1b. 11,601,125	478,748	13,477,057	548,877	
Metallic powders (aluminium, etc.) ..	1b. 152,542	55,695	160,603	54,124	
Nitrocellulose .....	1b. 761,685	165,572	845,222	177,165	
Red lead .....	1b. 632,816	39,824	848,518	59,477	
Titanium white, pure .....	1b. 915,058	135,143	1,396,337	193,638	
Titanium pigments, reduded .....	1b. 1,597,968	126,363	1,059,928	75,492	
Zinc oxide, pure .....	1b. 2,476,286	140,467	2,696,741	150,086	
Zinc oxide, leaded, and zinc leads ..	1b. 1,994,073	95,907	2,784,332	132,097	
Asbestine or talc .....	1b. 3,622,209	45,654	3,895,231	47,378	
Barytes .....	1b. 2,308,628	43,702	2,533,275	41,687	
Blanc fixe .....	1b. 141,975	4,223	97,016	3,148	
Graphite .....	1b. 128,681	5,293	117,576	5,023	
Kaolin or china clay .....	1b. 1,152,085	13,686	1,948,395	19,975	
Satin white or gypsum .....	1b. 421,637	4,200	520,672	5,406	
Silica or quartz .....	1b. 1,129,193	24,186	1,477,313	28,522	
Whiting .....	1b. 11,842,162	103,837	12,163,819	105,678	



Table 12 - MATERIALS USED IN MANUFACTURING, 1935 and 1936. (concluded)

Materials	Unit of measure	1935		1936	
		Quantity	Cost at works \$	Quantity	Cost at works \$
Pigments, colours and fillers -(concluded)					
Coal tar lakes	lb.	117,813	88,032	135,074	92,951
Chrome colours	lb.	1,141,200	175,401	1,333,542	193,794
Lampblack and other carbon blacks	lb.	375,716	49,472	385,917	51,575
Ochres, siennas and umbers	lb.	1,127,163	56,219	1,265,565	65,187
Prussian blue	lb.	72,685	31,053	66,346	28,941
Ultramarine blue	lb.	131,322	25,659	136,185	23,514
Sodium bichromate	lb.	475,121	36,602	530,521	41,867
Sodium prussiate, yellow	lb.	243,092	29,172	250,072	28,369
Other dry colours	lb.	595,757	142,334	628,641	162,618
All other pigments, fillers and colours	lb.	...	237,923	2,717,490	136,052
Driers -					
Cobalt salts	lb.	110,419	33,292	170,932	43,230
Glue	lb.	385,233	73,584	397,158	70,546
Linoleate driers	lb.	...	3,015	25,212	4,222
Manganese salts	lb.	90,042	13,913	236,162	16,573
Resins	lb.	4,783,816	317,391	5,188,359	338,957
Resinate driers	lb.	...	8,580	27,360	3,262
Shellac	lb.	410,987	105,896	492,871	109,061
Other gums and waxes	lb.	2,240,845	153,795	1,683,105	155,063
All other driers	xx	...	36,465	...	48,603
Oils and solvents -					
Castor oil	Imp.gal.	35,236	23,582	17,343	15,861
Chinawood oil	lb.	4,864,742	593,572	5,361,576	794,231
Fish oils	Imp.gal.	70,014	28,647	111,235	52,313
Linseed oil, raw	Imp.gal.	1,120,603	733,758	1,220,896	871,156
Linseed oil, boiled	Imp.gal.	769,121	479,395	667,576	504,725
Perilla oil	lb.	119,035	12,842	1,107,531	93,951
Soya bean oil	Imp.gal.	29,022	22,574	41,342	31,888
Other oils	Imp.gal.	209,676	125,398	...	125,664
Acetone	lb.	194,168	23,798	219,368	23,616
Acetic acid	lb.	413,821	33,340	399,601	30,360
Alcohol, ethyl	Proof gal.	137,979	85,321	240,030	144,515
Alcohol, wood (methyl hydrate)	Imp.gal.	105,428	72,061	50,627	35,343
Amyl acetate	lb.	249,911	40,685	429,382	62,774
Amyl alcohol	Imp.gal.	27,783	33,924	16,746	20,020
Asphaltum	lb.	731,138	26,156	964,727	32,593
Benzol	Imp.gal.	85,752	30,853	98,141	35,254
Butyl alcohol	lb.	151,140	20,259	334,594	36,595
Butyl acetate	lb.	1,330,793	161,685	1,148,064	137,773
Creosote	Imp.gal.	35,437	11,004	35,168	11,948
Ethyl acetate	lb.	1,446,147	150,097	1,671,213	163,343
Petroleum distillates	Imp.gal.	2,707,186	450,567	3,067,529	504,054
Pitch, coal tar	lb.	1,067,435	17,446	1,092,046	15,571
Toluol	Imp.gal.	235,541	117,079	225,650	105,776
Turpentine	Imp.gal.	235,179	148,691	230,909	130,979
Varnishes	Imp.gal.	206,017	163,336	244,614	198,928
Xylol	Imp.gal.	82,594	35,446	78,562	36,185
Cans, cases, barrels, labels, etc.	xx	...	1,122,177	...	1,168,557
All other materials including					
pig lead	xx	...	1,319,485	...	1,651,497
TOTAL	\$	...	9,610,743	...	10,817,694

Table 13 - PRODUCTS MADE, 1935 and 1936.

Products	Unit of measure	1 9 3 5		1 9 3 6		
		Quantity	Selling value at works	Quantity	Selling value at works	
		\$		\$		
Colours, dry - Blue Prussian .....	lb.	140,630	34,461	122,808	41,038	
Chromes .....	lb.	1,785,795	250,066	1,810,331	284,773	
Lakes .....	lb.	182,252	70,085	358,381	159,282	
Other .....	lb.	...	157,911	...	200,976	
Colours, ground in oil or japan ..	lb.	1,391,239	256,381	1,411,246	306,456	
Enamels, synthetic type .....	Imp.gal.	409,712	1,289,573	559,329	1,725,859	
Enamels, other .....	Imp.gal.	541,518	1,552,088	554,850	1,794,742	
Japans .....	Imp.gal.	109,684	118,842	109,464	120,757	
Lacquers, nitrocellulose						
(pyroxylin) .....	Imp.gal.	555,230	1,491,114	614,540	1,654,462	
Paints, cold water .....	lb.	8,180,141	471,594	8,802,870	524,415	
Paints, asphaltic and tar ....	Imp.gal.	231,377	170,717	260,558	231,682	
Paints, iron oxide .....	Imp.gal.	43,357	65,077	55,846	82,208	
Paints, metallic (aluminium, bronze, etc.) .....	Imp.gal.	43,166	114,336	31,625	105,101	
Paints, paste .....	lb.	4,386,396	446,640	4,522,542	460,606	
Paints, ready mixed .....	Imp.gal.	3,158,696	7,592,453	3,665,790	8,382,188	
Shellac .....	Imp.gal.	173,783	341,767	162,397	367,644	
Stains (oil, spirit, varnish and creosote) .....	Imp.gal.	288,382	451,195	360,507	547,737	
Varnishes, oil and spirit ....	Imp.gal.	1,477,302	2,434,624	1,930,281	2,781,088	
Driers, linoleate and resinate	Imp.gal.	34,388	41,591	40,449	46,468	
Fillers, paste and liquid .....	lb.	536,381	45,657	400,124	52,706	
Floor wax, paste .....	lb.	138,059	31,529	142,680	32,324	
Floor wax and polish, liquid ..	Imp.gal.	7,241	18,686	10,290	17,123	
Oil, linseed, boiled .....	Imp.gal.	94,913	83,272	106,821	100,388	
Oil, core and paint .....	Imp.gal.	105,587	103,115	128,267	131,166	
Oils, stand, blown and enamel.	Imp.gal.	4,850	6,898	5,726	5,622	
Paint and varnish removers ...	Imp.gal.	51,497	105,984	57,807	116,597	
Putty .....	lb.	5,481,074	197,604	5,789,363	203,412	
Pyroxylin thinners .....	Imp.gal.	507,647	541,862	518,707	539,472	
Size .....	lb.	36,259	2,291	199,765	6,441	
Synthetic gums .....	lb.	9,225	2,744	8,171	2,450	
All other products (x) .....	xx	...	1,851,245	...	1,646,042	
TOTAL .....		\$	...	20,341,407	...	22,651,225

(x) Includes data for items reported by less than 3 firms, such as white lead, red lead, litharge, polishes, textile and tanners' oil, etc.

Table 14 - PRODUCTS MADE, BY PROVINCES, 1936.

Products	Unit of measure	QUEBEC		ONTARIO		OTHER PROVINCES	
		Quantity	Selling value at	Quantity	Selling value at	Quantity	Selling value at
			works		works		works
			\$		\$		\$
Colours, dry .....	lb.	2,330,890	354,486	3,438,634	327,538	50,643	4,045
Colours, ground in oil or japan .....	lb.	569,977	118,716	722,082	144,484	119,187	43,256
Enamels, synthetic type .....	Imp.gal.	99,475	349,805	442,488	1,323,127	17,366	52,927
Enamels, other .....	Imp.gal.	234,618	935,061	291,851	758,019	28,381	101,662
Japans .....	Imp.gal.	18,392	23,595	73,470	71,869	17,602	25,293
Lacquers, nitrocellulose (pyroxylin)...	Imp.gal.	227,483	486,970	379,817	1,129,116	7,240	18,376
Paints, cold water .....	lb.	1,325,989	97,260	6,618,981	390,919	857,900	36,236
Paints, asphaltic and tar .....	Imp.gal.	12,243	11,481	242,512	214,034	5,803	6,167
Paints, iron oxide .....	Imp.gal.	270	472	38,075	50,715	17,501	31,021
Paints, paste .....	lb.	1,895,491	191,420	1,669,327	171,672	957,724	97,514
Paints, ready mixed .....	Imp.gal.	1,440,385	3,440,209	1,528,066	3,291,780	697,339	1,650,199
Shellac .....	Imp.gal.	54,607	123,031	86,608	190,679	21,182	53,934
Stains (oil, spirit, varnish and creosote) .....	Imp.gal.	58,158	118,586	156,604	229,341	145,745	199,810
Varnishes, oil and spirit .....	Imp.gal.	673,258	1,237,896	933,960	1,097,654	323,063	455,538
Driers, linoleate and resinate .....	Imp.gal.	916	1,247	32,153	35,384	7,380	9,837
Fillers, paste and liquid .....	lb.	23,994	3,956	341,939	44,943	34,191	3,807
Floor wax, paste and liquid .....	xx	...	1,582	...	37,919	...	9,946
Oil, linseed, boiled .....	Imp.gal.	...	...	66,134	59,142	40,687	41,246
Oil, core and paint .....	Imp.gal.	68,199	76,095	60,068	55,071	...	...
Oils, stand, blown and enamel .....	Imp.gal.	...	...	5,726	5,622	...	...
Paint and varnish removers .....	Imp.gal.	33,448	64,127	21,318	45,982	3,041	6,488
Putty .....	lb.	3,003,850	90,024	1,572,539	56,971	1,212,974	56,417
Pyroxylin thinners .....	Imp.gal.	13,332	13,654	489,248	506,962	16,127	18,856
All other products (x) .....	xx	...	1,383,560	...	271,580	...	95,074
<b>TOTAL .....</b>	<b>\$</b>	<b>...</b>	<b>9,123,233</b>	<b>...</b>	<b>10,510,523</b>	<b>...</b>	<b>3,017,649</b>

(x) See Footnote to Table 13.

Table 15 - PRODUCTION OF CERTAIN PAINTS, VARNISHES, ETC., IN CANADA, 1926 - 1936.  
(including any produced in other industries)

Years	MIXED PAINTS			COLD WATER PAINTS			PASTE PAINTS			ASPHALTIC AND		SHELLAC		
	READY FOR USE		Selling value at works	Pounds		Selling value at works	Pounds		TAR PAINTS		Selling value at works	Imperial gallons		Selling value at works
	Imperial gallons	Imperial gallons		Imperial gallons	Imperial gallons		Imperial gallons	Imperial gallons	Imperial gallons	Imperial gallons				
			\$			\$					\$			\$
1926 ...	3,038,575	8,200,312		9,877,015	677,967	7,184,240	782,843	285,479	241,671	171,808	542,529			
1927 ...	3,229,755	8,759,987		8,545,881	623,147	7,214,537	774,970	580,425	448,808	177,128	546,051			
1928 ...	3,482,665	9,033,579		11,061,709	733,951	8,746,347	898,870	458,864	312,992	193,421	589,662			
1929 ...	4,034,701	9,798,759		10,013,687	653,915	7,870,996	867,172	463,228	375,227	216,470	642,379			
1930 ...	3,633,862	9,461,464		8,211,145	538,508	6,273,829	662,947	287,475	250,110	207,457	532,916			
1931 ...	3,059,124	7,624,352		8,715,672	598,384	4,523,313	476,805	...	193,776	162,685	363,493			
1932 ...	2,200,313	5,218,521		8,567,866	528,594	3,050,728	341,977	217,230	158,662	120,625	245,376			
1933 ...	2,334,747	5,591,427		7,034,119	444,062	3,256,900	312,571	181,162	144,897	131,298	265,533			
1934 ...	2,879,877	6,958,057		7,607,838	460,523	3,767,912	373,330	214,206	179,991	141,609	304,411			
1935 ...	3,163,015	7,605,453		8,180,141	471,594	4,386,396	446,640	322,713	234,030	173,783	341,767			
1936 ...	3,669,777	8,398,958		8,802,870	524,415	4,522,542	460,606	267,767	237,296	162,397	367,644			

  

Years	VARNISHES		ENAMELS		STAINS		L A C Q U E R S			
	Imperial gallons	Selling value at works	Imperial gallons	Selling value at works	Imperial gallons	Selling value at works	Nitrocellulose		Other	
							Imperial gallons	Selling value at works	Imperial gallons	Selling value at works
		\$		\$		\$		\$		\$
1926 ...	...	4,282,383	392,427	1,405,824	397,575	704,050	...	1,839,719	168,748	170,898
1927 ...	2,572,954	4,334,196	442,160	1,482,899	406,154	688,250	666,251	1,666,401	164,239	168,406
1928 ...	1,968,709	3,665,944	766,453	1,966,903	434,702	755,139	488,150	1,515,606	110,588	115,571
1929 ...	2,078,004	3,813,828	902,720	2,685,853	431,921	755,230	659,880	1,883,170	162,598	157,055
1930 ...	1,645,100	2,869,379	621,264	2,104,892	367,362	645,739	608,152	1,655,113	92,775	91,943
1931 ...	1,449,305	2,562,326	556,799	1,761,453	346,383	563,682	593,232	1,368,513	...	...
1932 ...	1,266,787	2,113,327	582,373	1,817,217	250,481	386,898	427,923	1,120,410	...	...
1933 ...	1,260,182	2,068,885	523,191	1,613,435	241,707	403,434	407,448	1,091,007	...	...
1934 ...	1,491,608	2,282,975	763,879	2,368,836	282,084	413,380	541,567	1,488,205	...	...
1935 ...	1,483,375	2,448,624	953,730	2,848,661	288,382	451,195	555,230	1,491,114	...	...
1936 ...	1,930,281	2,781,088	1,126,179	3,562,491	360,507	547,737	614,540	1,634,462	...	...

Table 15 - PRODUCTION OF CERTAIN PAINTS, VARNISHES, ETC., IN CANADA, 1926 - 1936.  
(concluded)  
(Including any produced in other industries)

Years	IRON OXIDE PAINTS		J A P A N S		COLOURS IN OIL OR JAPAN	
	Imperial gallons	Selling value at works \$	Imperial gallons	Selling value at works \$	Pounds	Selling value at works \$
1926 .....					...	470,565
1927 .....	NOT		INCLUDED		...	603,574
1928 .....	SEPARATED		WITH		...	489,368
1929 .....	70,539	69,257			2,141,883	472,275
1930 .....	68,849	57,194	LACQUERS		1,922,162	439,939
1931 .....	69,934	93,281	118,961	166,073	1,563,401	302,219
1932 .....	34,572	51,284	131,708	153,280	1,256,131	253,921
1933 .....	32,230	47,950	95,289	94,055	1,242,446	242,224
1934 .....	43,342	58,117	109,481	107,218	1,365,682	286,753
1935 .....	43,357	65,077	115,284	125,842	1,391,239	256,381
1936 .....	55,846	83,723	109,464	120,757	1,411,246	306,456

Table 16 - IMPORTS OF PAINTS, PIGMENTS AND VARNISHES INTO CANADA FOR CONSUMPTION, 1936.

Items	Unit of measure	From UNITED KINGDOM	From UNITED STATES	From OTHER COUNTRIES	TOTAL
<u>Chemical Pigments, Lead -</u>					
Litharge .....	lb.	1,068,100	900,500	...	1,968,600
	\$	70,720	53,281	...	124,001
Lead, red, dry, and orange mineral .....	lb.	707,002	139,530	1,327	847,859
	\$	45,214	10,066	73	55,353
Lead, white, dry .....	lb.	224	21,078	...	21,302
	\$	22	1,436	...	1,458
Lead, white, ground in oil ...	lb.	14,145	860	132	15,137
	\$	1,244	96	8	1,348
Antimony oxide and titanium oxide .....	lb.	1,991,527	2,172,290	34,200	4,198,017
	\$	220,927	199,606	3,918	424,451
<u>Other Chemical Pigments -</u>					
Black, carbon .....	lb.	23,124	13,670,644	23,913	13,717,681
	\$	1,231	641,036	1,112	643,379
Blacks, lamp, bone and ivory .	lb.	154,581	640,723	104,600	899,904
	\$	6,855	47,667	8,329	62,851
Blanc fixe .....	lb.	476,056	140,700	447,276	1,064,032
	\$	10,093	4,056	7,331	21,480
Brocade and bronze powders ...	lb.	100	32,860	25,507	58,467
	\$	63	19,288	9,570	28,921
Lithopone .....	lb.	8,292,412	3,181,155	7,385,950	18,859,517
	\$	298,724	140,707	227,236	666,667
Oxide of cobalt .....	lb.	10	400	...	410
	\$	16	594	...	610
Oxide of tin and copper .....	lb.	158,755	35,352	25,298	219,405
	\$	53,902	15,597	7,581	77,080

Table 16 - IMPORTS OF PAINTS, PIGMENTS AND VARNISHES INTO CANADA FOR CONSUMPTION, 1936 (concluded)

Items	Unit of measure	From UNITED KINGDOM	From UNITED STATES	From OTHER COUNTRIES	TOTAL
<u>Other Chemical Pigments - concluded</u>					
Oxides, fireproofs, rough stuff, fillers and colours, dry, n.o.p.	lb.	1,443,395	3,662,966	891,398	5,997,759
	\$	179,427	487,128	55,059	721,614
Paris green, dry	lb.	28,046	16,000	33,041	77,087
	\$	4,552	2,843	5,025	12,420
Satin white	lb.	334,009	530,252	...	864,261
	\$	5,539	4,786	...	10,325
Ultramarine blue, dry or in pulp.	lb.	298,728	109,218	34,508	442,454
	\$	34,670	17,227	4,164	56,061
Zinc white (zinc oxide)	lb.	11,100,958	1,423,115	716,816	13,240,889
	\$	420,629	74,279	24,517	519,425
<u>Mineral Earth Pigments -</u>					
Ochres, ochrey earths, siennas and umbers	lb.	444,367	1,833,534	733,493	3,011,394
	\$	10,368	28,541	10,841	49,750
Putty	lb.	14,531	92,581	488,970	596,082
	\$	945	6,540	5,415	12,900
Artists' paints, n.o.p., ground and liquid	\$	67,671	11,326	12,309	91,306
Gold liquid paint	\$	7	2,392	260	2,659
Liquid fillers, anti-corrosive and anti-fouling paints, and ground in liquid paints, n.o.p.	gal.	24,948	133,413	3,968	162,329
	\$	38,265	228,623	5,930	272,818
Paints and colours, ground in spirits, and all spirit varnishes and lacquers	gal.	1,823	14,722	219	16,764
	\$	5,151	42,020	501	47,672
Varnishes, lacquers, japans, japan driers, liquid driers and oil finish, n.o.p.	gal.	6,449	89,533	1,008	96,990
	\$	10,971	155,896	2,824	169,691
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.	19,302	15,672	...	34,974
	\$	32,634	8,743	...	41,377
<b>TOTAL - PAINTS, PIGMENTS AND VARNISHES</b>	<b>\$</b>	<b>1,519,840</b>	<b>2,203,774</b>	<b>392,003</b>	<b>4,115,617</b>



DIRECTORY OF FIRMS IN THE PAINTS, PIGMENTS AND VARNISHES INDUSTRY IN CANADA, 1936.  
(continued)

<u>Names of Firms</u>	<u>Location of Plants</u>
<u>QUEBEC (concluded)</u>	
Carter White Lead Co. of Canada, Ltd.	1295 Delorimier Ave., Montreal
Cie de Peintures et Vernis Mont-Royal Ltee.	5669 Casgrain St., Montreal
Coatwell Paint & Varnish Co. Ltd.	147 Nazareth St., Montreal
Colonial Paint Co.	5409 St. Lawrence Blvd., Montreal
Conant Carbon Co. of Canada	3975 St. Ambroise St., Montreal
Cowens Chemical Products	923 Bleury St., Montreal
Crown Diamond Paint Co. Limited	41 Bates Road, Outremont
Domignon Metal Co. Ltd.	108 Frontenac St., Sherbrooke
International Paints (Canada) Limited	6700 Park Ave., Montreal
Jamieson, Jas. W., & Co. Limited	2691 Charlemagne St., Montreal
McArthur, Irwin, Limited	11 Bates Road, Outremont
Martin-Senour Co. Limited	6833 De L'Epee Ave., Montreal
Norman Lacquer Co. of Canada	1081 Wellington St., Montreal
Ritchie Mfg. Co.	1081 Wellington St., Montreal
Rock Paint & Varnish Ltd.	583 Inspecteur 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-Hambrock Limited, and The Murphy Company Limited	2735 Manufacturers St., Montreal
<u>ONTARIO -</u>	
Acme Paint & Varnish Co.	120 - 26th St., Long Branch
Adams Paint Mfg. Company Ltd.	Fort Erie North
Allen, Geo., Co.	159 Kendall Ave., Toronto
Aulcraft Paints Ltd.	325 Symington Ave., Toronto
Berry Brothers	Walker Road, Walkerville
Brooks Oil Co.	461 Cumberland Ave., Hamilton
Canada Varnish Co. Limited	53 Laird Drive, Leaside
Canadian Industries Limited	Perth and Kingsley Sts., Toronto
Claxton Mfg. Co.	Jane and Foxwell Aves., Toronto
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	61 Biggar Ave., Hamilton
Hannan Varnish Co. Limited	178 N. Water St., Galt
Imperial Varnish & Color Co. Limited	8 Morse St., Toronto
Lowe Brothers Co. Ltd.	263 Sorauren Ave., Toronto
Marietta Co. of Canada Ltd.	40 Dovercourt Road, Toronto
Masse Wood Finishing Products	264 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
Penfound Varnish Co. Ltd.	25 Cariboo Ave., Toronto
Pratt & Lambert Inc.	254 Courtwright St., Fort Erie North



DIRECTORY OF FIRMS IN THE PAINTS, PIGMENTS AND VARNISHES INDUSTRY IN CANADA, 1936.  
(concluded)

Names of Firms

Location of Plants

ONTARIO - (concluded)

Scarfe & Co. Limited	36 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
Sturgeons Limited	330 Carlaw Ave., Toronto
Trelco Limited	6 Alcina Ave., Toronto
Tremco Manufacturing Company (Canada)Ltd.	Clark and 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 -

Beaver Paint Co. Ltd.	1727 St. John St., Regina
Canadian Industries Limited	Lorne and Fifth Aves., Regina

ALBERTA -

Edmonton Paint & Glass Co. Ltd.	10049 - 105th St., Edmonton
Herbert Paint & Varnish Co. Ltd.	9th Ave. and 3rd St. W., Calgary

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 St., Vancouver
Grandolite Paint Co. Ltd.	1339 Richards St., Vancouver
Harte-Andrews Paints Ltd.	1302 Wharf St., Victoria
Martin-Senour Co. Ltd.	1505 Powell St., Vancouver
North West Products	1146 Union St., Vancouver
Staneland Co. Ltd.	Bay and Shakespeare Sts., Victoria

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