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Annual Industry Report

Chemicals and Allied Products Group

THE INKS INDUSTRY, 1947

Output of printing inks in 1947 was reported at 17,843,861 pounds valued at \$5,883,670 as against 15,891,841 pounds at \$5,221,522 for 1946, and the value of writing inks was \$267,348 compared with \$310,230 in 1946.

Printing inks were manufactured in 19 different plants in 1947, distributed, by provinces, as follows: 4 in Quebec, 14 in Ontario, and 1 in British Columbia. The total production of these concerns was valued at \$6,265,591, including some printers' rollers and other products as well as printing inks. Employees numbered 592 and salaries and wages for the year amounted to \$1,275,197. Materials for manufacturing cost \$2,793,163 and fuel and electricity cost \$53,611 delivered at the works. Output included 17,826,391 pounds of printing inks at \$5,865,811, printers' rollers at \$338,915, and miscellaneous products worth \$60,865.

Four other establishments--1 in Manitoba, 2 in Quebec, and 1 in New Brunswick--made printers' rollers but no inks. Only 22 workers were employed in these plants and their total output, valued at \$88,909 included rollers at \$84,911. Including the output from concerns which made printing inks as well as rollers, the total production of the latter was \$423,826 in 1947.

Writing inks were made in 3 factories in Quebec, 4 in Ontario, 1 in Manitoba and 1 in British Columbia, a total of 9 establishments, which employed 105 persons and made goods valued at \$667,766. Production included writing inks at \$267,348, mucilage and paste at \$69,501, and miscellaneous articles at \$330,917.

For the entire group, there were 32 establishments which employed 719 workers and produced goods valued at \$7,022,266.

Imports of inks in 1947 included 883,757 pounds of printing inks valued at \$375,442; 27,520 pounds of rotogravure inks at \$12,919, and writing inks valued at \$29,793.

Table 1 - PRINCIPAL STATISTICS OF THE INKS INDUSTRY, 1937-1947

Year	Number of plants	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
			\$	\$	\$	\$
1937	31	520	882,449	37,053	1,278,720	3,270,506
1938	31	530	918,535	38,108	1,250,000	3,180,990
1939	33	543	956,165	41,842	1,465,418	3,454,951
1940	33	585	1,076,473	47,604	1,601,868	3,799,179
1941	33	623	1,204,263	47,454	2,264,748	4,774,284
1942	34	596	1,221,692	45,802	2,089,757	4,797,245
1943	32	571	1,283,869	41,837	1,920,857	4,657,465
1944	31	616	1,303,120	46,471	2,019,380	4,740,061
1945	31	641	1,341,553	46,571	2,138,428	5,037,168
1946	30	653	1,330,097	59,062	2,770,760	6,244,648
1947	32	719	1,464,845	61,851	3,142,522	7,022,266
Per cent change, 1947 from 1946 ....	..	+10.1	+10.1	+4.7	+13.4	+12.4

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

Table 2 - PRINCIPAL STATISTICS, BY SUB-GROUPS, 1943-1947

Year	Number of plants	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>Printing Inks and Printers' Rollers</u>						
1943	22	449	1,131,283	37,534	1,516,947	3,827,829
1944	21	490	1,153,754	41,618	1,649,974	4,006,467
1945	20	504	1,160,489	41,574	1,779,809	4,317,137
1946	22	545	1,174,743	53,768	2,443,337	5,586,780
1947	23	614	1,313,830	55,547	2,809,372	6,354,500
<u>Writing Inks</u>						
1943	10	122	152,586	4,303	403,910	829,636
1944	10	126	149,366	4,853	369,406	733,594
1945	11	137	181,064	4,997	358,619	720,031
1946	8	108	155,354	5,294	327,423	657,868
1947	9	105	151,015	6,304	333,150	667,766
<u>T O T A L</u>						
1943	32	571	1,283,869	41,837	1,920,857	4,657,465
1944	31	616	1,303,120	46,471	2,019,380	4,740,061
1945	31	641	1,341,553	46,571	2,138,428	5,037,168
1946	30	653	1,330,097	59,062	2,770,760	6,244,648
1947	32	719	1,464,845	61,851	3,142,522	7,022,266

Table 3 - PRINCIPAL STATISTICS, BY PROVINCES, 1946 and 1947

Year	Number of plants	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>1946</u>						
Quebec	8	112	164,087	8,100	338,641	801,053
Ontario	17	516	1,127,726	49,458	2,366,346	5,334,724
Manitoba	2)					
British Columbia ..	)	25	38,284	1,504	65,773	108,871
New Brunswick	2)					
	1)					
CANADA ...	30	653	1,330,097	59,062	2,770,760	6,244,648
<u>1947</u>						
Quebec	9	112	180,505	10,658	366,416	872,007
Ontario	18	584	1,245,144	49,391	2,693,148	6,020,554
Manitoba	2)					
British Columbia ..	)	23	39,196	1,802	82,958	129,705
New Brunswick	2)					
	1)					
CANADA ...	32	719	1,464,845	61,851	3,142,522	7,022,266

Table 4 - EMPLOYEES, SALARIES AND WAGES, BY PROVINCES, 1946 and 1947

Province	Average Number of Employees					Salaries	Wages	TOTAL SALARIES and WAGES
	On salaries		On wages		Total			
	Male	Female	Male	Female				
						\$	\$	\$
<u>1946</u>								
Quebec	25	13	50	24	112	67,423	96,664	164,087
Ontario	99	55	333	29	516	490,376	637,350	1,127,726
Other provinces	8	2	13	2	25	20,146	18,138	38,284
CANADA ...	132	70	396	55	653	577,945	752,152	1,330,097
<u>1947</u>								
Quebec	26	10	59	17	112	85,378	95,127	180,505
Ontario	126	72	360	26	584	465,943	779,201	1,245,144
Other provinces	7	2	13	1	23	21,162	18,034	39,196
CANADA ...	159	84	432	44	719	572,483	892,362	1,464,845

Table 8 - MATERIALS USED IN MANUFACTURING, 1946 and 1947

Material	Unit of measure	1946		1947	
		Quantity	Cost at works	Quantity	Cost at works
Carbon black	lb.	949,025	80,911	1,095,899	92,856
Dry colours	lb.	1,939,309	922,326	2,657,079	1,089,065
Glue	lb.	84,914	23,891	96,661	32,081
Glycerine	lb.	167,891	28,638	170,294	54,701
Gums	lb.	860,149	178,321	1,121,514	229,616
Oils - Castor	gal.	4,071	9,714	926	2,792
Chinawood (Tung)	lb.	20,055	8,590	28,451	8,831
Cottonseed	lb.	1,264	246	2,174	565
Linseed	Imp.gal.	93,072	103,854	110,524	257,845
Other oils .....	...	...	143,353	...	103,387
Starch	lb.	166,896	12,245	162,453	11,074
Varnishes	Imp.gal.	258,343	319,135	180,377	311,559
Wax - Beeswax	lb.	6,316	2,837	2,907	1,155
Carnuba	lb.	4,241	4,151	5,387	7,025
Paraffin	lb.	77,987	8,642	17,494	1,915
Other	lb.	15,990	5,391	24,551	9,376
All other materials .....	...	...	697,049	...	711,621
Containers, packing materials	...	...	221,466	...	217,058
TOTAL .....	...	...	2,770,760	...	3,142,522

Table 9 - PRODUCTS MADE, 1946 and 1947

Product	Unit of measure	1946		1947	
		Quantity	Selling value at works	Quantity	Selling value at works
Printers' inks -					
Newspaper	lb.	10,406,449	2,117,486	11,974,792	2,276,170
Lithographing	lb.	2,848,795	1,836,377	1,014,996	812,317
Other	lb.	2,636,597	1,267,759	4,854,073	2,795,183
Writing inks	lb.	949,260	310,230	780,690	267,348
Printers' rollers	lb.	615,220	345,765	...	423,826
Mucilage and paste .....	...	...	90,942	...	85,861
All other products (*) .....	...	...	276,089	...	361,561
TOTAL .....	...	...	6,244,648	...	7,022,266

(*) Includes carbon paper, typewriter ribbons, rubber stamp pads, stains, colours, and other commodities made as minor products by the ink manufacturers.

Table 10 - TOTAL PRODUCTION OF PRINTING INKS AND PRINTERS' ROLLERS IN CANADA, 1937-1947

Year	Printing Inks		Printers' rollers and composition
	Pounds	\$	
1937	10,244,467	2,519,431	267,867
1938	9,353,410	2,448,710	255,784
1939	9,155,170	2,692,717	255,011
1940	9,793,866	2,984,333	277,391
1941	11,091,468	3,767,697	298,438
1942	10,390,510	3,683,455	257,724
1943	10,410,295	3,510,822	246,795
1944	10,432,495	3,582,309	253,714
1945	12,502,374	3,998,471	298,573
1946	15,891,841	5,221,522	345,765
1947	17,843,861	5,883,670	423,826

Table 11 - TOTAL PRODUCTION OF WRITING INKS IN CANADA, 1937-1947

Year	Selling value at works
	\$
1937	268,952
1938	257,369
1939	271,374
1940	276,330
1941	380,129
1942	419,524
1943	556,627
1944	448,279
1945	416,924
1946	310,230
1947	267,348

Table 12 - IMPORTS OF INKS INTO CANADA, 1946 and 1947

	1946		1947	
	Quantity lb.	Value \$	Quantity lb.	Value \$
Printing ink -				
From - United Kingdom ...	202,778	138,512	153,020	95,337
United States	489,868	224,045	730,617	280,029
Other	198	528	120	76
Total	692,844	363,085	883,757	375,442
Rotogravure ink -				
From - United States	20,397	9,637	27,520	12,919
Total	20,397	9,637	27,520	12,919
Writing ink -				
From - United Kingdom ...	...	2,858	...	1,409
United States ....	...	37,228	...	28,086
Hong Kong .....	...	126	...	118
Other .....	...	148	...	180
Total .....	...	40,360	...	29,793

LIST OF FIRMS IN THE INKS INDUSTRY, 1947

Name of Firm	Address
(a) <u>Writing Inks</u>	
<u>Quebec -</u>	
Carter's Ink Company of Canada Ltd.	4501 Drolet St., Montreal
La Cie Techno Chimique Masse	2060 rue St. Joseph, Lachine
L. E. Waterman Co. Ltd.	263 St. James St., Montreal
<u>Ontario -</u>	
Blue Bird Ink Company Limited	124 Richmond St. W., Toronto
Poole, J. E., Company	18 Holly St., Toronto
Reeves, L. A., Ink Co.	215-217 Niagara St. W., Toronto
Blue Ribbon Ink and Stationery Co.	623 Queen St. W., Toronto
<u>Manitoba -</u>	
Reliance Ink Co. Limited	520 McGee St., Winnipeg
<u>British Columbia -</u>	
Peerless Products Limited	2233 Yukon St., Vancouver
(b) <u>Printing Inks and Printers' Rollers</u>	
<u>New Brunswick -</u>	
Johnson, Ensley B. (*)	45 Kennedy St., Saint John
<u>Quebec -</u>	
Bedwell & Company	3415 Colonial Ave., Montreal
Levey, F. H., Company (Canada) Ltd.	7147 Park Ave., Montreal
Printcraft Supply Co. (*)	130 McGill St., Montreal
Robertson, J. S. (*)	175 Lagauchetiere St. W., Montreal
Frontenac Ink Works Ltd.	400 Aqueduct St., Montreal
Murray-Hill Agencies Reg'd.	445 St. Peter St., Montreal
<u>Ontario -</u>	
Ault & Wiborg Co. of Canada Ltd.	82 Peter St., Toronto
Bush-Federal Ltd.	105 Davenport Rd., Toronto
Canada Printing Ink Company Limited	15 Duncan St., Toronto
Canadian Fine Color Co. Limited	240 Logan Ave., Toronto
Dominion Printing Ink & Colour Co. Limited	128 Pears Ave., Toronto
General Printing Ink Corp. of Canada Ltd.	London, and 821 Queen St. E., Toronto
Manton Brothers Limited	97-105 Elizabeth St., Toronto
Markrite Manufacturing Company	356 Bay St., Toronto
Rieger Printing Ink Company Limited	100 Montcalm Ave., Toronto
Sinclair and Valentine Co. of Canada Limited	233 Richmond St. W., Toronto
Toronto Star Limited	80 King St. W., Toronto
Winstone, B., & Sons (Canada) Limited	140 Kendal Ave., Toronto
Hendershot Inks Ltd.	96 McCaul St., Toronto
<u>Manitoba -</u>	
Printers' Roller Co. (*)	175 McDermot Ave., Winnipeg
<u>British Columbia -</u>	
Columbia Printing Ink & Roller Co. Ltd.	1350 Hornby St., Vancouver

(*) Do not make ink; make printers' rollers.

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