

DOMINION BUREAU OF STATISTICS - CANADA  
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TALC AND SOAPSTONE, 1933.

Ground talc has many present day uses, being employed in the manufacture of lubricants, toilet preparations, glass, paper, textiles, foundry facings and many other products. It is used as a polishing agent for rice, peanuts and glass and as an insulating material and insecticide. Composition roofing is manufactured from lower grades and in the rubber industry it is employed to prevent compounds from adhering to the heated working parts of machinery. Certain massive talcs free from cracks, grit or iron oxide are reported by the Bureau of Mines, Washington, D.C., to be employed in the manufacture of the so called "lava" products; the material which is easily

carved in its natural soft state is fashioned into innumerable electrical fittings such as bushings, etc. The articles are then heated rendering the product hard enough to cut glass. Pencils, crayons and French chalk (tailors' chalk) are also fabricated from massive talc.

Principal Statistics of the Talc and Soapstone Industry in Canada, 1931, 1932 and 1933.

	1931	1932	1933
Number of firms.....	5	5	6
Capital employed .....\$	618,590	703,532	680,875
Number of employees - On salary .....	7	8	10
On wages .....	63	75	83
Total .....	70	83	93
Salaries and wages - Salaries .....\$	23,275	20,422	24,096
Wages .....\$	48,512	56,155	56,449
Total .....\$	71,787	76,577	80,545
Cost of fuel and electricity .....\$	19,128	17,930	25,889
Selling value of products .....\$	157,083	159,038	186,749

Capital Employed, by Classes, 1931, 1932 and 1933.

	1931	1932	1933
	\$	\$	\$
Present value of lands, buildings, fixtures, machinery, tools and other equipment .....	561,411	642,873	594,084
Inventory value of materials on hand, stocks in process, fuel and miscellaneous supplies on hand .....	13,575	9,868	9,581
Inventory value of finished products on hand .....	4,050	9,653	7,428
Operating capital .....	39,554	41,138	69,782
TOTAL .....	618,590	703,532	680,875

Wage Earners, by Months, 1931, 1932 and 1933.

Month	1931	1932	1933
January .....	56	66	66
February .....	56	67	75
March .....	53	68	78
April .....	54	67	47
May .....	68	80	86
June .....	70	79	87
July .....	71	79	82
August .....	72	80	94
September .....	65	85	97
October .....	62	82	89
November .....	67	82	93
December .....	62	75	85



Electricity Consumed, 1931, 1932 and 1933.

	1931	1932	1933
Kilowatt hours .....	1,655,827	978,926	1,441,864

Electric Motors Employed, 1931, 1932 and 1933.

	1931	1932	1933
Number .....	17	18	24
Horse power .....	620	585	793

Production (Sales) in Canada, Imports and Exports of Talc and Soapstone, 1931, 1932 and 1933.

	1931		1932		1933	
	Quantity	Value	Quantity	Value	Quantity	Value
	Tons	\$	Tons	\$	Tons	\$
<u>PRODUCTION</u> --						
Soapstone (Quebec) .....	...	34,439	...	46,751	...	43,593
Talc (Ontario and British Columbia) .....	11,836	122,644	12,103	112,287	15,181	143,156
TOTAL CANADA .....	...	157,083	...	159,038	...	186,749

IMPORTS --

Talc or soapstone, ground or unground --

From -- United Kingdom .....	151	11,162	197	17,352	226	17,396
United States .....	2,221	29,788	1,409	22,570	1,700	23,604
Other countries .....	298	8,502	294	9,852	224	7,650
TOTAL IMPORTS .....	2,670	49,452	1,900	49,774	2,150	48,650

EXPORTS --

Talc --

To -- United Kingdom .....	950	14,789	1,482	24,186	1,520	26,506
United States .....	6,866	68,405	6,313	61,329	9,024	86,852
Other countries .....	36	571	11	275	180	3,592
TOTAL EXPORTS .....	7,852	83,765	7,806	85,790	10,724	116,950

Canadian prices for talc as quoted for April, 1934, by "Canadian Chemistry and Metallurgy" were:-- Talc, car loads, AAIF grade, f.o.b. Madoc, ton, \$17.50; Talc, car loads, No. 1 grade, f.o.b. Madoc, ton, \$11.00; Talc, car loads, S. grade, f.o.b. Madoc, ton, \$8.00; Talc, imported, Italian, ton, \$75.00.

United States talc prices as quoted May 21, 1934, by "Oil, Paint and Drug Reporter" were:-- Domestic, Eastern mines, bags, ton, \$16.00 to \$18.00; Western mines, bags, ton, \$18.00 to \$25.00; Imported, Canadian, car lots, bags, ton, \$23.00 to \$ ---; less carlots, bags, ton, \$28.50 to \$30.00; French, ex-dock, to arrive, bags, ton, \$23.00 to \$25.00; ex-warehouse, bags, ton, \$27.50 to \$30.00; high grade, bags, ton, \$45.00 to \$60.00; Italian, ex-dock, to arrive, bags, ton, \$70.00 to \$85.00; ex-warehouse, bags, ton, \$75.00 to \$90.00. Asbestine (fibrous talc) type 1, 96-98% through 325 mesh, car lots, f.o.b. sellers works, bags, ton, \$14.00 to \$ ---; type 2, 93-94% through 325 mesh, car lots, f.o.b. sellers works, bags, ton, \$13.00 to \$ ---.

Consumption of Talc in Specified Canadian Industries, 1931 and 1932.

Industry		1931		1932	
		Quantity	Cost at works \$	Quantity	Cost at works \$
Toilet Preparations Industry .....	lb.	393,939	14,917	747,489	18,600
Soaps, Cleaning Preparations and Washing Compounds Industry .....	lb.	325,483	2,726	315,693	2,741
Roofing Materials Industry .....	ton	(x)		1,129	12,922
Pulp and Paper Industry .....	ton	(x)		213	3,761

(x) Data not available.

WORLD PRODUCTION OF TALC, 1930-1932

(Taken from the Imperial Institute's publication "The Mineral Industry of the British Empire and Foreign Countries, 1930-1932.")

(Long tons)

Producing Country	1930	1931	1932
<u>BRITISH EMPIRE</u>			
United Kingdom .....	185	160	258
Union of South Africa .....	349	210	248
Canada (sales) (g) .....	10,572	10,568	10,806
India .....	6,857	5,135	6,512
Australia .....	681	846	1,347
<u>FOREIGN COUNTRIES</u>			
Austria (estimated) .....	25,000	25,000	25,000
Finland .....	2,803	3,000	(a)
France .....	84,500	(a)	(a)
Germany (Bavaria) .....	5,702	4,142	(a)
Greece .....	252	476	(a)
Italy .....	37,491	37,800	31,859
Norway .....	14,759	11,212	13,783
Roumania (d) .....	3,300	3,020	(a)
Spain (b) .....	3,621	4,488	(a)
Sweden .....	5,036	5,351	(a)
Egypt .....	...	...	228
Morocco (French) (exports) .....	552	682	824
United States (sales) (c) .....	160,165	146,207	110,019
Uruguay (exports) .....	1,440	1,761	2,584
China .....	26,000	22,000	(a)

NOTE - 5,480 long tons of talc were recorded as produced in Russia during year ended September 1928 - later figures are not available.

(a) Information not available.

(b) In addition the following were quarried: 1,770 and 2,038 cubic yards in 1930 and 1931 respectively.

(c) Excluding steatite, figures of which are not available for publication.

(d) Converted from cubic metres at rate of 1 cu. metre = 2 long tons.

(g) Excluding soapstone, which is only recorded by value and was as follows:

1930 .....	L 10,300
1931 .....	L 8,600
1932 .....	L 11,700

WORLD IMPORTS OF TALC, 1930-1932. (LESS RE-EXPORTS)

(Taken from the Imperial Institute's publication "The Mineral Industry of the British Empire and Foreign Countries, 1930-1932.")

(Long tons)

Importing Country and Description	1930	1931	1932
<u>BRITISH EMPIRE</u>			
United Kingdom .....	14,848	13,558	14,824
Canada .....	4,285	2,384	1,697
Australia .....	271	360	332
<u>FOREIGN COUNTRIES</u>			
Austria .....	164	100	88
Belgium-Luxemburg E.U. ....	3,701	3,322	3,010
Czechoslovakia .....	2,416	2,137	2,138
Denmark .....	1,457	1,253	1,088
Estonia .....	115	28	120
Finland .....	1,248	917	1,226
France .....	6,638	4,771	3,640
Germany .....	21,350	20,364	17,760
Latvia .....	70	42	87
Lithuania .....	38	33	28
Poland .....	2,220	1,653	1,628
Romania .....	364	324	221
Yugoslavia .....	695	638	524
Algeria .....	194	75	(a)
Egypt .....	1,614	1,387	1,661
Tunis .....	529	522	660
Mexico .....	336	191	(a)
Panama .....	33	23	(a)
United States (including manufactures)	22,511	21,025	17,837
Argentina .....	1,254	2,059	1,481
Chile .....	136	128	...
Colombia .....	127	(a)	(a)
Peru .....	61	80	67
Venezuela .....	15	23	20
Formosa .....	24	11	(a)
French Indo-China .....	13	8	28
Japan (total imports) .....	36,485	40,750	34,921
Syria and Lebanon .....	23	38	37
Turkey .....	18	13	24

(a) Information not available.

LIST OF FIRMS IN THE CANADIAN TALC AND SOAPSTONE INDUSTRY, 1933.

Name	Head Office Address	Location of Plant
<u>QUEBEC</u>		
Broughton Soapstone and Quarry Co. Ltd.	Broughton Station	Beauce Co.
<u>ONTARIO</u>		
Canada Talc Ltd.	Madoc	Hastings Co.
Gillespie, Geo. H.	Madoc	Madoc
Henderson Mines Ltd.	Madoc	Hastings Co.
<u>BRITISH COLUMBIA</u>		
B. C. Refractories Ltd.	660 Taylor St., Vancouver	Anderson Lake
Kennedy, J. J.	Secke Lake	Secke Lake



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