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PAINT AND VARNISH MANUFACTURERS

1967

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OF MANUFACTURES

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PAINT AND VARNISH MANUFACTURERS
(S.I.C. 375)

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For statistical purposes the industry titled Paint and Varnish Manufacturers in the revised Standard Industrial Classification covers the operations of establishments primarily engaged in manufacturing paints, varnishes, lacquers, enamels and shellac. This industry also includes establishments primarily engaged in manufacturing products such as putty, filler, oil stains and thinners.

In 1967 the value of shipments and other revenue (manufacturing and non-manufacturing) of the Paint and Varnish Manufacturers industry totalled $233.4 millions, an increase of $15.4 millions over 1966. This amount included shipments of paints and paint products valued at $188.9 millions, shipments of other products (secondary products) valued at $24.5 millions, and other revenue of $20.0 millions.

This industry's shipments of paints and paint products represented 88.5 per cent of its manufacturing revenue. Secondary products shipped in 1967 included patching materials, putties, resins, adhesives, etc.

The cost of materials and supplies, fuel and electricity, etc. (inputs) used in the production of goods of own manufacture increased by $4.2 millions. Cost of inputs in 1967 represented 51.9 per cent of the value of gross manufacturing output, compared to 52.8 per cent in 1965.

SYMBOLS

The following standard symbols are used in Dominion Bureau of Statistics publications:

.. figures not available.
... figures not appropriate or not applicable.
- nil or zero.
-- amount too small to be expressed.
p preliminary figures.
r revised figures.
x confidential to meet secrecy requirements of the Statistics Act.

NOTES TO USERS

See inside back cover

TABLE 1. PRINCIPAL STATISTICS, 1961-67

Year and province	Establishments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and electricity	Cost of materials and supplies	Value of shipments of goods of own manufacture	Value added	Working owners and partners		Employees		Value added
		Number	Man-hours paid	Wages					Number	Withdrawals	Number	Salaries and wages	
	No.		'000	$'000						$'000		$'000	
1961													
Totals	136	3,088	6,134	11,839	1,050	75,039	152,228	76,844	19	80	7,591	34,668	78,837
1962													
Totals	142	3,057	6,263	12,270	1,073	79,713	160,462	80,640	21	83	7,525	35,326	83,017
1963													
Totals	145	3,033	6,328	12,710	1,091	85,967	171,752	85,300	20	80	7,511	36,618	87,906
1964													
Totals	151	3,107	6,512	13,490	1,150	94,824	183,843	90,205	20	57	7,738	38,845	93,640
1965													
Totals	150	3,244	7,010	14,869	1,190	99,523	193,561	93,998	21	55	7,824	42,180	97,647
1966													
Newfoundland	1	x	x	x	x	x	x	x	-	-	x	x	x
Prince Edward Island	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia	2	x	x	x	x	x	x	x	-	-	x	x	x
New Brunswick	-	-	-	-	-	-	-	-	-	-	-	-	-
Quebec	42	866	1,825	3,872	276	26,811	51,670	25,003	x	x	2,585	14,010	26,339
Ontario	81	1,855	4,064	9,445	883	62,300	117,355	55,585	14	38	3,969	23,742	57,247
Manitoba	5	129	280	498	44	3,940	6,995	2,998	-	-	260	1,214	3,056
Saskatchewan	2	x	x	x	x	x	x	x	-	-	x	x	x
Alberta	4	x	x	x	x	x	x	x	-	-	x	x	x
British Columbia	22	362	757	1,719	102	10,894	20,191	9,812	x	x	858	4,492	10,201
Yukon and Northwest Territories	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	159	3,319	7,167	15,983	1,339	106,245	200,950	95,744	21	60	7,893	44,524	99,284
1967													
Newfoundland	2	x	x	x	x	x	x	x	-	-	x	x	x
Prince Edward Island	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia	2	x	x	x	x	x	x	x	-	-	x	x	x
New Brunswick	-	-	-	-	-	-	-	-	-	-	-	-	-
Quebec	42	839	1,755	4,040	286	27,146	52,685	25,569	4	8	2,702	15,165	27,012
Ontario	80	1,924	4,075	10,213	948	65,069	125,608	60,623	14	39	4,179	25,552	62,194
Manitoba	5	133	292	540	41	4,354	7,887	3,533	-	-	266	1,289	3,611
Saskatchewan	2	x	x	x	x	x	x	x	-	-	x	x	x
Alberta	4	x	x	x	x	x	x	x	-	-	x	x	x
British Columbia	22	371	762	1,850	111	11,137	21,996	10,706	1	--	885	4,858	11,381
Yukon and Northwest Territories	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	159	3,385	7,153	17,126	1,424	110,382	213,370	103,016	19	47	8,282	48,056	106,905

TABLE 2. PRINCIPAL STATISTICS CLASSIFIED BY SIZE GROUP BASED ON VALUE OF SHIPMENTS OF GOODS OF OWN MANUFACTURE, 1966 AND 1967

Size group	Establishments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and electricity	Cost of materials and supplies	Value of shipments of goods of own manufacture	Value added	Working owners and partners		Employees		Value added
		Number	Man-hours paid	Wages					Number	Withdrawals	Number	Salaries and wages	
	No.		'000	$'000						$'000		$'000	
1966													
Under $10,000	10	-	-	-	--	23	47	23	6	8	4	5	23
$ 10,000 to $ 24,999	8	6	11	18	1	76	135	69	4	7	10	29	69
25,000 " 49,999	9	11	23	31	3	182	307	125	6	21	16	55	137
50,000 " 99,999	15	24	53	94	16	715	1,186	469	4	21	62	252	545
100,000 " 199,999	25	80	171	328	43	2,244	3,818	1,557	1	4	169	823	1,650
200,000 " 499,999	25	187	401	817	79	4,984	8,420	3,436	-	-	378	1,958	3,576
500,000 " 999,999	21	244	515	1,083	125	8,355	15,201	6,990	-	-	532	3,051	7,162
1,000,000 " 4,999,999	35	1,322	2,863	6,395	547	44,542	81,260	37,040	-	-	3,026	17,096	38,944
5,000,000 and over	11	1,448	3,130	7,217	525	45,125	90,575	46,035	-	-	2,788	15,840	46,717
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	908	5,415	461
Totals	159	3,319	7,167	15,983	1,339	106,245	200,950	95,744	21	60	7,893	44,524	99,284
1967													
Under $10,000	9	-	-	-	--	22	46	22	6	8	3	4	22
$ 10,000 to $ 24,999	7	5	9	17	1	62	114	61	4	7	7	24	61
25,000 " 49,999	11	19	37	55	5	259	383	135	6	21	28	91	146
50,000 " 99,999	13	24	50	87	9	555	960	394	2	8	57	226	439
100,000 " 199,999	21	69	140	303	37	1,815	2,914	1,135	1	5	140	736	1,311
200,000 " 499,999	27	175	371	786	63	4,709	8,418	3,717	-	-	389	2,031	3,963
500,000 " 999,999	23	268	586	1,233	127	8,608	16,245	7,660	-	-	588	3,334	7,802
1,000,000 " 4,999,999	36	1,292	2,788	6,596	596	45,420	84,606	39,777	-	-	2,936	17,196	41,331
5,000,000 and over	12	1,533	3,170	8,050	586	48,931	99,683	50,114	-	-	3,084	18,115	51,436
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	1,050	6,298	395
Totals	159	3,385	7,153	17,126	1,424	110,382	213,370	103,016	19	47	8,282	48,056	106,905

TABLE 3. PRINCIPAL STATISTICS CLASSIFIED BY SIZE GROUP BASED ON TOTAL EMPLOYEES, 1966 AND 1967

Size group	Establishments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and electricity	Cost of materials and supplies	Value of shipments of goods of own manufacture	Value added	Working owners and partners		Employees		Value added
		Number	Man-hours paid	Wages					Number	Withdrawals	Number	Salaries and wages	
	No.		'000	$'000						$'000		$'000	
1966													
Under 5 employed	43	37	78	134	19	1,385	2,170	801	20	55	77	339	824
5- 14 "	40	176	377	777	83	5,198	8,948	3,707	1	4	338	1,748	3,958
15- 49 "	41	567	1,209	2,504	260	17,776	31,596	13,918	-	-	1,181	6,667	14,097
50- 99 "	10	353	768	1,737	143	11,315	20,210	8,950	-	-	693	4,101	9,515
100-199 "	19	1,229	2,725	6,123	544	40,589	79,934	30,496	-	-	2,677	15,372	41,219
200-499 "	6	957	2,010	4,709	290	29,982	58,093	28,872	-	-	2,019	10,884	29,209
500 employed and over	-	-	-	-	-	-	-	-	-	-	-	-	-
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	908	5,415	461
Totals	159	3,319	7,167	15,983	1,339	106,245	200,950	95,744	21	60	7,893	44,524	99,284
1967													
Under 5 employed	36	32	64	102	15	888	1,521	635	18	42	59	255	656
5- 14 "	47	206	422	883	89	5,958	10,364	4,571	1	5	406	2,061	4,854
15- 49 "	41	576	1,248	2,693	248	18,121	34,026	15,735	-	-	1,218	7,164	15,966
50- 99 "	10	375	829	1,945	159	12,308	21,235	9,233	-	-	711	4,276	10,003
100-199 "	19	1,237	2,642	6,537	583	42,864	87,178	44,097	-	-	2,741	16,183	45,684
200-499 " / 500 employed and over	6	959	1,948	4,965	331	30,244	59,045	28,745	-	-	2,097	11,818	29,344
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	1,050	6,298	395
Totals	159	3,385	7,153	17,126	1,424	110,382	213,370	103,016	19	47	8,282	48,056	106,905

TABLE 4. EMPLOYMENT AND PAYROLL, 1966 AND 1967

Year and province	Employees										Salaries and wages				
	Production and related workers				Administrative and office		Sales and distribution		Total		Production and related workers		Administrative and office	Sales and distribution	Total
	Manufacturing		Other								Manufacturing	Other			
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female					
	number										$'000				
1966															
Newfoundland	x	x	-	-	x	x	x	-	x	x	x	-	x	x	x
Prince Edward Island	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia	x	x	-	-	x	x	x	x	x	x	x	-	x	x	x
New Brunswick	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Quebec	792	74	-	-	513	297	820	89	2,125	460	3,872	-	4,754	5,384	14,010
Ontario	1,766	89	3	-	804	404	807	96	3,380	589	9,445	20	7,932	6,345	23,742
Manitoba	106	23	-	-	51	44	36	-	193	67	498	-	512	204	1,214
Saskatchewan	x	-	-	-	x	x	x	x	x	x	x	-	x	x	x
Alberta	x	-	-	-	x	x	x	x	x	x	x	-	x	x	x
British Columbia	311	51	-	-	119	92	241	44	671	187	1,719	-	1,266	1,506	4,492
Yukon and Northwest Territories	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	3,067	252	3	-	1,528	861	1,948	234	6,546	1,347	15,983	20	14,841	13,680	44,524
1967															
Newfoundland	x	x	-	-	x	x	x	-	x	x	x	-	x	x	x
Prince Edward Island	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia	x	x	-	-	x	x	x	x	x	x	x	-	x	x	x
New Brunswick	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Quebec	757	82	1	-	540	311	929	82	2,227	475	4,040	3	5,079	6,043	15,165
Ontario	1,825	99	2	-	826	431	882	114	3,535	644	10,213	14	8,333	6,992	25,552
Manitoba	107	26	-	-	55	43	35	-	197	69	540	-	543	206	1,289
Saskatchewan	x	-	-	-	x	x	x	x	x	x	x	-	x	x	x
Alberta	x	-	-	-	x	x	x	-	x	-	x	-	x	x	x
British Columbia	310	61	-	-	122	85	257	50	689	196	1,849	-	1,298	1,710	4,858
Yukon and Northwest Territories	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	3,101	284	3	-	1,596	896	2,153	249	6,853	1,429	17,126	17	15,700	15,213	48,056

TABLE 5. INVENTORIES, 1967

Province	Manufacturing				Non-manufacturing
	Materials, supplies, etc.	Goods in process	Finished goods of own manufacture	Total	Products or materials purchased for resale
	book value $'000				
Opening					
Newfoundland	x	x	x	x	x
Prince Edward Island	-	-	-	-	-
Nova Scotia	x	x	x	x	x
New Brunswick	-	-	-	-	-
Quebec	3,588	283	4,041	7,912	2,003
Ontario	9,495	2,249	14,478	26,222	1,110
Manitoba	637	40	521	1,197	50
Saskatchewan	x	-	x	x	-
Alberta	x	-	x	x	x
British Columbia	1,613	245	3,031	4,890	685
Yukon and Northwest Territories	-	-	-	-	-
Totals	15,922	2,847	22,651	41,420	3,968
Closing					
Newfoundland	x	x	x	x	x
Prince Edward Island	-	-	-	-	-
Nova Scotia	x	x	x	x	-
New Brunswick	-	-	-	-	-
Quebec	3,854	249	4,390	8,493	2,075
Ontario	10,323	2,668	15,090	28,081	1,327
Manitoba	630	32	570	1,232	64
Saskatchewan	x	-	x	x	-
Alberta	x	-	x	x	x
British Columbia	1,621	232	3,002	4,856	719
Yukon and Northwest Territories	-	-	-	-	-
Totals	17,043	3,209	23,741	43,993	4,332

TABLE 6. PURCHASED FUEL AND ELECTRICITY USED, 1966 AND 1967

Description		1966		1967	
		Quantity	Cost	Quantity	Cost
			$'000		$'000
1. Large establishments reporting commodity detail					
Bituminous coal:					
(a) From Canadian mines	ton	62	1	21	--
(b) Imported	"	105	2	114	3
Sub-bituminous coal (from Alberta mines only)	"	-	-	-	-
Anthracite coal	"	-	-	-	-
Lignite coal	"	16	--	12	--
Coke	"	266	7	161	4
Gasoline (including gasoline used in cars and trucks)	Imp. gal.	416,184	170	411,225	171
Fuel oil including kerosene or coal oil	"	3,690,830	369	3,768	375
Wood	cord	4	--	4	--
Gas:					
(a) Liquefied petroleum gases	Imp. gal.	17,617	4	16,334	4
(b) Other manufactured gas	M cu. ft.	-	-	-	-
(c) Natural gas	"	173,702	145	217,803	184
Other fuel		...	12	-	12
Electricity purchased	kwh.	43,130,734	536	47,407,248	585
Steam purchased		...	41	...	39
2. Small establishments not reporting commodity detail					
Estimate for fuel and electricity		...	51	...	47
3. All establishments					
Total fuel and electricity used		...	1,339	...	1,424

TABLE 7. MATERIALS AND SUPPLIES - MANUFACTURING ACTIVITY, 1966 AND 1967

Description	1966		1967	
	Quantity	Cost	Quantity	Cost
	lb.	$'000	lb.	$'000
1. Materials used:				
Prime pigments:				
Lead:				
Basic white lead carbonate, dry	775,989	156	923,756	193
Basic white lead silicate	642,587	133	782,953	172
Calcium plumbate	17,525	5	23,371	6
Red lead:				
95/96% Pb_3O_4	1,136,860	153	926,724	170
97/98% Pb_3O_4	699,404	137	640,639	116
Litharge	103,334	20	82,108	17
Other lead pigments	306,901	86	345,852	101
Whites:				
Antimony oxide and antimony oxide type	55,038	26	42,120	19
Lithopones	284,542	26	270,958	25
Titanium dioxide pure	48,469,490	12,461	51,257,291	13,555
Titanium dioxide extended	18,261,191	2,017	17,315,781	1,920
Zinc oxide, leaded	47,516	9	103,085	20
Zinc oxide, lead-free	3,249,876	550	2,951,286	511
Other white pigments	914,014	42	976,444	45
Blacks:				
Carbon black	601,642	206	556,245	219
Lamp black	136,009	40	143,969	42
Other black pigments (do not include iron oxide blacks)	98,735	37	179,398	43
Yellows and oranges - Inorganic:				
Cadmium yellow toner (chemically pure)	2,198	6	3,234	7
Cadmium lithopone yellow	9,336	18	6,028	11
Cadmium orange toner (chemically pure)	26	--	236	1
Cadmium lithopone orange	530	1	480	1
Mercury-cadmium orange	4,998	2	5,065	1
Chrome yellow:				
Primrose	230,414	93	250,873	101
Lemon	523,776	215	568,349	227
Medium	1,021,814	411	1,064,564	427
Chrome orange	129,768	54	134,352	49
Molybdate orange	751,062	414	767,250	425
Nickel titanium yellow	60,090	62	22,796	22
Strontium chromate	96,012	52	56,655	31
Zinc chromate	856,946	271	779,701	258
Zinc chromate, basic (zinc tetroxy chromate)	113,861	36	186,224	57
Other inorganic yellow and orange pigments	186,551	91	179,855	80

TABLE 7. MATERIALS AND SUPPLIES - MANUFACTURING ACTIVITY, 1966 AND 1967 - Continued

Description	1966		1967	
	Quantity	Cost	Quantity	Cost
	lb.	$'000	lb.	$'000
1. Materials used - Continued:				
Prime pigments - Concluded:				
Yellow and oranges - Organic (including lakes and toners):				
Benzidines	3,167	18	2,903	14
Hansa yellow:				
G	19,183	29	17,412	30
10G	20,160	46	20,557	48
Quinacridones	83r	1	657	10
Vat yellows (flavanthrone, anthrapyrimidine, GR, etc.)	5,503	55	6,878	55
Other organic yellow and orange pigments	86,305	187	86,545	168
Blues and violets - Inorganic:				
Cobalt blue	129	--	1,466	1
Iron blues (Milori - Chinese - Prussian)	131,871	81	102,710	65
Mineral violet	878	--	1,029	--
Ultramarine blue	89,317	32	68,616	25
Other inorganic blue and violet pigments	10,686	58	4,552	35
Blues and violets - Organic (includes lakes and toners):				
Carbizone violets	1,728	6	2,012	5
Indanthrone blues (vats)	6,685	64	3,872	49
Phthalocyanine blues	120,506	412	111,232	369
Quinacridone violets	10,794	149	9,455	133
Other organic blue and violet pigments	9,106	106	12,593	129
Greens - Inorganic and organic (including lakes and toners):				
Chrome green	547,275	267	543,406	255
Chromium oxide and hydrated chromium oxide greens	133,584	74	103,580	64
Phthalocyanine green	114,502	419	102,776	375
Pigment green B	438	1	100	--
Other organic and inorganic green pigments	11,790	17	11,954	8
Reds and marrons - Inorganic:				
Cadmium red toner (chemically pure)	41,753	144	33,952	104
Cadmium lithopone red	17,810	53	11,733	35
Mercury - Cadmium red	1,025	3	1,125	3
Other inorganic red and maroon pigments	138,141	75	162,347	89
Reds and maroons - Organic (including lakes and toners):				
B.O.N. maroon	54,975	174	82,636	182
Chlorinated para reds	8,952	13	6,351	9
Lithol red	5,611	14	5,986	9
Lithol rubine	5,253	10	5,334	9
Madderred	4,932	12	2,706	7
Naphthol red	9,273	32	4,024	13
Para reds	17,794	20	10,044	12
Perylene and other vats	1,705	18	4,541	69
Quinacridone red	7,808	104	14,713	165
Red 2 B	1,188	2	1,651	3
Toluidine red	300,284	361	290,289	354
Other organic red and maroon pigments	120,357	817	96,842	504
All other flushed colours	110,065	107	137,301	150
Aqueous dispersions:				
Hansa yellow	35,298	28	39,809	26
Iron oxides	344,531	51	357,112	53
Phthalocyanine blue	21,570	28	39,850	34
Phthalocyanine green	21,187	35	19,324	37
Toluidine red	18,333	20	17,114	14
Other aqueous dispersions	36,635	27	52,806	45
All other pigment dispersions	285,808	270	311,594	302
Metallics:				
Aluminum pastes	1,168,388	645	1,379,125	727
Aluminum powders	64,458	44	58,319	40
Bronze powders	18,030	24	18,579	22
Copper powders	43,018	40	29,991	26
Other metallic flakes	24,305	17	25,625	7
Iron oxides (including hydrated yellows and blacks):				
Synthetic iron oxides	3,145,252	430	2,745,839	423
Natural iron oxides	1,405,969	148	1,606,674	185
Ochres, siennas and umbers	572,119	102	617,147	106
Extenders:				
Calcium carbonate:				
Precipitated	4,775,496	154	5,939,633	160
Natural (whiting, chalk, limestone; dry and water)	42,275,770	885	40,690,246	916
Magnesium silicates (talcs)	16,994,529	690	16,739,931	760
Barytes - Natural	6,237,870	346	7,808,053	367
Diatomaceous earths	1,765,207	136	2,117,936	191
Kaolin (calcined clays and other clays)	6,639,245	329	7,854,155	403
Mica, dry and water ground	1,461,634	114	1,334,352	103
Silicas, ground	4,855,052	312	4,512,833	277
Other extender pigments	5,557,151	363	5,622,298	345
Miscellaneous:				
Cuprous oxide	160,428	109	212,989	113
Fluorescent pigments	3,065	5	44,376	63
Zinc dust	649,840	147	374,914	97
Other miscellaneous pigments	838,603	96	1,307,866	310

TABLE 1. MATERIALS AND SUPPLIES - MANUFACTURING ACTIVITY, 1966 AND 1967 - Continued

Description		1966 Quantity	1966 Cost	1967 Quantity	1967 Cost
		lb.	$'000	lb.	$'000
1. Materials used - Continued:					
Resins, polymers and rosin derivatives - Concluded:					
Solvent-phase - Resins:					
Acrylic solution-type resins, lacquer:					
Purchased	dw(1)	199,845	127	1,159,562	350
Transfers from other plants of this company	"	20,670	6	1,574	--
Acrylic solution-type resins, thermosetting:					
Purchased	"	355,107	167	529,578	204
Transfers from other plants of this company	"	1,357,066	323	1,491,028	349
Alkyds, drying, pure (incl. oil-modified):					
Purchased	"	22,355,463	4,603	26,560,152	5,016
Transfers from other plants of this company	"	5,933,929	1,562	6,004,043	1,541
Alkyds, non-drying, pure (incl. oil-modified):					
Purchased	"	2,246,929	505	3,538,365	685
Transfers from other plants of this company	"	929,592	204	679,644	84
Alkyds, rosin modified:					
Purchased	"	1,110,180	318	964,884	302
Transfers from other plants of this company	"	101,020	37	93,495	36
Alkyds, vinyl monomer modified (includes acrylic, styrene and vinyl monomer modifications):					
Purchased	"	1,760,666	427	895,845	256
Transfers from other plants of this company	"	188,581	51	247,000	61
Alkyds, other:					
Purchased	"	2,051,015	500	3,310,413	818
Transfers from other plants of this company	"	742,680	236	256,761	60
Chlorinated rubber	"	554,350	360	523,296	336
Coumarone-indene resins	"	410,584	90	364,913	82
Epoxy resins	"	2,577,461	1,792	2,934,234	1,948
Epoxy ester resins:					
Purchased	"	440,147	162	444,545	158
Transfers from other plants of this company	"	1,619,886	546	695,521	174
Hydrocarbon resins	"	813,341	155	898,661	169
Maleic resins:					
Purchased	"	761,734	213	496,203	137
Transfers from other plants of this company	"	105,228	16	166,728	24
Phenolic resins, pure	"	936,506	419	935,530	413
Polyurethane resins, oil - Modified:					
Purchased	"	1,077,279	449	1,822,130	594
Transfers from other plants of this company	"	35,888	11	46,530	15
Polyurethane resins:					
Moisture curable	"	1,024,119	267	1,240,560	338
Two-pack systems	"	35,534	29	15,968	10
Silicone resins	"	68,559	105	168,805	196
Urea and melamine formaldehyde resins:					
Purchased	"	2,246,694	941	2,893,579	1,140
Transfers from other plants of this company	"	942,960	201	1,015,794	207
Vinyl (formal and butyral) acetal resins	"	191,396	139	141,268	103
Vinyl-acetate solution-type copolymer resins	"	1,241,780	353	963,892	314
Vinyl-chloride copolymer resins	"	925,384	426	925,470	413
Other solvent-phase resins	"	1,129,061	518	1,421,804	629
Solvent-phase - Cellulosics:					
Cellulose acetate and acetate butyrate	"	241,096	102	372,742	193
Ethyl cellulose	"	120,770	77	49,793	41
Nitrocellulose (cellulose nitrate)	"	3,004,520	1,592	2,861,361	1,469
Other solvent-phase cellulosics (donnot include C.M.C., etc.)	"	22,332	17	17,591	10
Solvent-phase - Rosin derivatives:					
Maleic, fumaric (diene adduct) rosins:					
Purchased	"	207,263	57	273,093	74
Transfers from other plants of this company	"	39,972	11	44,885	11
Rosins, esterfied (ester gums):					
Purchased	"	644,335	152	626,511	149
Transfers from other plants of this company	"	900	--	1,176	--
Rosins, unesterified	"	668,015	102	725,533	143
Rosins, modified phenolics:					
Purchased	"	615,092	200	612,714	183
Transfers from other plants of this company	"	19,489	7	17,456	6
Other solvent-phase rosin derivatives	"	185,033	61	155,273	46
Water reducible:					
Acrylic pnlymer and copolymer emulsions:					
Purchased	"	5,741,751	1,665	7,851,259	1,722
Transfers from other plants of this company	"	174,058	65	168,482	58
Casein	"	1,315,381	160	304,941	130
Polyvinyl acetate, homopolymer emulsions:					
Purchased	"	2,363,571	417	1,419,568	248
Transfers from other plants of this company	"	21,000	4	-	-
Polyvinyl acetate, copolymer emulsions:					
Purchased	"	4,001,302	994	5,331,484	1,125
Transfers from other plants of this company	"	269,556	67	292,188	73
Polyvinyl chloride emulsions:					
Purchased	"	78,910	15	148,238	31
Transfers from other plants of this compsny	"	-	-	-	-
Styrene-butadiene emulsions	"	3,018,472	656	2,820,018	644
Other water reducible types	"	424,838	93	615,010	132
Water-soluble:					
Water-soluble oil and alkyd types:					
Purchased	"	59,521	30	60,570	33
Transfers from other plants of this company	"	2,329,000	261	1,133,755	132
Other water-soluble types	"	134,984	29	435,677	92

See footnote(s) at end of table.

TABLE 2. MATERIALS AND SUPPLIES - MANUFACTURING ACTIVITY, 1966 AND 1967 - Continued

Description	1966		1967	
	Quantity	Cost	Quantity	Cost
	lb.	$'000	lb.	$'000
1. Materials used - Continued:				
Oils and fatty acids:				
Oils:				
Castor oil:				
Raw	580,075	105	509,075	97
Dehydrated	472,556	130	422,136	142
Chinawood (tung) oil	1,839,884	445	1,449.269	263
Cocoanut oil	1,181,537	245	1,019,748	199
Linseed oil:				
Raw	5,646,803	881	5,997,732	976
Boiled	926,995	161	895,328	160
Acid refined	456,616	78	534,152	104
Alkali refined	5,910,677	911	7,645,978	1,139
Heat bodied	2,786,586	521	3,804,117	591
Blown (air bodied)	948,392	133	1,084,344	157
Safflower oil alkali refined	238,300	46	195,444	35
Soya bean oil:				
Alkali refined	12,225,277	1,723	12,075,119	1,640
Blown	1,165,805	208	1,074,899	201
Other oils	1,477,562	286	1,471,366	290
Fatty acids:				
Cocoanut and hydrogenated cocoanut oil fatty acid	262,541	77	275,334	80
Linseed oil fatty acid	489,800	97	468,724	88
Soya bean oil fatty acid	935,860	187	1,067,266	206
Tall oil:				
(Rosin content less than 5%)	2,339,475	256	2,346,661	272
(Rosin content 5% and over)	1,270,577	159	1,854,107	222
Other fatty acids	825,240	196	735,505	189
Solvents and diluents:				
Aliphatic hydrocarbons:				
Mineral spirits:				
Regular	39,957,245	1,389	39,767,000	1,256
Low odour	8,533,442	318	9,631,671	379
Odourless	8,883,876	478	9,135,280	502
Heavy (kerosene, coal-oil, etc.)	1,136,465	48	1,415,597	51
Naphtha:				
Lacquer diluent	3,174,769	120	2,782,480	102
Rubber solvent	1,541,335	68	1,304,306	50
V.M. and P.	10,511,812	335	10,186,115	355
Other aliphatic hydrocarbons	3,201,781	145	3,758,888	155
Aromatic and naphtanic hydrocarbons:				
Benzene	812,385	34	572,958	26
Toluene	25,643,765	995	29,079,831	1,086
Xylene	30,741,417	1,334	30,740,111	1,292
Naphtha, high flash:				
(100° min.) K.B. 50-75; K.B. 75-100	2,794,872	156	3,240,294	211
(140° min.) K.B. 50-75; K.B. 75-100	2,991,057	121	2,770,348	117
Heavy aromatic and semi-aromatic oils	1,353,397	72	1,576,766	71
Other aromatic and naphthenic hydrocarbons	4,610,426	232	4,158,048	205
Terpenic hydrocarbons:				
Pine oil	110,830	23	98,249	20
Turpentine	1,748,498	153	1,319,964	104
Other terpenic hydrocarbons	70,171	8	70,011	8
Alcohols (monohydric):				
Methyl alcohol	841,264	92	718,691	81
Ethyl alcohol (including all denatured grades)	2,728,801	273	2,886,863	287
Propyl alcohols (n and iso)	2,619,030	227	2,539,971	229
N - butyl alcohol	3,501,447	537	3,286,531	522
Iso - butyl alcohol	241,783	42	259,322	46
Sec. and tert. butyl alcohols	92,600	13	98,581	14
Other monohydric alcohols	2,224,365	247	2,019,131	215
Glycols and derivatives:				
Ethylene glycol	1,703,606	288	1,591,063	265
Di-ethylene glycol	369,909	64	342,487	56
Propylene glycol	1,760,619	265	2,043,394	293
Di-propylene glycol	239,035	35	245,366	38
Hexylene glycol	342,514	70	327,824	67
Ethylene glycol mono-ethers (methyl, ethyl, butyl)	719,925	195	825,000	219
Di-ethylene glycol mono-ethers (methyl, ethyl, butyl)	257,996	76	1,700,580	355
Other glycols and derivatives	95,932	35	639,198	68
Ketones and esters:				
Acetone (di-methyl ketone)	1,873,602	166	2,024,806	184
Methyl ethyl ketone (M.E.K.)	1,852,896	276	2,135,630	308
Methyl isobutyl ketone (M.I.B.K.)	3,358,194	569	2,773,326	493
Isophorone	673,890	170	656,687	162
Ethyl acetate	2,014,100	241	1,906,612	215
Isopropyl acetate	1,481,061	159	1,501,719	160
Normal propyl acetate	895,438	125	849,489	125
Normal butyl acetate	2,362,300	377	2,570,542	407
Methyl amyl acetate	414,303	77	410,419	73
Glycol ether acetates	702,761	144	1,387,200	206
Other ketones and esters	4,513,840	550	4,548,710	608
Chlorinated solvents:				
Methylene chloride	1,568,206	244	1,521,430	228
Tri-chloro ethylene	6,717	1	10,859	2
Other chlorinated solvents	56,443	8	94,965	13
All other solvents and diluents	10,113,820	492	9,849,411	484

TABLE 3. MATERIALS AND SUPPLIES - MANUFACTURING ACTIVITY, 1966 AND 1967 - Continued

Description		1966 Quantity	1966 Cost	1967 Quantity	1967 Cost
		lb.	$'000	lb.	$'000
1. Materials used - Continued					
Additives:					
Anti-skinning agents:					
Butyraldoxime		76,142	82	48,689	47
Methyl ethyl ketoxime		277,303	215	284,850	188
Other anti-skinning agents		69,911	49	56,259	46
Bodying agents - Solvent systems:					
Aluminum stearates		134,030	54	112,059	46
Zinc stearates		86,115	39	103,833	90
Others (calcium stearates, brand-name, bodying agents, etc.)		507,185	350	581,668	373
Bodying agents - Water systems:					
Carboxymethyl cellulose (C.M.C.)		54,306	47	55,357	48
Hydroxyethyl cellulose		238,220	217	264,552	245
Methyl cellulose		81,219	81	71,124	97
Others (brand name bodying agents, etc.)		97,075	60	108,686	57
Catalysts:					
Amines		227,813	151	277,129	174
Boron trifluoride and derivatives		5,564	3	875	1
Butyl acid phosphate and derivatives		3,884	3	11,365	8
Para toluene sulphonic acid and derivatives		10,229	3	9,752	3
Polyamides		222,296	159	287,280	200
Sodium and potassium hydroxide		166,495	11	193,253	14
Tetrachlorophthalic anhydride		92,800	37	51,400	23
Other catalysts (do not include litharge)		137,698	147	155,391	153
Dispersing and mixing aids:					
Soya lecithin		494,374	82	467,724	86
Other dispersing and mixing aids		501,532	179	539,787	195
Driers:					
Calcium soaps (naphthenates, octoates, linoleates, tallates)		785,907	201	704,640	187
Cerium soaps (naphthenates, octoates, linoleates, tallates)		5,110	4	10,703	6
Cobalt soaps (naphthenates, octoates, linoleates, tallates)		622,823	271	662,943	301
Lead soaps (naphthenates, octoates, linoleates, tallates)		1,081,988	245	1,059,889	239
Manganese soaps (naphthenates, octoates, linoleates, tallates)		272,600	69	232,938	68
Zirconium soaps (naphthenates, octoates, linoleates, tallates)		144,280	75	165,934	92
Other driers		274,503	112	264,847	120
Fungicides, germicides and mildewcides:					
Phenols, halogenated phenols and their alkal metal salts		248,001	120	245,153	121
Phenyl mercuric acetate		34,058	83	30,576	80
Phenyl mercuric oleate		24,706	44	26,109	43
Other fungicide, germicide and mildewcide agents		123,818	178	100,801	166
Surface active agents:					
Silicone oils		39,560	34	19,047	28
Other surfactants		717,200	273	645,911	248
All other additives		499,404	272	528,979	302
Other chemicals:					
Intermediates:					
Acrylamide		82,013	53	101,394	66
Acrylic acid		36,778	14	58,935	23
Methacrylic acid		114,846	48	94,257	38
Methyl acrylate		8,130	3	1,086	1
Ethyl acrylate		912,544	249	2,710,338	721
Butyl acrylate		287,537	79	287,141	71
2 Ethyl hexyl acrylate		607,608	203	699,901	228
Methyl methacrylate		504,567	135	876,374	230
Butyl methacrylate		206,984	80	316,082	121
Benzoic acid		159,580	41	193,270	59
Para-tert cutyl benzoic acid		228,557	82	151,015	72
2 Ethyl hexoic acid		71,927	26	115,986	42
Dibutyl phthalate		214,181	53	206,796	53
Dioctyl and di-iso-octyl phthalates		489,603	112	507,713	121
Other phthalate plasticizers		287,793	93	536,045	169
Formaldehyde (report on 100% strength basis)		190,314	16	178,766	13
Para-formaldehyde		275,685	30	225,089	24
"Formcel" (methyl, butyl, propyl)		2,312,787	304	2,547,999	331
Glycerol (glycerine)		2,665,542	737	2,912,682	859
Melamine		651,439	184	643,126	181
Maleic anhydride and fumaric acid		1,374,192	202	1,346,688	216
Phthalic anhydride		14,117,986	1,661	13,836,876	1,946
Iso-phthalic acid		488,313	98	480,705	97
Organic phosphates (tri-butyl, tri-cresyl, tri-phenyl, etc.)		72,735	34	74,480	32
Pentaerythritol, mono (pure)		2,251,966	586	2,151,783	600
Pentaerythritol, technical		2,018,072	548	2,207,231	607
Pentaerythritol, di-		5,597	2	8,980	7
Styrene		3,714,797	426	4,186,661	469
Trimethylol ethane and propane		963,600	309	547,773	168
Urea		342,385	18	402,152	22
Vinyl acetate monomer		1,627,907	235	1,603,967	236
Vinyl toluene		429,027	81	196,621	41
Other intermediates		1,432,358	460	1,619,717	570
Miscellaneous:					
Asphalt and coal tar pitch	dw(1)	10,132,921	281	7,525,404	268
Chorinated paraffins	"	369,288	83	332,350	72
Natural resins (manila, damaar, copal, etc.)	"	243,984	28	273,457	33
Shellac, bleached	"	525,449	238	492,753	209
Shellac, orange and other	"	107,114	42	80,523	31
Waxes	"	321,748	88	255,797	61
Other miscellaneous resins and polymers	"	1,312,004	344	1,205,221	278
All other materials and components used		...	5,663	...	5,799

See footnote(s) at end of table.

TABLE 7. MATERIALS AND SUPPLIES - MANUFACTURING ACTIVITY, 1966 AND 1967 - Concluded

Description		1966		1967	
		Quantity	Cost	Quantity	Cost
		lb.	$'000	lb.	$'000
2. Small establishments not reporting commodity detail		...	3,251	...	2,876
3. Containers and other packaging materials and supplies used:					
Containers:					
Metal-round:					
1/4 pint	No.	867,281	48	1,143,233	67
1/2 pint	"	4,867,331	298	4,398,464	252
1 quart	"	18,291,894	1,785	17,582,943	1,737
1 gallon	"	17,780,572	4,805	18,125,008	4,948
5 gallon lug-seal (open head)	"	1,446,606	1,331	1,478,314	1,470
5 gallon full-seal (closed head)	"	343,277	338	299,854	301
45 gallon open head	"	87,665	425	69,976	338
45 gallon tight head	"	66,750	359	106,901	500
Metal-oblong:					
8 ounces	"	54,159	7	33,312	3
10 ounces	"	296,303	24	292,249	23
20 ounces	"	190,522	19	168,446	17
40 ounces	"	731,239	103	616,262	78
160 ounces	"	840,073	260	821,084	254
All glass containers		..	23	..	22
All plastic containers		..	56	..	85
All other containers and other shipping and packaging materials and supplies used		...	3,180	...	3,565
4. Operating, maintenance and repair supplies used (excluding fuel)		...	2,070	...	2,237
5. Amount paid out to others for work done on materials owned by establishments		...	515	...	386
Totals		...	106,245	...	110,382

(1) "dw" stands for "dry weight". All resins, polymers and resin derivatives are to be reported on dry weight basis, i.e. on a 100% solids or solvent-excluded basis.

TABLE 8. SHIPMENTS OF GOODS OF OWN MANUFACTURE, 1966 AND 1967

Description		1966		1967	
		Quantity	Cost	Quantity	Cost
			$'000		$'000
1. Products:					
Paste paints (not including water-paste paints)	lb.	873,522	508	3,059,666	1,629
Semi-paste paints (not including water-thinned type)	Imp. gal.	30,171	232	1,245,642	5,343
Ready-mixed paints and enamels:					
Exterior type	"	13,984,944	57,294	14,038,788	59,368
Interior type	"	15,742,106	64,920	15,861,816	64,206
Water-thinned paints and enamels:					
Latex base emulsion paints	"	6,407,089	25,515	6,808,453	27,134
Resin and other bases emulsion paints (paste and semi-paste)	"	278,916	1,115	137,957	429
Casein and other protein bound, glue bound:					
Dry		(1)	(1)	(1)	(1)
Calcimines		(1)	(1)	(1)	(1)
Lime and cement bound	lb.	880,106	135	1,234,249	234
Other water-thinned paints		...	940	...	998
Lacquers:					
Cellulose types	Imp. gal.	3,413,108	11,609	3,058,538	10,493
Non-cellulose types	"	325,985	1,121	886,418	3,976
Stains (including varnish stains)	"	642,381	2,026	583,037	2,028
Thinners and reducers	"	3,975,930	6,356	4,644,026	7,786
Varnishes (for interior and exterior use including shellac varnish, natural and synthetic resin base varnishes, japans, etc. but excluding next item)	"	2,271,421	8,729	2,040,126	8,274
Insulating varnishes, electrical types	"	56,164	214	(2)	(2)
Colours in oil (except white lead)	"	69,163	627	82,981	649
Floor wax	"	88,994	158	103,598	246
Paint and varnish removers	"	215,994	740	208,965	778
Patching materials:					
For walls (including joint filler and cement)	lb.	4,008,796	390	4,069,302	393
For floors	"	3,551,818	598	3,811,720	742
Wood and metal sash putties	"	10,817,762	3,073	13,083,447	3,940
Wall size and other sizing materials	"	16,684	38	(2)	(2)
All other products		...	17,500	...	17,714

See footnote(s) at end of table.

TABLE 8. SHIPMENTS OF GOODS OF OWN MANUFACTURE, 1966 AND 1967 - Concluded

Description	1966		1967	
	Quantity	Cost	Quantity	Cost
		$'000		$'000
2. Amount received in payment for work done on materials and products owned by others	..	33	..	34
Less adjustment for value of sales taxes, excise duties and outward transportation charges which could not be deducted from individual commodity items described above	..	(2,920)	..	(3,022)
Total adjusted value of shipments and work done	...	200,950	...	213,370

(1) Included in "Other water-thinned paints".
(2) Including "All other products."

TABLE 9. SHIPMENTS OF SELECTED GOODS OF OWN MANUFACTURE - ALL INDUSTRIES

(Includes shipments from other industries which manufacture, as a secondary activity, the commodities listed)

A. Paints and Varnishes, 1960-67

Year	Value
	$'000
1960	140,160
1961	145,062
1962	151,813
1963	162,945
1964	171,443[r]
1965	179,008
1966	187,148
1967	199,452

Note: The totals for factory shipments include thinners, paint and varnish removers, ready-mixed paints, paste and semi-paste paints, water thinned paints, varnishes and shellacs, lacquers and stains.

B. Putty, 1958-67

Year	Quantity	Value
	'000 lb.	$'000
1958	16,207	1,621
1959	12,137	1,468
1960	13,778	1,676
1961	12,999	1,823
1962	13,806	2,088
1963	13,460	2,328
1964	14,639	2,948
1965	15,331	3,335
1966	16,090	3,647
1967	16,514	4,351

LIST OF ESTABLISHMENTS CLASSIFIED TO THIS INDUSTRY, 1967

(Does not include establishments classified to other industries, which as a secondary activity, manufacture products typical of this industry)

Name and location

Newfoundland
Standard Mfg. Co. Ltd., The, St. John's
Starlight Paint Mfg. Co. Ltd., Topsail

Nova Scotia
Canadian Industries Limitad, Halifax
Tibbetts Paints Ltd., Trenton

Quebec
Acme Industries Co., 6706 Boyer, Montreal
Alpine Paints Ltd., Rivière des Prairies
Canadian Industries Limited, 6930 Clanranald Ave., Montreal
Canadian Pittsburgh Industries Ltd., (Paint Div.), 2740 St. Patrick St., Montreal
Charters Chemical Ltd., 4328 St. Lawrence Blvd., Montreal
Chateau Paint Works Inc., 6833 Ave. du Parc, Montreal
Crown Diamond Paint Co. Ltd., The, Outremont
Continental Paint and Varnish Works Ltd., 5069 Vaillant St., Montreal
Denalt Chemical Ind., Ltd., St-Leonard de Port Maurice
Dixie Paint and Chemical Co. Ltd., Ste. Therese
D.S.D. Chemicals Co. Ltd., Victoriaville
Ferox Coatings Inc., St-Michel
Glidden-Durkee Div., SCM Corp., LaSalle
H.F. Chemicals and Paint Mfg., St. Laurent
Industrie Pepin Ltée, Cowansville
International Lacquer Products Ltd., 6935 Park Ave., Montreal
International Paints (Canada) Ltd., 6700 Park Ave., Montreal
Jamieson, W.R., Paint Co., Rivière des Prairies
Joliet Paint Reg'd, 7035 Notre Dame St. E., Montreal
La Cie de Peinture Amico Inc., 2110 Ave Bennett, Montreal
La Cie des Peintures et Vernis Modele, Jacques-Cartier
Lacquer Products, Co. Limited, Granby
Marc, Benjamin, and Co. Ltd., St-Michel
Minot Royal Paints Ltd., 5669 Casgrain St., Montreal
Mirlantic Paint Co. Ltd., Ste-Rose-de-Laval
O'Neill Paints Inc., 2691 Charlemagne, Montreal
P.V.R. Company Ltd., 10755 Alfred St., Montreal
Peinture Bertrand Paints Inc., Ste. Theress
Peinture Nationale Ltée, Duberger
Protective Coatings Ltd., Outremont
R.S. Chemicals Co., 56 Willowdale, Montreal
Reardon Company Limited, The, Ville d'Anjou
Reliance Universal of Canada Ltd., Daveluyville
Roxalin of Canada Ltd., 3975 St. Ambroise St., Montreal
Sherwin-Williams Co. of Canada Ltd., The, 2875 Centre St., Montreal
Sico Inc., Giffard
Simon Chemical Co. Ltd., 366 LeMoyne St., Montreal
Style Paint Co. Ltd., St-Pierre-da-Sorel
Swing Paints Ltd., 2100 St. Patrick St., Montreal
Uni Chem Products Mfg. Co. Ltd., Laval
Walsh, Robert Co. Ltd., 514 Baldwin, Montreal
Zenith Paint Inc., 1884 Darling St., Montreal

Ontario
Absco Aerosols Ltd., Brampton
Acme Paint and Varnish Co., Ltd., Long Branch
All Colour Paint & Chemicals, Oakville
Alma Paint and Varnish Co. Ltd., London
Alumicor Sealants Ltd., Scarborough
Amercoat of Canada Ltd., Fort Erie
Armour Products, Windsor
Barn Satin Paint Co., Ltd., Corbyville
Burnett and Son Luminous Products, Scarborough
Csl Ink Chemical Co. of Canada Ltd., Bramalea
Canada Varnish Limited, Leaside
Canadian Industries Limited, Toronto Paint Works, Foot of Laughton Ave., Toronto
Canadian Industries Limited, York Paint Works, 1300 Castlefield Ave., Toronto
Canadian Pittsburgh Industries Ltd. (Paint Div.), Long Branch
Canadian Pittsburg Industries Ltd., Clarkson
Chemcote Chemicals Ltd., Weston
Decor Paint and Chemical Co. Ltd., Concord
Docco Mfg. Co. Reg'd, Thornhill
Domtar Construction Materials Ltd., Paris
Du Chem Paint Co. Ltd., Ottawa
Dumar Paint Chemicals Ltd., Rexdale
Dupli-Color Canada Ltd., Scarborough
Dupont of Canada Ltd., Ajax
Everguard Coatings International Ltd., Niagara Falls
Glidden Co. Ltd., The, 351 Wallace Ave., Toronto
Gowdey, John E., Manufacturing Ltd., 21 Primrose Ave., Toronto
Hanson Chemical Co. Ltd., Burlington
Hamilton Paint and Varnish Works Ltd., Hamilton
Industrial Lacquer Specialities Ltd., Weston
Interchem Canada Limited (Finishes Div.), 303 Campbell Ave., Toronto
Iroquois Chemicals Ltd., Cornwall
MacDonald and White Varnish and Paint Co. Ltd., Windsor
Macnaughton Brooks Ltd. and Macnaughton Brooks Products Limited, Weston

Name and location

Ontario - Concluded
Masse Manufacturing Co. Ltd., 264 Macdonell Ave., Toronto
Master Mechanics Chemicals Co. (Can.) Ltd., The, Weston
Master Paint and Varnish Co. (Hamilton) Ltd., Hamilton
Maurice Paint Co. Ltd., Weston
Mercury Varnish Co. Ltd., St. Catharines
Metro Protective Coatings Ltd., Willowdale
Mia Corporation Ltd., Milton
Mitchel Colour and Chemical Company Ltd., Scarborough
Mobil Paint Co. Div., Mobil Oil Canada Ltd., West Hill
Monteith, A.R., Ltd., Cooksville
Moore Benjamin and Co. Ltd., 6 Lloyd Ave., Toronto
National Paint Products, 57 Rutherford Ave., Toronto
Niagara Paint and Chemical Co. Ltd., Hamilton
Northern Paint and Varnish Co. Ltd., The, Owen Sound
Northern Tar Chemical and Wood Ltd., Port Arthur
Ocean Chemicals (Canada) Ltd., Scarborough
Paralac Paint Mfg. Co., 3775 Dundas St. W., Toronto
Para Paints Ltd., Rexdale
Parrot Paint Co., Oshawa
Penfound Varnish Company Limited, Rexdale
Philips Paint Industries Ltd., Scarborough
Pierce and Stevens Canada Ltd., Fort Erie
Pratt and Lambert Inc., Fort Erie
Protex Paint and Varnish Co., New Toronto
P.T.I. Sealants Ltd., Rexdale
Research Products and Chemicals, R.R. No 3, Waldemar
Roxalin of Canada Limited, 188 New Toronto St., Toronto
Scarfe and Company Limited, Brantford
Schermerhorn Paint Products Inc., London
Selectone Paints Ltd., Weston
Shamrock Paint and Varnish Works, King
Sherwin-Williams Co. of Canada Ltd., The, 263 Sorauren Ave., Toronto
Smyth, John, Manufacturing Company, Brantford
Spence, W.R., Industries Ltd., 404 Kipling Ave. S., Toronto
Starlac Company, Scarborough
Sterling Varnish Co. of Canada Ltd., The, St. Catharines
Sturgeons Limited, Scarborough
Technical Coating Co. Ltd., 159 Mulock Ave., Toronto
Technical Surfaces Ltd., Weston
Tone-Craft Paints Ltd., 10 Carson St., Toronto
Torginol (Canada) 1963 Ltd., Windsor
Tremco Manufacturing Co. (Canada) Ltd., 220 Wickstead Ave., Toronto
Trend Coatings Ltd., 98 Montcalm Ave., Toronto
United Finish Co. (Canada) Ltd., Cobourg
Universal Asphalt Mastic Products Ltd., 14 Eugene St., Toronto
Vimar Paint Co., 1 Harold St., Toronto
X.I.M. Products Canada Ltd., Rexdale

Manitoba
Guertin Bros. (Paint) Ltd., Winnipeg
International Laboratories (1957) Ltd., St. Boniface
Northern Paint Company Ltd., Winnipeg
Phillips Paint Products Ltd., Winnipeg
Sherwin-Williams Co. of Canada, Ltd., The, Winnipeg

Saskatchewan
International Paints Canada Ltd., Regina
Royston Laboratories (Canada) Ltd., Moose Jaw

Alberta
Beadex Dry Wall Specialties, Calgary
Moberg Laboratories of Canada Ltd., Edmonton
Plastiglo Industries Ltd., Edmonton
Tower Paint and Laboratories Ltd., Edmonton

British Columbia
British America Paint Co. Ltd., Victoria
Cabot, Samuel, Limited, Vancouver
Canadian Elastileum Ltd., Richmond
Canadian Industries Limitad, Granville Island, Vancouver
Canadian Pittsburgh Industries Ltd., North Vancouvar
Gloverdale Paint and Chemicals Ltd., North Surrey
Dupont of Canada Limited, New Westminster
Empress Paint Mfg. Co. Ltd., Victoria
Flecto Coatings Ltd., Richmond
G.R. Chemicals Ltd., Vancouver
General Paint Corporation of Canada Ltd., Vancouver
Goodacre Manufacturing Ltd., Burnaby
Henderson, Geo. C., Co. Ltd., Burnaby
International Paints (Canada) Ltd., North Vancouver
Krone Paint and Plastics Ltd., Vancouver
Lawrence and David Ltd., Burnaby
Lesyk Products, North Surrey
Mills Paint Sales Ltd., Richmond
Miralite Mfg. Ltd., Richmond
Moore, Benjamin, and Co. Ltd., Burnaby
Sherwin-Williams Co. of Canada Ltd., Annacis Industrial Estate, New Westminster
Walker Bros. Limited, Burnaby

NOTES TO USERS

1. The detailed explanations of "Concepts and Definitions" omitted from this report may be consulted in any 1965 report in this series. If not available to the user, the relevant pages may be obtained free of charge from the Manufacturing and Primary Industries Division of the Bureau.

2. Tables on principal statistics classified by manufacturing value added, by total value added, and by type of organization, published in the 1966 report as Tables 3, 4 and 6, respectively, have been omitted from this report because of their limited interest. They are available, however, from the Manufacturing and Primary Industries Division. In the case of an extensive request involving a large number of industries, it may be necessary to levy a charge.

3. Users interested in obtaining the value of production (manufacturing activity) can do so by adding cost of materials and supplies used (manufacturing activity), cost of fuel and electricity, and value added (manufacturing activity). The resulting statistic is equivalent in concept to "gross output" shown in Table 7 of the 1966 report.

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