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**CANADA**  
**DEPARTMENT OF TRADE AND COMMERCE**  
**DOMINION BUREAU OF STATISTICS**

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**THE PAINTS, PIGMENTS & VARNISHES INDUSTRY**

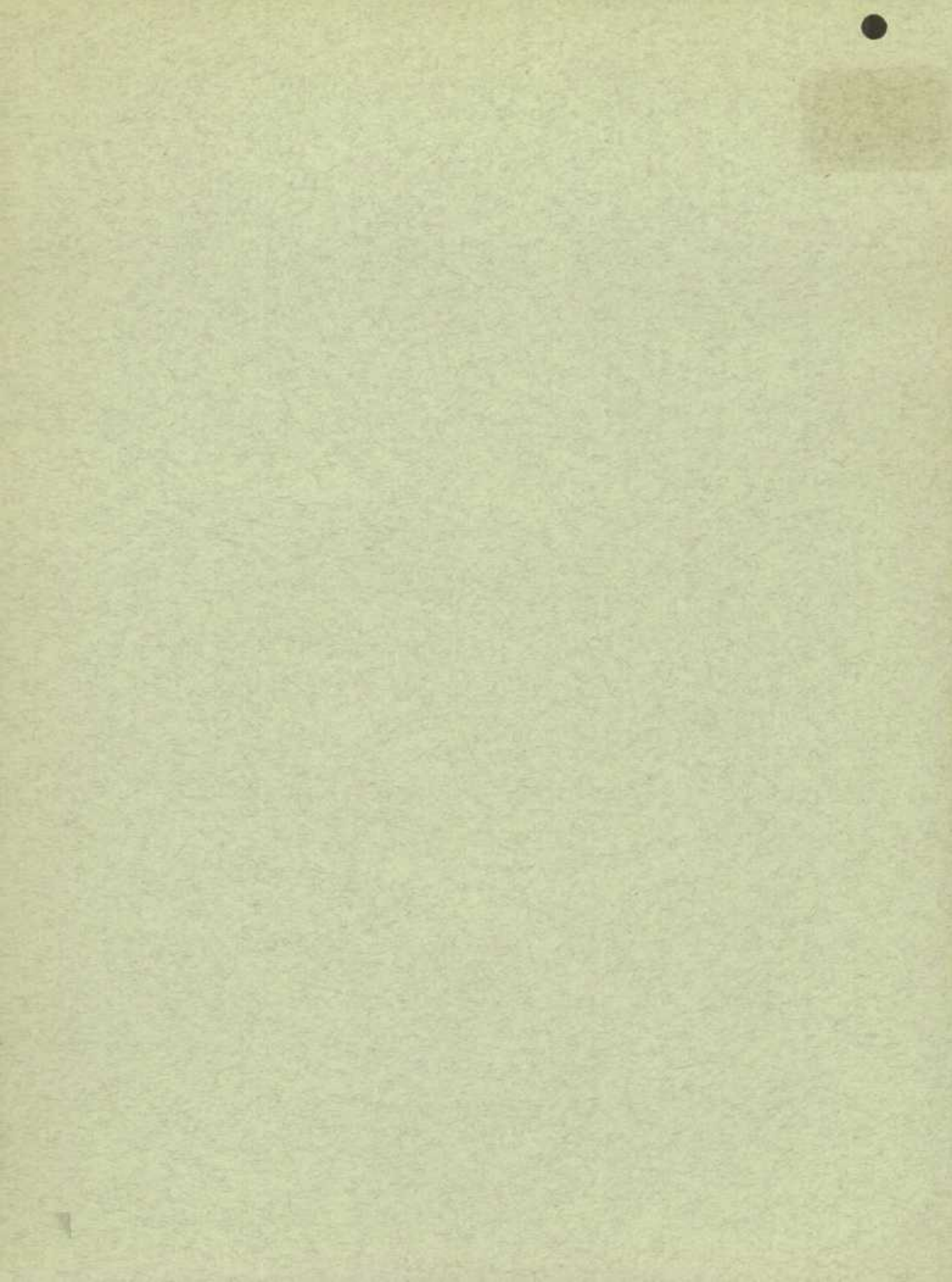
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DOMINION BUREAU OF STATISTICS - CANADA  
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Mining, Metallurgical and Chemical Branch  
Chief: W. H. Losee, B.Sc.

CHEMICALS AND ALLIED PRODUCTS

THE PAINTS, PIGMENTS AND VARNISHES INDUSTRY, 1932.

Production of paints, pigments and varnishes in Canada during 1932 was valued at \$14,912,383 at factory prices, a decline of 20 per cent from the total of \$18,536,463 in 1931 and the lowest value reported since annual records were commenced in 1918. The record output was in 1929 when the total selling value of products was \$27,103,465, but the drop of about 45 per cent in production value since that year has been partly due to the fall in prices. The index number of wholesale prices for paints and pigments was only 70.2 in 1932 compared with 75.4 in 1931, 84.8 in 1930 and 93.4 in 1929.

Factories in operation during 1932 numbered 71 of which 37 were in Ontario, 17 in Quebec, 8 in British Columbia, 4 in Manitoba, 2 in Saskatchewan and 1 in each of Nova Scotia, New Brunswick and Alberta. Capital employed by these firms was reported at \$23,978,252 compared with \$24,985,476 for the 75 works in operation in the previous year. The number of employees was 2,658 as against 2,780 in 1931 and salaries and wages totalled \$3,858,813 compared with \$4,281,861 for last year. The cost of materials used in manufacturing was \$6,295,860 in 1932 and \$7,974,852 in 1931.

The 37 works in Ontario accounted for 49 per cent of the total production and the 17 establishments in Quebec accounted for 38 per cent.

Among the products made for sale were: ready mixed paints valued at \$5,198,521, varnishes at \$2,095,327, enamels at \$1,817,217, nitrocellulose lacquers at \$1,115,629, white lead in oil at \$644,431, cold water paints at \$528,594, stains at \$379,726, paste paints at \$341,977, corroded white lead at \$137,806, pyroxylin thinners at \$342,291, dry colours at \$320,085, shellac at \$245,376, ground colours in oil or japan at \$253,921, putty at \$146,358, and many other lines such as red lead, litharge, japans, asphaltic and tar paints, core oil, paint and varnish removers, boiled linseed oil, size, floor wax, etc.

During the calendar year 1932 the imports into Canada of paints, pigments and varnishes were valued at \$2,765,137, including \$768,101 from the United Kingdom, \$1,541,913 from the United States, and \$455,123 from other countries. Among the imports were: 16,110,700 pounds of lithopone, 10,112,476 pounds of zinc oxide, 6,979,101 pounds of carbon black, 2,284,700 pounds of litharge, 2,424,023 pounds of ochres, siennas and umbers, 932,168 pounds of blanc fixe, 620,520 pounds of red lead and orange mineral, and other commodities of like nature.

Exports during the same period were appraised at \$374,274 of which \$140,874 went to the United Kingdom and \$41,409 to the United States. Included in the exports were: paints at \$284,231, mineral pigments, etc., at \$55,306, varnishes at \$33,162, putty at \$1,016, and white lead at \$559.

Table 1 - PRINCIPAL STATISTICS OF THE PAINTS, PIGMENTS AND VARNISHES INDUSTRY IN CANADA, 1922-1932.

Years	No. of plants	Capital employed	Average number of employees	Salaries and wages	Cost of materials at works	Selling value of products at works	Value added by manufacturing
		\$		\$	\$	\$	\$
1922 .....	53	21,073,706	2,452	3,421,216	9,790,603	18,623,305	8,832,702
1923 .....	57	20,806,909	2,591	3,665,823	9,965,145	20,938,802	10,973,657
1924 .....	55	20,587,856	2,287	3,044,228	9,778,525	18,187,681	8,409,156
1925 .....	62	21,460,431	2,355	3,093,191	9,974,106	19,530,082	9,555,976
1926 .....	64	22,890,807	2,484	3,375,961	10,667,673	22,279,382	11,611,709
1927 .....	62	23,162,090	2,563	3,552,586	10,474,908	22,606,063	12,131,155
1928 .....	68	24,256,008	2,881	3,967,295	11,387,295	24,703,733	13,316,438
1929 .....	69	26,471,976	2,851	4,260,019	12,414,829	27,103,465	14,688,636
1930 .....	78	26,212,828	2,835	4,307,998	11,094,435	23,966,502	12,872,067
1931 .....	75	24,985,476	2,780	4,281,861	7,974,852	18,536,463	10,561,611
1932 -							
Quebec .....	17	11,871,812	1,023	1,524,400	2,387,449	5,665,301	3,278,152
Ontario .....	37	9,050,113	1,201	1,861,959	3,026,723	7,314,203	4,287,480
Manitoba .....	4	918,030	196	191,658	362,941	729,392	366,751
British Columbia	8	1,451,345	151	192,996	402,438	810,363	407,925
Nova Scotia ....	1)						
New Brunswick ..	1)	686,952	87	87,800	116,309	392,524	276,215
Saskatchewan ...	2)						
Alberta .....	1)						
CANADA .....	71	23,978,252	2,658	3,858,813	6,295,860	14,912,383	8,616,523

Table 2 - CAPITAL EMPLOYED, BY CLASSES AND BY PROVINCES, 1931 and 1932.

Provinces	Value of lands, buildings, machinery, tools and other equipment	Inventory value of materials on hand, stocks in process and miscellaneous supplies on hand	Inventory value on value of finished products on hand	Operating capital (cash, bills and accounts receivable, prepaid expenses, etc.)	TOTAL CAPITAL EMPLOYED
	\$	\$	\$	\$	\$
<u>1931</u>					
Quebec .....	5,571,281	1,467,716	1,173,368	3,724,107	11,936,472
Ontario .....	4,301,813	1,207,501	1,022,184	3,144,907	9,676,405
Manitoba .....	394,020	446,523	274,903	43,706	1,159,152
British Columbia	699,984	223,844	241,234	352,404	1,517,466
Other provinces ..	430,912	162,330	83,056	19,683	695,981
CANADA .....	11,398,010	3,507,914	2,794,745	7,284,807	24,985,476
<u>1932</u>					
Quebec .....	5,947,738	1,360,587	1,264,239	3,299,248	11,871,812
Ontario .....	4,061,218	1,141,346	962,485	2,885,064	9,050,113
Manitoba .....	541,105	155,281	77,645	143,999	918,030
British Columbia	672,506	183,067	249,312	346,460	1,451,345
Other provinces...	426,117	164,140	78,516	18,179	686,952
CANADA .....	11,648,684	3,004,421	2,632,197	6,692,950	23,978,252



Table 3 - EMPLOYEES, SALARIES AND WAGES, BY PROVINCES, 1931 and 1932.

Provinces	Average number of employees					Salaries and Wages		
	On salaries		On wages		TOTAL	Salaries	Wages	TOTAL
	Male	Female	Male	Female				
						\$	\$	\$
<b>1931</b>								
Quebec .....	333	105	573	80	1,091	960,643	661,378	1,622,021
Ontario .....	424	119	650	69	1,262	1,323,362	812,504	2,135,866
Manitoba .....	82	8	82	16	188	115,456	103,880	219,336
British Columbia..	35	16	94	12	157	98,333	113,742	212,075
Other provinces...	22	6	51	3	82	41,319	51,244	92,563
CANADA .....	896	254	1,450	180	2,780	2,539,113	1,742,748	4,281,861
<b>1932</b>								
Quebec .....	307	103	549	64	1,023	903,919	620,481	1,524,400
Ontario .....	420	124	590	67	1,201	1,182,506	679,453	1,861,959
Manitoba .....	79	9	91	17	196	95,039	96,619	191,658
British Columbia .	37	14	88	12	151	89,699	103,297	192,996
Other provinces...	31	7	46	3	87	53,702	34,098	87,800
CANADA.....	874	257	1,364	163	2,658	2,324,865	1,533,948	3,858,813

Table 4 - WAGE EARNERS, BY MONTHS, 1931 and 1932.

Months	1931			1932			
	Male	Female	TOTAL	Male	Female	TOTAL	
January .....	1,377	167	1,544	1,309	161	1,370	
February .....	1,400	172	1,572	1,378	166	1,544	
March .....	1,412	182	1,594	1,418	187	1,605	
April .....	1,486	190	1,676	1,495	181	1,676	
May .....	1,571	191	1,762	1,489	184	1,673	
June .....	1,548	184	1,732	1,459	180	1,639	
July .....	1,462	172	1,634	1,381	167	1,648	
August .....	1,408	159	1,567	1,277	152	1,429	
September .....	1,387	156	1,543	1,314	147	1,461	
October .....	1,432	155	1,587	1,317	148	1,465	
November .....	1,441	151	1,592	1,304	147	1,451	
December .....	1,422	150	1,572	1,262	143	1,405	
AVERAGE .....	1,450	180	1,630	1,364	163	1,527	

Table 5 - NUMBER OF WAGE-EARNERS IN MONTH OF HIGHEST EMPLOYMENT ACCORDING TO REGULAR HOURS PER WEEK, 1932. (Overtime not included)

Regular hours per week	Number of wage earners	Regular hours per week	Number of wage earners
40 hours or less .....	78	51 - 53 hours .....	64
41 - 43 hours .....	12	54 hours .....	69
44 hours .....	686	55 hours .....	136
45 - 47 hours .....	155	56 - 59 hours .....	19
48 hours .....	196	60 hours .....	13
49 - 50 hours .....	290	Over 60 hours .....	41

Table 6 - FUEL AND ELECTRICITY USED, BY KINDS, 1931 and 1932.

Kinds	Unit of measure	1 9 3 1		1 9 3 2	
		Quantity	Cost at works \$	Quantity	Cost at works \$
Bituminous coal - Canadian ..	short ton	6,981	47,876	8,350	55,528
Imported ..	short ton	9,446	50,402	8,331	48,493
Anthracite coal .....	short ton	2,382	11,490	1,557	7,030
Lignite coal - Canadian .....	short ton	...	...	6	65
Coke .....	short ton	1,735	16,581	1,530	14,515
Gasoline .....	Imp. gal.	...	...	200	54
Kerosene or coal oil .....	Imp. gal.	...	...	410	72
Fuel oil .....	Imp. gal.	204,183	15,228	251,339	17,652
Wood .....	cord	479	1,964	645	2,589
Gas - Manufactured .....	M cu. ft.	1,174	997	882	791
Natural .....	M cu. ft.	364	300	363	289
Other fuel .....	xx	...	6,336	...	5,767
Electricity purchased .....	K.W.H.	6,036,418	98,759	7,241,684	99,427
TOTAL .....	xx	...	249,933	...	252,272

Table 7 - POWER EQUIPMENT, 1931 and 1932.

Kinds	1 9 3 1		1 9 3 2	
	Number of units	Total rated horse power	Number of units	Total rated horse power
Steam engines .....	17	789	17	789
Gasoline, gas and oil engines .....	...	...	2	12
Hydraulic turbines or water wheels ...	1	90	1	90
Total Primary Equipment .....	18	879	20	891
Electric motors run by purchased power	753	6,212	748	6,320
Total Power Equipment .....	771	7,091	768	7,211
Total Electric Motors .....	753	6,212	748	6,320
Boilers .....	45	2,923	48	3,123

Table 8 - MATERIALS USED, 1931 and 1932.

Materials	Unit of measure	1 9 3 1		1 9 3 2	
		Quantity	Cost at works \$	Quantity	Cost at works \$
<u>Pigments, colours and fillers</u>					
Pig lead .....	lb.	14,581,824	622,373	14,414,830	391,113
Basic carbonate white lead, dry .....	lb.	2,904,442	233,018	2,420,982	172,125
Basic carbonate white lead, in oil ..	lb.	859,268	76,722	747,892	54,892
Basic sulphate white lead .....	lb.	122,774	9,508	128,518	13,117
Red lead .....	lb.	805,832	60,906	636,337	41,095
Litharge .....	lb.	426,530	28,382	507,121	29,636
Zinc .....	lb.	123,930	8,435	221,827	12,501
Zinc ore .....	lb.	845,903	19,745	1,059,101	16,842
Zinc oxide, pure .....	lb.	1,754,807	132,118	1,624,738	113,496
Leaded zinc oxides and zinc leads ...	lb.	2,202,309	131,509	1,402,142	83,802
Lithopone .....	lb.	9,108,421	418,666	7,630,576	346,242
Titanium white .....	lb.	745,207	89,761	691,304	96,759
Nitrocellulose .....	lb.	544,316	125,080	408,004	103,305
Blanc fixe .....	lb.	146,025	12,915	23,353	817
Barytes .....	lb.	2,304,119	39,361	2,064,303	35,138
Satin white .....	lb.	702,703	9,586	264,531	1,836



Table 8 MATERIALS USED, 1931 and 1932. continued

Materials	Unit of measure	1931		1932	
		Quantity	Cost at works \$	Quantity	Cost at works \$
<b>Pigments, colours and fillers - cont'd.</b>					
Whiting or chalk	lb.	10,581,388	98,393	9,460,822	89,868
Asbestine	lb.	3,097,155	38,529	2,488,166	32,857
Kaolin or china clay	lb.	2,154,086	21,231	971,680	12,240
Silica, silex or infusorial earth	lb.	1,175,751	18,244	965,209	14,837
Iron oxide pigments	lb.	1,828,540	67,752	1,402,025	52,323
Ochres, siennas and umbers	lb.	1,166,860	86,539	1,025,240	48,037
Coal tar lakes	lb.	67,321	42,030	68,176	44,388
Ultramarine blue	lb.	106,356	16,857	105,791	15,803
Prussian blue	lb.	30,557	12,765	34,844	13,054
Graphite	lb.	184,742	6,761	87,960	3,837
Lampblack, and other carbon blacks	lb.	323,073	40,352	215,748	29,052
All other pigments and dry colours	lb.	3,014,331	391,390	3,772,998	322,175
<b>Driers</b>					
Manganese salts	lb.	37,972	4,827	49,673	5,324
Cobalt salts	lb.	10,107	7,976	17,021	10,960
Resins	lb.	4,682,300	193,934	3,220,232	149,826
Glue	lb.	374,739	90,650	335,450	79,939
Gums	lb.	2,176,118	293,185	1,566,338	177,840
Shellac	gal.	114,683	76,062	208,483	64,099
Waxes	lb.	129,401	9,547	126,832	10,586
Linoleate driers purchased	gal.	10,614	9,484	6,721	4,031
Resinate driers purchased	gal.	33,221	16,024	32,188	11,622
All other driers	lb.	41,944	8,478	67,970	7,267
<b>Oils and Solvents</b>					
Linseed oil, raw	gal.	1,216,599	793,252	886,346	455,049
Linseed oil, boiled	gal.	420,953	274,375	370,463	216,102
China wood oil	gal.	422,319	385,681	474,671	249,984
Soya bean oil	gal.	26,496	17,968	15,852	11,352
Fish oils	gal.	72,908	28,016	42,607	20,250
Perilla oil	gal.	3,819	4,341	7,545	6,526
Turpentine (gum spirits)	gal.	440,834	240,704	375,869	208,330
Wood turpentine	gal.	36,517	19,918	27,770	11,916
Petroleum distillates	gal.	1,913,141	340,494	1,634,441	273,321
Acetone	lb.	76,854	16,592	81,725	16,211
Acetic acid	lb.	221,750	16,584	336,768	27,434
Amyl alcohol	gal.	27,056	39,588	13,508	23,336
Amyl acetate	gal.	12,535	24,260	18,018	35,709
Butyl alcohol	gal.	23,906	39,674	16,875	25,693
Butyl acetate	gal.	105,997	181,982	81,494	117,151
Denatured alcohol	gal.	...	...	114,968	92,234
Ethyl alcohol	gal.	62,772	40,462	15,524	13,855
Ethyl acetate	gal.	117,860	118,386	98,307	100,895
Methyl hydrate (wood alcohol)	gal.	123,435	79,929	50,892	39,359
Creosote	gal.	65,259	16,985	33,064	11,122
Coal tar naphtha and benzol	gal.	311,319	163,644	...	...
Benzol	gal.	...	...	38,791	15,286
Coal tar pitch	lb.	138,039	11,093	175,525	16,777
Asphaltum	lb.	896,531	20,865	738,690	21,929
Toluol	gal.	...	...	210,269	111,723
Xylol	gal.	...	...	16,700	7,853
Cans, cases, barrels, labels, etc.	xx	...	990,404	...	906,957
All other materials	xx	...	531,560	...	546,825
<b>TOTAL</b>	<b>xx</b>	<b>...</b>	<b>7,974,852</b>	<b>...</b>	<b>6,295,860</b>

Table 9 - PRODUCTS MADE, 1931 and 1932.

Products	Unit of measure	1 9 3 1		1 9 3 2	
		Quantity	Selling value at works \$	Quantity	Selling value at works \$
White lead, dry .....	lb.	6,739,567	397,785	2,294,050	137,806
White lead, ground in oil .....	lb.	8,018,101	641,835	9,142,606	644,431
Colours, dry .....	lb.	2,031,275	157,427	5,804,519	320,085
Colours, ground in oil or japan .....	Imp. gal.	1,653,401	302,219	1,256,131	253,921
Enamels, synthetic type .....	Imp. gal.	137,398	473,332	223,485	789,335
Enamels, other .....	Imp. gal.	419,113	1,286,969	358,988	1,027,882
Japans .....	Imp. gal.	118,961	166,072	131,708	153,280
Lacquers, nitrocellulose (pyroxylin) .....	Imp. gal.	593,232	1,368,513	427,064	1,115,629
Paints, cold water .....	lb.	8,715,672	598,384	...	528,594
Paints, asphaltic and tar .....	Imp. gal.	153,997	134,432	91,156	97,659
Paints, iron oxide .....	Imp. gal.	69,934	93,281	34,572	51,284
Paints, paste .....	lb.	4,523,313	476,805	3,050,728	341,977
Paints, ready mixed .....	Imp. gal.	3,042,124	7,594,352	2,191,313	5,198,521
Shellac .....	Imp. gal.	162,685	363,493	120,625	245,376
Stains (oil, spirit, varnish and creosote) .....	Imp. gal.	336,383	547,075	232,552	379,726
Varnishes, oil and spirit .....	Imp. gal.	1,436,305	2,540,064	1,253,787	2,095,327
Driers, linoleate and resinate .....	Imp. gal.	81,211	78,539	61,805	73,050
Fillers, paste and liquid .....	lb.	295,955	54,175	297,246	40,768
Floor wax, paste and liquid .....	lb.)	55,195	15,768)		
Floor polish, other than wax .....	lb.)	12,222	11,170)	142,371	31,628
Oil, linseed, boiled .....	Imp. gal.	100,248	71,928	79,620	47,476
Oil, core and paint .....	Imp. gal.	143,186	112,539	121,010	83,328
Oils, stand, blown and enamel .....	Imp. gal.	34,204	34,573	12,096	10,909
Paint and varnish removers .....	Imp. gal.	49,295	100,106	40,869	85,719
Putty .....	lb.	5,101,164	193,047	4,118,698	146,358
Pyroxylin thinners .....	Imp. gal.	312,411	380,088	249,268	342,291
Size .....	lb.	56,516	16,842	244,141	27,136
All other products(x) .....	xx	...	325,650	...	642,887
<b>TOTAL</b> .....			<b>18,536,463</b>		<b>14,912,383</b>

(x) Includes such products as red lead, litharge, synthetic gums, gold and aluminium paint, insulating waxes and compounds, paste, polishes, zinc oxide, textile oils, etc.

Table 10 - PRODUCTION IN CANADA, IMPORTS AND EXPORTS OF PAINTS, PIGMENTS AND VARNISHES, 1926 - 1932.

Years	Production	Imports	Exports
	\$	\$	\$
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



Table 11 -- IMPORTS INTO CANADA FOR CONSUMPTION OF PAINTS, PIGMENTS AND VARNISHES, 1932.

Items	Unit of measure	From UNITED KINGDOM	From UNITED STATES	From OTHER COUNTRIES	TOTAL
<u>Chemical Pigments, Lead -</u>					
Litharge .....	lb.	809,700	1,465,300	9,700	2,284,700
	\$	49,137	75,816	432	125,385
Lead, red, dry, and orange mineral ...	lb.	331,542	261,394	27,584	620,520
	\$	20,236	16,263	1,566	38,065
Lead, white, dry .....	lb.	3,221	5,191	...	8,412
	\$	185	444	...	629
Lead, white, ground in oil .....	lb.	12,982	650	...	13,632
	\$	1,097	77	...	1,174
<u>Other Chemical Pigments ..</u>					
Black, carbon .....	lb.	4,620	6,972,241	2,240	6,979,101
	\$	371	244,584	250	245,205
Blacks, lamp, bone and ivory .....	lb.	302,388	623,999	30,215	956,602
	\$	13,481	42,545	2,269	58,295
Blanc fixe .....	lb.	646,397	174,591	111,180	932,168
	\$	13,092	6,988	852	20,932
Brocade and bronze powders .....	lb.	313	22,168	18,886	41,367
	\$	305	13,639	7,194	21,138
Lithopone .....	lb.	2,342,370	5,829,813	7,958,517	16,110,700
	\$	77,947	268,138	239,063	585,148
Oxide of cobalt, tin and copper, n.o.p.	lb.	69,297	93,472	9,117	171,886
	\$	20,105	25,317	1,781	47,203
Oxides, fireproofs, rough stuff, fillers and colours, dry, n.o.p. ....	lb.	1,238,504	3,249,318	230,156	4,717,978
	\$	159,148	432,188	24,788	616,124
Paris green, dry .....	lb.	100,615	46,900	19,690	167,205
	\$	19,027	8,180	2,698	29,905
Satin white .....	lb.	65,355	542,840	...	608,195
	\$	2,286	5,884	...	8,170
Ultramarine blue, dry or in pulp .....	lb.	251,792	107,819	60,114	419,725
	\$	29,330	15,011	7,101	51,442
Zinc white (zinc oxide) .....	lb.	5,558,486	1,539,191	3,014,799	10,112,476
	\$	231,843	110,027	114,991	456,861
<u>Mineral Earth Pigments -</u>					
Ochres, ochrey earths, siennas and umbers .....	lb.	159,408	1,373,291	891,324	2,424,023
	\$	5,165	23,907	12,734	41,806
Putty .....	lb.	5,719	43,564	639,181	688,464
	\$	209	3,754	7,548	11,511
Artists' paints, n.o.p., ground and liquid .....	\$	55,860	11,856	19,717	87,433
Gold liquid paint .....	\$	559	2,249	443	3,251
Liquid fillers, anti-corrosive and anti-fouling paints, and ground in liquid paints, n.o.p. ....	gal.	32,684	64,940	5,323	102,947
	\$	44,331	103,030	9,548	156,909
Paints and colours, ground in spirits, and all spirit varnishes and lacquers.	gal.	586	11,998	342	12,926
	\$	1,868	40,664	1,001	43,533
Varnishes, lacquers, japans, japan driers, liquid driers, and oil finish, n.o.p.	gal.	11,047	49,085	412	60,544
	\$	22,519	91,352	1,147	115,018
<b>TOTAL PAINTS, PIGMENTS AND VARNISHES...</b>	<b>\$</b>	<b>768,101</b>	<b>1,541,913</b>	<b>455,123</b>	<b>2,765,137</b>

Table 12 - EXPORTS OF PAINTS, PIGMENTS AND VARNISHES FROM CANADA, 1932.

Items	Unit of measure	To	To	To	TOTAL
		UNITED KINGDOM	UNITED STATES	OTHER COUNTRIES	
Mineral pigments, iron oxides, ochres, etc. ....	cwt.	919	9,231	5,553	15,703
	\$	3,775	28,480	23,051	55,306
White lead, dry or in oil .....	cwt.	...	...	83	83
	\$	...	...	559	559
Paints, n.o.p. ....	\$	129,876	6,426	147,929	284,231
Putty .....	cwt.	63	1	236	300
	\$	356	3	657	1,016
Varnish .....	gal.	3,261	10,394	14,792	28,447
	\$	6,867	6,500	19,795	33,162
TOTAL .....	\$	140,874	41,409	191,991	374,274

DIRECTORY OF FIRMS IN THE PAINTS, PIGMENTS AND VARNISHES INDUSTRY IN CANADA,  
1932.

<u>Name of Firm</u>	<u>Location of Plant</u>
<u>NOVA SCOTIA -</u>	
Brandram-Henderson, Ltd.	230 Kempt Rd., Halifax
<u>NEW BRUNSWICK -</u>	
Maritime Paint & Chemical Co. Ltd.	348 Main St., Moncton
<u>QUEBEC -</u>	
Army Navy Mfg. Products Reg'd.	926a St. George St. W., Montreal
Brandram-Henderson Ltd.	6684 St. Urbain St., Montreal
Carter White Lead Co. of Canada, Ltd.	1295 Delorimier Ave., Montreal
Crown Diamond Paint Co. Ltd.	Bates Road, Outremont
Dominion Metal Co. Ltd.	108-110 Frontenac St., Sherbrooke
International Paints (Canada) Ltd.	6700 Park Ave., Montreal
Jamieson, Jas. W., & Co. Ltd.	2691 Charlemagne St., Montreal
Jamieson, R.C., & Co. Ltd.	2100 St. Patrick St., Montreal
McArthur, Irwin, Ltd.	11 Bates Road, Outremont
Martin-Senour Co. Ltd.	6853 De L'Eppee Ave., Montreal
Mount Royal Color & Varnish Co. Ltd.	5669 Casgrain St., Montreal
Murphy Company Ltd.	2735 Manufacturers St., Montreal
Ramsay, A., and Son, Company	370 Inspector St., Montreal
Rock Paint & Varnish Ltd.	707 St. Jacques St., Montreal
Sherwin-Williams Co. of Canada, Ltd.	2875 Centre St. and 19 Hunter St., Montreal
Steel Company of Canada, Ltd.	2320 Notre Dame St. W., Montreal
Thorp-Hambrook Co. Ltd.	2720 St. Patrick St., Montreal
<u>ONTARIO -</u>	
Adams Paint Mfg. Co. Ltd.	Fort Erie North
Allen, Geo., Co.	159 Kendall Ave., Toronto
Arco Company Ltd.	Mount Dennis
Aulcraft Paints Ltd.	313 Symington Ave., Toronto
Berry Brothers	Walker Road, Walkerville
Boulton Paint Co. Ltd.	167 King St. E., Toronto
Brandram-Henderson Limited	377 Carlaw Ave., Toronto
Canada Varnish Co. Ltd.	Laird Drive, Leaside
Canadian Industries Limited	Perth and Kingsley Sts., Toronto



DIRECTORY OF FIRMS IN THE PAINTS, PIGMENTS AND VARNISHES INDUSTRY IN CANADA, 1932. concluded.

Name of Firm

Location of Plant

ONTARIO - concluded

Claxton Mfg. Co.	102 Front St. E., Toronto
Cosmos Chemical Co. Ltd.	Cavan St., Port Hope
Glidden Co. Ltd.	380 Wallace Ave., Toronto
Gypsum, Lime & Alabastine, Canada, Ltd.	Willow St., Paris
Hamilton Paint & Varnish Works	63 Biggar Ave., Hamilton
Hannan Varnish Co. Ltd.	Glenmorris
Hippo-Weir Co. Ltd.	Spirea Ave., Long Branch
Imperial Varnish & Color Co. Ltd.	8 Morse St., Toronto
International Varnish Co. Ltd.	371 Carlaw Ave., Toronto
Lowe Bros. Co. Ltd.	263 Sorauren Ave., Toronto
Moore, Benjamin & Co. Ltd.	Mulock and Lloyd Aves., Toronto
Morin, J. H., & Co. Ltd.	54 Colborne St., Toronto
Muirhead, A., Co. Ltd.	217 King St. and St. Lawrence St., Toronto
Northern Paint & Varnish Co. Ltd.	14th St. W., Owen Sound
Northern Pigment Company Ltd.	22nd St., New Toronto
Ottawa Paint Works Ltd.	687 Wellington St., Ottawa
Ontario Paint and Varnish Co. Ltd.	268 Pape Ave., Toronto
Penfound Varnish Co. Ltd.	Cariboo Ave., Toronto
Pratt & Lambert, Inc.	54 Courtwright St., Fort Erie
Scarfe & Co. Ltd.	35 Greenwich St., Brantford
Sinclair, Malcolm Co. Ltd.	Dundas St., Oakville
Smyth, John, Mfg. Co.	Mt. Pleasant
Standard Paint & Varnish Co. Ltd.	Wyandotte St. W., Windsor
Sturgeons Ltd.	330 Carlaw Ave., Toronto
Toronto Putty Co.	142 Davenport Rd., Toronto
Trelco Ltd.	6 Alcina Ave., Toronto
Treuhaft Manufacturing Ltd.	Leaside
Watts Chemical Co.	355 Weston Road S., Toronto

MANITOBA -

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

SASKATCHEWAN -

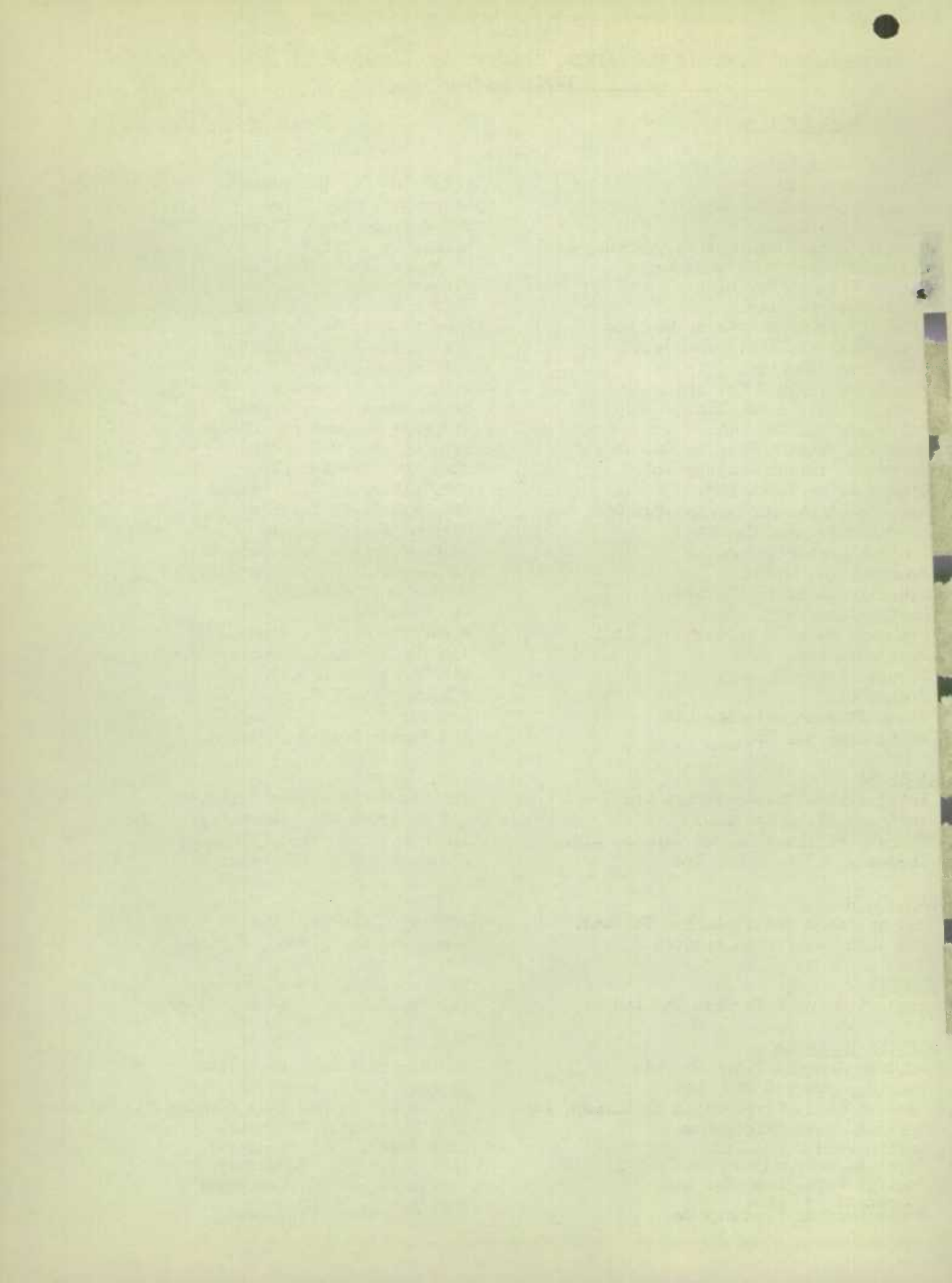
Beaver Paint Manufacturing Co. Ltd.	1727 St. John St., Regina
Canadian Industries Limited	Lorne and Fifth Ave., Regina

ALBERTA -

Herbert Paint & Varnish Co. Ltd.	9th Ave. and 3rd St. W., Calgary
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BRITISH COLUMBIA -

British America Paint Co. Ltd.	680 Montreal St., Victoria
Darling, Henry & Son, Ltd.	28 Powell St., Vancouver
General Paint Corporation of Canada, Ltd.	950 Raymur St. and 24 E. Cordova 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
Pacific White Lead Co. Ltd.	Granville Island, Vancouver
Staneland Co. Ltd.	Bay St., Victoria
Waterproofing Products Co.	4254 Kingsway, Vancouver







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