

FINAL REPORT on the CENSUS OF PRODUCTION

FOR 1948

Volume 2

Trade I

PAINT AND VARNISH

Presented by the Board of Trade to Parliament in pursuance of the Statistics of Trade Act, 1947 (10 & 11 Geo. 6, Ch. 39, Sec. 7).

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1952

THREE SHILLINGS NET

In interpreting the data in the following tables, it is essential to bear in mind not only the qualifications mentioned in this report but also the general explanations and qualifications contained in the separate booklet published in this series by H.M. Stationery Office entitled "Final Reports of the Census of Production for 1948: Introductory Notes", price 2s Od. NET

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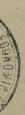
PAINT AND VARNISH TRADE

THIS REPORT on the Paint and Varnish Trade relates to establishments engaged wholly or mainly in the manufacture of paint, varnish, enamel, distemper, wood stain, artists' colours, etc. (but not pigments).

This trade corresponds to minimum list heading 34 in the Standard Industrial Classification.

Any establishments in Northern Ireland are excluded in 1948; no production was recorded there in this trade in 1937 or 1935.

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CHEMICALS AND ALLIED TRADES PAINT AND VARNISH TRADE

Summary

Larger establishments

TABLE I

			And an and and
	1948	1937	1935
Gross output (production)	£1000 80,078	£'000 22,142	£'000 19,504
Cost of materials and fuel used	49,263	11, 997	9,818
Payment for work done on materials given out	38	3	1
Net output	30,777	10,142	9,685
Wages and salaries of persons employed	12, 122 No.	No.	No.
Average number of persons employed (a)	32,923(b)	23,934 £	22, 188 £
Net output per person employed (a)	935 £'000	424 £'000	437 £'000
Stocks at end of year	2.000	2,000	a. 000
Finished products and work in progress	8,126	••	••
Materials and fuel	8,608 No.	••	••
Number of establishments	363	No.	No. 286

(a) Excluding outworkers.(b) For an estimate of the total number of persons employed in this trade see Table 3.

The values of gross output and of materials and fuel used are derived in the following way: -

	1948	1937	1935
Output of firms in this trade	£1000	٤'000	£'000
Total value of sales (1948) or production (1937 and 1935)		P	
Principal products (see Table 8)	73,865	20,823	18,297
Other output (see Table 10)	5,879	1,319	1,207
Adjustment for changes in stocks and work in progress (see Table 14)	+ 1,486	••	••
Less payment for transport by other firms	81,230 1,152	22, 142	19,504
Gross output (production)	80,078	22, 142	19,504
Materials and fuel used by firms in this trade			
Purchases (see Table 13)	49, 197	} 11,997	9,818
Adjustment for changes in stocks (see Table 14)	+ 66	J	
Materials and fuel used	49,263	11,997	9,818

Summary, 1948

Small firms in Great Britain

TABLE 2	
Number of returns	244
Average number of persons employed (a)	ptallass
Males	1,116
Females	230
Total	1,346
(a) Including working proprietors.	1.6 8.1
Estimated average employment, 19	48
All firms in Great Britain	
TABLE 3	1 1 a
As returned by firms	32,923
Employing on average more than ten persons (a)	and the frequence
Employing on average ten persons or less (b)	1,346
	34,269
Estimated average employment in firms not	20 1 1
making satisfactory returns	231
Estimated average employment in all firms	34, 500

(a) See Tables 1 and 15,(b) See Table 2.

Analysis by size, 1948

Larger establishments in Great Britain

TABLE 4				1961	- DEG			A SOLEN
Average	- I DSLAUIISIT I UIUSS		Net	Persons	4,886		Net output	
number employed	ments	output	output	employed	Wages	Salaries	Total	per person employed
11-24	No. 109	s.' 000 5, 190	ଛ.' ୦୦୦ 1, 980	No. 1,920	£' 000 356	£'000 385	ន្ល' 000 740	ଛ 1,031
25-49	98	8,965	3,208	3,530	621	639	1,260	909
50-99	1	13,967	5,211	5,366	939	1, 143	2,082	971
100-199	46	16,251	6,396	6,419	1,136	1,302	2,438	996
200-299	120010	5,830	2,461	2,863	527	de el 417	944	859
300-\$99	7	5,714	2,361	2,343	363	521	885	1,008
400-749	11	15,968	6,252	6,346	1,021	1,120	2, 141	985
750-1,499	4	8, 194	2,909	4,136	619	1,013	1,632	703
Total	363	80,078	30,777	32,923	5, 582	6,540	12, 122	935

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CHEMICALS AND ALLIED TRADES

Analysis by standard region, 1948

Larger establishments in Great Britain

TABLE 5	and the second second second					TABLE 2				
Region	Establish-	Gross	Net o	output	Persons	Remuneration				
Vegton	ments	output	Value	Percentage of total	employed	Wages	Salaries	Total		
England	No.	£1000	£ ! 000	or i	No.	s.' 000	£'000	\$! 000		
Northern	16	8,595	2,764	9.0	2,516	455	352	807		
East and West Ridings of	. St. Datation of	.8 <u>88</u> 1,1	amp i oyner	g, Average	Estimates					
Yorkshire	37	7,236	2,927	9.5	3,268	516	530	1,046		
North Midland	6	1, 107	396	1.3	371	67	55	122		
Eastern	10	2, 853	1,020	3.3	1,261	183	315	497		
London and South Eastern	145	28,560	11 , 538	37.5	12,299	2 , 133	2,658	4,791		
Southern	10	4,012	1,438	4.7	1,904	307	488	795		
South Western	19	3,046	1, 159	3.8	1,496	216	278	494		
Midland	28	6,144	2,535	8.2	2,399	441	533	974		
North Western	57	13,383	5,305	17.2	5,404	933	941	1,874		
Total England	328	74,934	29,083	94.5	30,918	,5,252	6,150	11,402		
Wales	8	548	198	0.6	215	40	48	88		
Scotland	27	4,595	1,496	4.9	1,790	291	341	633		
Great Britain	363	80,078	30,777	100.0	32,923	5, 582	6,540	12, 122		
the second se	AND IN COMPANY AND				and the second second size (when so it is a second s	and the second se		And the state of t		

TABLE 6 - Analysis according to specialisation within the trade, 1948 Larger establishments in Great Britain

No specialisation within this trade was distinguished.

TABLE 7 - Total make of intermediate products: Larger establishments

This table is not applicable to the trade.

TABLE 8	- 14.3	10. 20	Be.	000	12. 12	Land Land		A State of the State					
tion bredering on patter the				1948 Sales	.alls	19,37 Product		19 Produ					
and an analysis to the test		Quantity		Value	Entries	Quantity	Value	Quantity	Value				
Paints, pigments and extenders in paste form, whether with oil or other medium		Th. c	wts.	£1000	No.	Th. cwts.	£1000	Th. cwts.	£.º000				
White lead, genuine		286(a)		286(a)		286(a)		1,651	102	452	921(b)	491	735(b)
Red lead and orange lead, genuine		9		58	51		niteus 16 o u 101 ond	palata, 20 120002 mil	cuondanta enio 13 a se				
Zinc oxide, genuine		7	'5	452	77	895	1,469	894	1,417				
Other paste paints, except artists'		336		1,693	201		930 e	adupout br	e bods for beatistics				
Distempers and water paints						-	olucio 6	Te man -	Constant				
Dry distempers	{	22		654 86	} 75	91	115	89	115				
Other, including distempers in paste form		1,89	2	5,174	202	594	689	561	627				
		Th. cwts.	Th. galls.	SBS SBS		SHE (0)		alternation and	ALL SAUC				
Paints and painters' enamels, ready-mixed, including those containing synthetic resin			-861		8	1002.4	*		TADO				
Cellulose, pigmented	{	66	2,541	3,073 530	} 93	159	1,044	144	968				
White lead paint, genuine	{	145 ••	381	763 1,040 129	} 186	329	915	392	959				
Red lead paint, genuine	{	 110	199 ••	405 509	} 144		nev 200)		TARAC.				
Zinc oxide paint, genuine	{	•• 44 ••	308 ••	478 366 358	88		(a) (a)		1200045 C				
Metallic paint	{	•• 35	575	760 411	} 211								
Other ready-mixed paints, including preservative pain not elsewhere specified	ts,					> 3, 104	9,395	2, 592	7,526				
Based on synthetic resin (c)		 362 17	5,397 •• 117	7,096 2,688	} 211								
Other		17 725	117 16,289 ••	143 22,808 5,738	255]							

PAINT AND VARNISH

Sales (or production) of the principal products of the trade, including sales (or production) of these products by establishments classified to other trades

Larger establishments

	8 19 , 98 8 19 , 99		1948 Sales			193' Product		19 Produ			
	Quan	tity	Value	F	Intries	Quantity	Value	Quantity	Value	-	1
Paints and painters' enamels ready-mixed, including those containing synthetic resin (contd.)	Th. cwts.	Th. galls.	£.º000		No.	Th. cwts.	£°000	Th. cwts.	£'000		- -
Unclassified	5	39 ••	52 24 251	}	12		extenders	bag, graon	tit applied	1. 	
Ships' bottom compositions (anti-corrosive and anti- fouling)	177		1,033		57	185	616	163	510	1	
Bituminous paints, and bituminous solutions and emulsions for use as paint	18 439	187 1,643 ••	46 273 712		168	80	101(d)	40.0 protect	(e)		
Varnishes and lacquers, not pigmented	Th. g	alls.	5.00 2.00.	•		Th. galls.	J gijoxo	Th. galls.			
Cellulose ester and cellulose ether varnishes, lacquers and clear solutions	2, 1	56	1,708		86	2,040	957	1,922	915		.)
0il varnish containing both resin and drying oils, but excluding preparations containing pigments	*	a la	101 101.			182	al solaria	heluqiae o moli e			
Based on synthetic resin (c)	1,3	56	1,282		149] = 123760	al offered	2. Statota			- 1
Other	4,3	67	3,935		156		ie these	ADGLARIA D		1	
Other varnishes and lacquers, including japans and varnish stains	4, 696 936 10, 699	1			24.541 27	9,075	3,076	9,148	3, 303		
Based on synthetic resin (c)	3	64 ••	252 46	3	74	842 1			Sector 1	•	
Other	2,3	35	1,606		169						Ţ
Manufactured thinners (solvent mixtures for use with paints, varnishes and lacquers)	4,7'	78	2,263		211	2, 189	591	1 508	424		
Manufactured liquid driers	4	81	442		154] 2,100	0.91	1,526	464		-
Turpentine substitute	in s	87	23	}	10	Th. cwts.	26(f)	Th. cwts. 12	19(f)		
		••	51	1			11120 pela 11120	energia energia energia energia	amus est Ris Iole		-

TABLE & (contd.)

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TABLE 8 (contd.)		<u>68) of cr</u>	ins land	<u></u>	Dif the Art	adia: ho		
1937 (95)			1948 Sales		193 Produc		1935 Product	
		Quantity	Value	Entries	Quantity	Value	Quantity	Value
ander estance quester reline	500	Th. cwts.	<u>ଛ</u> ା ୦୦୦	No.	Th. cwts.	s.' 000	Th. cwts.	£1000
Wood preservatives (other than those containing oils of coal tar) and stains (other than varnish stains)	{	48	190 132	} 79 {	37	75(f) 8	28	49(f) 8
Putty	**	550	1,330	151	588	287	488	239
Litho-varnish and stand oil		83	469	9	41 Th. galls. 220	88 57	34 Th. galls. 180	62 42
Artists' paints and colours Oil		••	195	8	1) 12 (0)		sales (TT an trades	1.665 1.70
Water paints and colours, and other artists' materials	{	3	97 321] 12	••	254	lagitoing i lagitoing i algonizitige	242
Fitted boxes (f) Water colours and oil colours	801	ee the Cilen	287	6	tead the	114 19 80	tee istor	
Waterproofing compounds, roofing				of sulp's	Th. cwts.	al arthur	Th. cwts.	
compositions and similar protecti products, not elsewhere specified	ve	[122 ••	195 161	} 45	113	194	59	178
Paint and varnish makers' material not elsewhere specified	S,					Lejatege	bebrober .	olf (9)
Gum copal, processed		136	920	11	63	108	7	US 11/
Other (c)	{	73	528 83	} 44	64	167	e riane d'au	A
Paste fillers	{	38	227 47	} 120				304
Paint removers and strippers	{	158 ••	290 131	} 137				
		Th. galls.			•	• 122	J	
French polish	{	17	13 16(f	з {	80	57	-	
1. Sum ().		Th. cwts.		11				
Dehydrated castor oil		13 Th. galls.	277 (f)				
Litho, letterpress and other printers' varnishes		196	251	19		-	-	-
			-					

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PAINT AND VARNISH

TABLE 8 (contd.)

	Freddetica		1948 Sales	and the second	193 Produc		1935 Production		
Th. sute. 5'000	700 CHEST. 21000	Quantity	Value	Entries	Quantity	Value	Quantity	Value	
			£'000	No.		£'000	o arris o un de	£.' 000	
Waste products		· ·· [10	24		(e)	nțalning 1 atains ((e)	
Work done for the commission (g)	trade or on	Pu	229	18		165	atains)	124	
Total	BB 144 Sellas all Ces		77,462	88.		21,440	bue datu	18,766	
Less sales (or p other trades (s		8	3, 597	••	185	617	Delegas and	469	
Total principal this trade sold establishments	l or made by	1,045 \$4 \$4 \$21.5	73,865	331	and ³⁸	20,823	paidis an artists'	18,297	

(a) For total sales of white lead basic carbonate, dry, see the Chemicals (General) Trade (Volume 2 Trade E).

- (b) Described as "White lead in paste or pulp".
- (c) Excluding esterified natural resins and zinc resinates.
- (d) Described as "Bituminous paints and cements", so far as recorded separately.
- (e) Not recorded separately.
- (f) So far as recorded separately.
- (g) Amount charged in 1948 and amount received in 1937 and 1935.

Sales (or production) of principal products of the trade by establishments classified to other trades												
137 1985 v		L	arger	estab	lis	hme	nts					
TABLE 9	£3.10	neuo l	- Estran	al Ne			and the second	nauð		() VELOUE	Tacanter	Reine
		-73		1948 Sale				.eaw	193 Produc		1935 Product	
		Qua	ntity	Value Entries		Quar	ntity	Value	Quantity	Value		
reader responses and atrippets		Th.	cwts.	£'00(0		No.	Th.	cwts.	£1000	Th. cwts.	<u>ଛ</u> ' ୦୦୦
Paints, pigments and extenders in paste form, whether with oi or other medium	1	s .44	h. mili		190			anz.		roa "a	estive 2 tars 1 5	sisintev Sussails
White lead, genuine	it		140	74	2		8		84	153	60	80
Red lead and orange lead, genuine			-	1 44	4		••			tion antra	estico delina	TIN IN
Zinc oxide, genuine	100	1.100	6	21	8		••	}	11	15	17	21 .
Other paste paints, except artists'	1079.	rest	50	28	8		13			iteer old	nang grana ad on égata	endo end
Distempers and water paints	Şa 1	1.0	r prod		57			8.25.5 2.5		Aur:	-	1010
Dry distempers	83		6		9		a.s.b.a.c.	ן -	1	ieupopi b	a estelinav	190130
Other, including distempers in paste form	-	14		.21		•		1				
		Th. cwts.	Th. galls.		0			(Pages)		LISEI OKI	ILTITES DO DO	19
Paints and painters' enamels, ready-mixed, including those containing synthetic resin							telda Tal.	CI (S Birth		(BOLVER)	nennen son	To as a second
Cellulose, pigmented	1 03		18	2	5		•••		•5	32	4	26
White lead paint, genuine					-1.1		••98,1	91	3	8	banning 4	8
Metallic paint		3	••		5			7		141		259
Other ready-mixed paints, including preservative paints, not elsewhere specified	ð 		1 14 		90 109 81					Leos 10 2. Leos 10 2. Leos 10 101	to galaisia JJ) eniese i (antese	
Based on synthetic resin	{	•• 10	42	5		}	5	}	29	57	44	83
Other	{	••• 18	108	8 4		}	11				Dits shuled	
	ſ		17	1	States and]	I		na {		Dan Malaq	
Unclassified	1		••	2 25		}	9	J	na		Upgates entra	
Ships' bottom compositions (anti-corrosive and anti- fouling)	i ej m	1	n Hitt		4		· 86		3	5		5
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PAINT AND VARNISH

TABLE 9 (contd.)

	19.9-2 - 30 	niti o	1948	0.10	to èsne	1937	7	195	
		n te	Sales	50	e tégne	Product	tion	Produc	tion
	Quan	tity	Value		Entries	Quantity	Value	Quantity	Value
reduction Production	Th. cwts.	Th. galls.	£.'000		No.	Th. cwts.	£'000	Th. cwts.	£1000
Bituminous paints, and bituminous solutions and emulsions for use	18 57	187 1,236	46 129 109	1	37	26	34	••	(a)
as paint		•(•)4	100	P					
Varnishes and lacquers, not pigmented Cellulose ester and cellulose	Th.	galls.				Th. galls.	da ba cas	Th. galls.	Jang. dt.
ether varnishes, lacquers and clear solutions		31	26			11	5	ituney .basil	••
011 varnish containing both resin and drying oils, but excluding preparations containing pigments			10					atuma ataa	
Based on synthetic resin (c)		2	2		'08	h		a mand mania	1370
Other	17482 S.	4	3		m. Che	lost (Gen)	- 27nisa	DOTATA DEBE ST	Squisue II
Other varnishes and lacquers, including japans and varnish stains						→ 466	65	641	78
Based on synthetic resin (c)	{	2	1 5	}	5	Alleman			1
Other		161	113		16	Jaw	ر در مروغ م	feresuteo bi	na estate
Manufactured thinners (solvent mixtures for use with paints, varnishes and lacquers), and		67	33 51]}	13	h	ng Clone nizer	xed, includ ng synthetic	
turpentine substitute		••	117	J		40	11	41	6
Manufactured liquid driers		129	11/				28120729	The out o	-97 112M
Wood preservatives (other than	Th.	cwts.				Th. cwts.		Th. cwts.	192.08
those containing oils of coal tar) and stains (other than { varnish stains)		19 ••	109 81	}	13 {	6	16 8	4	8 8
Putty		87	193		9	79	35	84	34
Litho-varnish and stand oil		-	1 18		** -	220	56	179	42
Artists' paints and colours		a hÌ						. 191	90
Water paints and colours, and { other artists' materials {		1	14 27	}	v1		28	••	. 28
Waterproofing compounds, roofing						**			
compositions and similar protective products, not elsewhere specified		56 ••	89 42	}	12	8	13	3	7

TABLE 9 (contd.)

ABLE 9 (Conta.)	一次的过去式和 的	C CARLE STORES	A CHARLE SHE	11 A A				
17410	n Great 31	1948 Sales	al (dat av	1937 Product		1935 Product		
austration	Quantity	Value	Entries	Quantity	Value	Quantity	Value	
	Th. cwts.	£'000	No.	Th. cwts.	£'000	Th. cwts.	£!000	
Paint and varnish makers' materials, not elsewhere specified excluding synthetic resins	35	298 6	} 11	10	27	••	(b)	
Paste fillers	-	001	ani ecolore	Jacob organi	0 00 (200	(an tanana)	00160	
aint removers and strippers	4	20 20	} 5		49		34(b)	
Dehydrated castor oil	4	182	••	J .		and the second second		
"An Openp : opense Gally som the of	Th. galls.		ionand gain	stinnij smoj	and integral	123125 210.		
itho, letterpress and other printers' varnishes	196	251	19	instruction	193 - 0 84	nan kan - an	-	
Total	a4.0.1	3, 597			617	agane the	469	
 a) Not recorded separately. b) Described as "Other principal products". c) Excluding esterified natural resins and zinc resinates. Sales (or production) in the trade of other than principal products Larger establishments 								
TABLE IO	Casily.	and and and	tataonaua	Cuodel barie a	to an anna	a Visenter	. No.	
8.8 785.3	194 Sal	48 les	P	1937 roduction	nere stores	1935 Productio	on	
	Quantity	Value	· Quanti	ty Value	e Qu	antity	Value	

8.* TB5.43	194 Sal		193 Produc		1935 Production					
25, 660	Quantity	Value	· Quantity	Value	Quantity	Value				
14,236(4)	Th. cwts.	£.1000	Th. cwts.	s.1000	Th. cwts.	£!000				
Boiled or refined linseed oil	23	179	122	207	126	181				
White lead, basic carbonate, dry	59	307	197	309	162	202				
Chemical colours		693	91	273	95	309				
Miscellaneous chemical products		1,573	••	141	••	137				
Synthetic resins	114	915	ing eroloyaan	bulont_jot	and other parts	densed -				
Lubricating oils and greases		349	83	93	77	88				
Polishes	••	176	••	92	••	77				
Artists' materials, etc.	••	316	••	36	•• 10000	32				
Other goods	••	1,204		168	••	181				
Work done	tween ETP4, 00	167(a)	es bebriader	www.000-029	tille potal 13	a. (a) -				
Total	1	5,879		1,319		1,207				

(a) Amount charged.

The larger establishments in this trade recorded the following ancillary output (not for sale) in 1948:-

Linseed oil Refined Boiled

DS 6781/1

2/I/10

PAINT AND VARNISH

2/I/11

White lead, basic carbonate, dry

Th. cwts. 202

21 44

CHEMICALS AND ALLIED TRADES Analysis of sales, 1948

TABLE II

DS 6781/1

Larger establishments in Great Britain

Quarterso fauture parties a princerta ferre quantita, e ferre 11 mea. 2100 894 124 outor 200 124 outor 200 124 0000 2000	Sales	Percentage of total sales
	£.1000	NE LOLIDI LOUIS
Sales (or transfers) to other organisations under the same control		enter fillere
Productive works	794	1.0
Export sales organisations (including branches abroad)	318	0.4
Other wholesale or selling organisations	3,058	3.9
Retail shops, etc.	1,316	1.7
Total sales (or transfers) to other organisations under the same control	5,486	6.9
Sales to independent buyers	esterlited natural o	tel Axeluding
Exports invoiced directly overseas	4, 644	5.9
Exports invoiced to Crown Agents and purchasing houses in this country of individual firms and governments abroad	2,928	3.7
His Majesty's Government and Local Authorities (other than productive establishments)	5, 357	6.8
Manufacturers, repairers, builders, mines, public utilities, and transport and other productive undertakings	35, 868	45.2
Wholesalers, merchants and other agents for resale	14,236(a)	17.9
Retailers, including multiple shops, caterers and N.A.A.F.I., for resale	7,791	9.8
Other businesses (including farmers) and institutions of all kinds	2,584	3.2
Members of the public, including employees	515	0.6
Total sales to independent buyers	73,862	93.1
Total	79,348	100.0

(a) Of this total £8,919,000 was recorded as divided between £774,000 for export and £8,145,000 for other sales.

TABLE 12

Paints, pigments and extenders in paste form, whether with oil or other medium

White lead, genuine

Red lead, orange lead and zinc oxide, genuine

Other paste paints, including artists' oil paints and colours

Dry Distempers

Paints and painters' enamels, ready-mixed, including those containing synthetic resin

Cellulose, pigmented

White lead paint, genuine

Red lead and zinc oxide paints, genuine

Other ready-mixed paints, including metallic and preservative paints, not elsewhere specified

> Total paints and painters' enamels ready-mixed (other than cellulose, pigmented)

Ships' bottom compositions (anti-corrosive and anti-fouling)

Bituminous paints and bituminous solutions and emulsions for use as paint

Varnishes and lacquers, not pigmented

Cellulose ester and cellulose ether varnishes, lacquers and clear solutions

PAINT AND VARNISH

Production, exports and imports of certain principal products (a)

	and the second		
Ptqoue et	Production (b)(c)	Exports (d)	Retained imports (e)
r origie:	Th. cwts.	Th. cwts.	Th. cwts.
(pure)		Lassiffa, Post of plene	Vernishes and
tinde ty		Oust Osid	altie tellet
{1948 1937	286 452	15 55	- 25
	anen 58-	onias out excluding	kaliyan .
1948	83	39	-
	£1000 100 100	£'000	£1000
s 163		tured liquid arters	gen Manufito-
1948	1,888	555	34
8	Th. cwts.	Th. cwts.	Th. cwts.
1948	268(1)	40	
136		ives (sthar than th	Wood preserves
tino	£1000	s.'000	£'000
∫1948	3,603	212	and and 1
1937	1,044	58	
1948	1,932	34 94 95 1	(a) - Figures b
1948	2,116	199	teoridet
			at paras for
1948	39,644		76
1940	39,044	4,070	36
∫1948	44,019(g)	5, 111	36
1937	10,310	1,451	75
100	- prest		
	Th. cwts.	Th. cwts.	Th. cwts.
{1948 {1937	177 185	61 44	indulana <u>1</u> (d)
1000	£1000	s.' 000	£1000
S.M.		3, 000	
1948	1,031	225	· · · ·
15%	Th. galls.	Th. galls.	Th. galls.
∫1948	2,156	95	2
1937	2,040	70	2

TABLE 12 (contd.)

			A LANDING MA
roduction (c) (c) Exports (d) Petalned imports (e)	Production (b)(c)	Exports (d)	Retained imports (e)
The owner, The owner, The cwise,	£'000	£'000	<u>୫</u> .୮୦୦୦
Varnishes and lacquers, not pigmented (contd.) Other sorts	paste form,	60013 s and extenders 1 11 or other mediu	Paints, pigment Wistian with o
Oil varnish containing both resin and drying oils, but excluding	[1948 [.1937	Benutner,	vot pe lead.
preparations containing pigments 1948	5,217	399	10
Other varnishes and lacquers, including japans and varnish stains, manufactured liquid driers, and litho-varnish and stand oil 1948	2,815	227	19
Total other sorts $\begin{cases} 1948 \\ 1937 \end{cases}$		626 321	23 35
	Th. cwts.	Th. cwts.	Th. cwts.
Wood preservatives (other than those containing oils of coal tar) and stains (other than varnish stains) 1948	82(f)	31	estado end nalli meruding thos
Putty and paste fillers (1) {1948 1937	595(f) 588	31 34	i solulī

(a) Figures of sales (or production) refer only to larger establishments in the relevant years. All recorded exports from and imports into the United Kingdom are given in the table. The figures, therefore, are not strictly comparable.

(b) Sales in 1948 and production for sale in 1937.

(c) Including sales (or production) by establishments classified to other trades.

- (d) Valued f.o.b.
- (e) Valued c.i.f.
- (f) Partly estimated.
- (g) Including unclassified sales.
- (h) Excluding liquid driers.
- (1) The figures for 1937 relate to putty only.

JES			ARNISH				2/I/15
Pur	chased m		als and lishmen [.]				
Usage of purchased materis[cstab					
Tory of a contract of the object		1948		1937	,	1935	
Quantity Cost Quantity co	Mator	and a second state of the	nd fuel		and the second	sed materials	,
		purcha	e e il i cana	USABO	and fu		, ,
cientals leante.	Quan	tity	Cost	Quantity	Cost	Quantity	Cost
Vegetatile clis. (cantal)	Th.	cwts.	<u>ଛ</u> । ୦୦୦	Th. cwts.	<u>ଛ.' ୦୦୦</u>	Th. cwts.	s.'000
ials and a second			47	6		n han han in han in here in her I here in here i	
gments (white, black and coloured), ry	797					tite lead, g	
White lead (basic carbonate)	UG4	161	887	243	445	251	372
Zinc oxide (including leaded zinc oxide)		490	1,745	347	392	326	288
Lithopone	00	665	1,154	649	491	520	400
Lead oxides (including red lead, orange lead and litharge)	1,78	135	731			etroleum aol	9
Earth colours (including ochres, siennas, umbers and red oxides of iron, but excluding blacks)	5114	243	354	aj al			I
Black, mineral and carbon (including vegetable, lamp, acetylene and bone black)	1.610	33	122		Livents	tor use as a	0
Synthetic organic pigments (colour lakes and toners) pure and		SE SHE	The		32		
reduced		49	775	i m. ve	10 1009 d	Dallendae cau	Teen
Chromium compounds (including lead and zinc greens)	. 10	82	771	a anus	my) Tesinej and	ale (colophia)	
Iron oxides, chemically manufactured	1.89	58	163	> 1,874	1,253	1,645	1,058
Titanium dioxide, pure and reduced (in terms of 98 per cent. Ti 02)	548	198	877	Tabris 1 (kk. kr		an bilther balles only	
Antimony oxide		40	336	ing sein contert	ns (includ	athetic res	8
Metallic powders	139.5	19	168	Istuten i	estericie	nthuloxe Jud	
Other sorts		65	325	1 128, 295	a bute no bu		. I
tenders, dry						anontan	19 949
Barytes	lan .	431	265			and a start of the	2 Land
China clay		140	74	T	. and 10	allo olde	out of the
Whiting (including Paris white)	1	,473	348		•	ito besen	L
Other sorts	2,581	316	208			WBR .	
	d hand				DBTT 80	TO DOTTION	-

Extende

TABLE 13

Materials

Pigment dry

2/I/14

DS 6781/1

TABLE 13 (contd.)

2/I/16

	1948	1937	,	1935			
	Materials a purcha		Usage	of purcha and i	nased materials fuel		
	Quantity	Cost	Quantity	Cost	Quantity	Cost	
Ieut Das	Th. cwts.	£.'000	Th. cwts.	£.'000	Th. cwts.	£.'000	
Materials (contd.)	stay Cost	Quant					
Paints, pigments and extenders in paste form, whether with oil or other medium:-	Wts. £1000	The C		292		Entraton	
White lead, genuine	135	797	188	340 (a)	209	294 (a)	
Other paste paints	22	150	• • • • •	(b)	••	(b)	
	Th. galls.	8,816	(83 BJ	sto cappo	te lead [Da		
Solvents	100 1. 1.745	animum .	bebos	f anthrice	no vride (11 no vride)		
Turpentine	740	90	104	197	100	223	
Petroleum solvents	18,700	1,763	731	601(c)	614	510(c)	
Coal tar solvents	7,917	1,190) (eg	nd 11 than	s peel eag	0	
. Industrial methylated spirits	2,244	511	astdoo g	aibuloni)	attro too tar		
Other alcohols, esters and ketones for use as solvents	2,957	1,618		(b)	ing	(b)	
Other solvents	1,016	339	Janen to * gm8.	setables bone bla			
	Th. cwts.		THOLOON and	om to sm	and and		
Resins, asphaltum, etc.	CARRY CA.		hilf	aind (sis)	tices and to		
Rosin (colophony)	203	611		ands the	emon anilmore		
Other natural resins and gums	82 97			(an	ad sine gro		
(including shellac, seedlac and sticklac)	259	1,894		nemi cally	an oxides,	11	
Esterified natural resins and		:	466	736(d)	376	591(d)	
zinc resinates	.85	542	igo it	90 TOJ 96	10 serres mi		
Synthetic resins (including solutions in terms of resin content,	40 - 04				nteony oxid		
but excluding esterified natural resins and zinc resinates)	243	2,255		ers	twoir of the		
Asphaltum, bitumen and pitch	274	174		(b)	ABT BOTTA	(D)	
Tin containers		3, 182	••		vin inter		
Other packing materials	83 284			1,468	ing tet.	(b)	
Vegetable oils	.40 ··	1,956			Valo ente		
Linseed oil	175 . 34	L'	(artsiw .	inen anton	ioni) gatati		
Raw	282	2,586	1.004	1 007		1 104	
Refined or boiled	623	6,454	1,081	1,603	948	1, 124	

TABLE 13 (contd.)

Materials (contd.)

Vegetable oils (contd.)

Tung oil

Castor oil

Dehydrated

Other

Other vegetable oils

Plasticisers (other than vegetable oils)

Lead, metallic

Collodion cotton (nitro-cellulose), wet

Celluloid scrap (including film scrap)

All other purchased materials

Unclassified materials

Fuel and electricity

Coal Coke

Electricity purchased (f)

From public supply

From other sources

Electricity obtained from other works under the same ownership

Motor spirit (petrol) and derv. fuel

Used for road vehicles

Used for other power purposes

PAINT AND VARNISH

的东西 南平 网络兰	·唐书子的书表。	而和谐、学习情况。			
1948	in ársa	1937			
Materials an purchas		Usage	of purcha and f	sed materials uel	3
Quantity	Cost	Quantity	Cost	Quantity	Cost
Th. cwts.	£'000		£'000		£!000
	Guesti ca	The West		with the second	
	שיאט אינ	il . ficts	Conta.1	Children and	
172	1,750	10000000	o sumero	(estination of	
BIE19	it				
53	589	1		urepásod	1.940
35	331		V.L.S	un alloud no	F
198	2,274	1.045	683	cion rand no	
32	294	to under	3,996	bsalnes tran	4,645(e)
272	1,251		and a	CLERCELLEC BUDGE	
~~~	+, ~01	distant distant	1001 0	icontrad. Jose	
57	634		Lesol C		1
2	· 17	Q. 84			
••	5,834	in paste of	ite lead	Grand Bed Ind	
	92		174	recorded set	113
Th. tons		Th. tons	enii aequ	Th. tons	
		ther restruct	bha allag	oribed as to	
36.6	113	60.4	76	59.0	62
17.2	64	61.01010/.601	(b)	17.6	25
Th. B. T.U.		Th. B.T.U. (kW. hrs.)	avy ruel	Th. B.T.U. (kW. hrs.)	
(kW. hrs.)		(KW. 111'S.)		(KW. 1115.)	
43,722	244	7			
366	2				
	~	28,365	114	23,146	102
-	-	J			
Th. galls.		3		Th. galls.	
			-		
909	89	]	(b)	••	(b)
265	12	J		ibaci	•
S. Caller and State		and the second second			

TABLE 13 (contd.)

2/1/18

		1	all and the second of	and the second second second	and the second second	T	and the second secon
		194	8	19	937	1935	
		Materials and fuel purchased		Usage of purchased materials and fuel			
ter quantity cost	Quantity Coa	Quantity	Cost	Quantity	Cost	Quantity	Cost
	10.13 .	Th. galls.	£1000	1 . Th. 24	£.'000 -	Th. galls.	£'000
Fuel and electricity (co	ntd )					s (contd.)	
Other oil fuel (inclu					(.bJR	able offs (o	
pitch mixtures)	ding creosoce/	03 2, 522	101	••	(b)	854	14(g)
		Th. therms		ti i	83 - <b>1</b> - 6	stor officion	
Gas purchased		889		P		Dehydratedd)	
From public supply		1,862	79	7		Other	
From other sources		96 - 8 ₈ 874	1		d110	ldalégsv red	
Gas obtained from othe	er works under	10 - 7-20 NOC-			111	161istra (oth	(b)
the same ownership		1460 - DC		1			
All other purchased fu	lel	188.1	7			attliste	basil .
Epitastrial meta	Total	305.3	49,197	4080101	11,997	notido moto	9,818

(a) Described as "White lead in paste or pulp".

(b) Not recorded separately.

(c) Described as "Turpentine substitutes".

(d) Described as "Copals and other resins".

(e) Including fuel not specified separately.

(f) The total quantity of electricity consumed in 1948 was 45,644,000 B.T. units including 1,557,000, generated in the same works.

(g) Described as "Heavy fuel oil".

TABLE 14

#### Finished products

Paints, pigments and extenders in paste form Paints and painters' enamels, ready-mixed

Varnish and lacquer, not pigmented

Other finished products

Work in progress

Unclassified

Total finished products and work in progress

Materials and fuel

Pigments and extenders, dry

Linseed oil

#### Solvents

#### Other descriptions of materials and fuel

Total materials and fuel

#### PAINT AND VARNISH

Stocks of finished products and work in progress and stocks of materials and fuel, 1948

Larger establishments in Great Britain

		and the second	and the second	
	At beginni	ng of year	At end of	year
ade ap	Quantity	Value	Quantity	Value
dis	Th. cwts.	£1000	Th. cwts.	£' 000
470	27.49.1		24-10	182 Line
m	84	267	98	295
242	5. 524 54	2, 172		2,985
	Th. galls.		Th. galls.	Total
WAYE CE	. 1,822	1,012	2, 272	1, 303
a (400) 8.8	a stol George 1	751	0.63	865
1 4 68	An Accession	894	14 A.C.	967
49	the hervices	1 <b>,</b> 543	cion 5, 8	1,710
enploy	ng numbers werd ather report (1	6, 640	and enhiberees. Nided in the ve	8, 126
	Th. cwts.	Cantaga W	Th. cwts.	
	773	1, 99 1 362	620	1,961 376
{	83	632 133	89	587 146
ai aroit	Th. galls.		Th. galls.	140
T forme	wall to be and	Ford Fri Trans. The los		100
{	1, 548	475 75	1, 450	466 95
	n this total) :	5,006	täili vulus pairse oying 100 on a	4,978
an a		8,674		8,608

2/I/19

#### Employment and remuneration (a)

#### TABLE 15

2/1/20

Larger establishments

				C. C. Star and a start of the			0.0			
		Average number of operatives			Administrative, technical and clerical employees (b)			Total		
7000 300	e mart until	1948	1937	1935	1948	1937	1935	1948	1937	1935
Males					aliter (	100			- <u>19</u> 80,226	
Under 18		591	1, 157	909	465	442	385	1,056	1, 599	1, 294
All ages		15, 371	11,805	10,826	8,575	6,764	6,426	23,946	18,569	17, 252
Females				1 3.5		at		(e)		- Protection
Under 18	80	422	862	733	785	545	353	1, 207	1, 407	1,086
All ages	d	4,657	2, 592	2, 524	4,288	2,773	2,412	8,945	5, 365	4,936
Total	a firsh	.th		e Lise		78 1				
Under 18	St8 .5	1,013	2,019	1, 642	1,250	987	738	2,263	3,006	2, 380
All ages	iner: Maria	20,028	14, 397	13, 350	12,863(c)	9,537	8,838	32,891 (c) (d) (e)	23,934	22, 188
Neg water to	rchase	£1000	13		£1000	7.1		£' 000	i progress	WOTR IT
Total remuneration	1	5, 582	···	••	6,540		••	12, 122		aninnu

(a) Excluded employees. The following numbers were employed at establishments in this trade but are not included in the table or in any other report (e.g., employees in a separate selling or transport organisation for which separate accounts are kept):-

> les les

Canteen workers	12 males	411 femal
Other workers	437 males	171 femal

(b) Number at September 25, 1948, October 16, 1937, and October 12, 1935.

(c) There were, in addition, 32 male working proprietors in 1948. Working proprietors are included in the 1937 and 1935 figures.

(d) The employers' share of contributions to all National Insurance Schemes payable during the year in respect of these workers amounted to £261,000.

(e) The following persons (included in this total) were employed on special work by establishments employing 100 or more persons:-

	Operatives	Administrative, technical and
		clerical employees
Transport of goods outside the premises	266	
 Maintenance and repair of firms' buildings, but not plant	109	
Research work not directly connected with current production however charged	136	130

In addition to the employees in the above table the firms in this trade employed 11 male and 120 female outworkers in 1948, the amount paid to them being £12,000. Similar information is not available for 1937 and 1935.

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### TABLE 16

•	Amount	Establishments making returns for the calendar year							
	paid by all		Per	centage of	annual remu	meration pai	ld in		
Silvedge (d	establish- A	Amount paid	First quarter	Second quarter	Third quarter	Fourth quarter	Year		
At I am at an a	21 000	£' 000	But and		nadobinen	Planter			
Wages and salaries of			118		and the second	Vehicale			
Operatives Administrative,	5, 582	3, 489	23.5	24.8	25.4	26.3	100.0		
technical and clerical employees	6, 540	3,753	23.7	23.9	24.2	28.1	100.0		
Total	12, 122	7,242	23.6	24.3	24.8	27.2	100.0		

(a) Including bonus and commission payments.

### TABLE 17 - Payments for work done on materials given out, 1948 Larger establishments in Great Britain

The total amount paid for work done on materials given out was £38,000.

TABLE 18

Repair and maintenance

Of buildings

Of plant, machinery and vehicles

Unclassified

Hire of plant, machinery and vehicles

Advertising and market research

Advertising in newspapers, magazines and per

.

Other advertising services (poster display, etc.) and market research

Unclassified

Payments made for research work

To research associations

To universities, institutions, academic bodi

To other commercial concerns

Postage, telephone, telegrams and cables

Commercial insurance premiums

Rates (excluding water rates) payable in the y

PAINT AND VARNISH

Wages and salaries paid, 1948 (a)

Larger establishments in Great Britain

Payments for certain services, 1948

Larger establishments in Great Britain

the state and the set to be the the the	Amount paid	
	£1000	
id bulidings and land ments occupied i	i i(111) legeon	
t Heading a the	157	
r Hesolngs 1 and 2	309	
a and land rolin utshed (d)	361	
bfor ebipitees' to sur	57	
have been and the second state of a second	berner to 111	
iodicals	130	
despatch of circulars,	100	
Lease headens of	100	
	354	
lus shion, where appropriate, is inclu-	(a) Excluding site va	
b defient changes in orderatio of prev	23	
es and similar agencies	4	
	14	
p dastroyed or altendened.	223	
	3 19	
year	92	

#### 2 I/22

#### CHEMICALS AND ALLIED TRADES

### Plant, machinery and vehicles acquired and disposed of, 1948

#### Larger establishments in Great Britain

#### TABLE 19

nollement is anno the same	AC	quisit	ions	
normani internet internet	New	ainso	Second-hand	Disposals
quarter quarter quarter	٤' ٥٥٥		£1000	£1000
Plant and machinery	1, 357	0.01	19	47
Vehicles	244		72	59
Total	1,601	Sine w	91	106

#### Capital expenditure on building work and changes in occupation of buildings and land, 1948

#### Larger establishments in Great Britain

#### TABLE 20

al den sitesticters in dreat britain a mount il detes rep	£'000	£' 000	
1. Capital expenditure on building work (a)		818	
2. Existing buildings and land (b)			
(1) Capital cost of freeholds bought	176		
Estimated capital value of			
(11) Rented property newly occupied in the year (c)	215		
(111) Leasehold buildings and land newly occupied in the year	241	- Them they a terret	
Total of heading 2		632	
Total of headings 1 and 2		1, 450	
3. Existing buildings and land relinquished (d)	•		
(1) Selling value of freeholds sold	20		
(11) Estimated value of other properties relinquished	17	a bos actalatevia	
Tctal of heading 3		37	
4. Headings 1 and 2 less heading 3		1, 413	The second

(a) Excluding site value which, where appropriate, is included in heading 2(i).

(b) The figures do not reflect changes in ownership of previously occupied land and buildings.

(c) Property which is occupied under an agreement for the payment of rent without the purchase of a lease or the payment of a premium.

(d) Including property destroyed or abandoned.

# TABLE 21 Gross output (production) Cost of materials and fuel used Payment for work done on materials given out Net output Wages and salaries of persons employed Average number of persons employed (a) Net output per person employed (a) Stocks at end of year Finished products and work in progress Materials and fuel Number of establishments

(a) Excluding outworkers.

Output of firms in this trade

Total value of sales (see Table 23)

Adjustment for changes in stocks and work in progress

Less payment for transport by other firms

Gross output (production)

Materials and fuel used by firms in this trade

Purchases (see Table 24)

Adjustment for changes in stocks

Materials and fuel used

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PAINT AND VARNISH COUNTRY TABLES 1948 Summary Larger establishments

	England	Wales	Scotland	Great Britain
nelign k	£1000	£1000	£1000	£' 000
888	74,934	548	4,595	80,078
1	45,813	351	3,099	49,263
	37	Tobre encened 1	1	38
080.1	29,083	198	1,496	30,777
175.3	11,402 No. 30,918 £ 941	88 No. 215 & 919	633 No. 1,790 £ 836	12, 122 No. 32, 923 £ 935
	£'000	٤١٥٥٥	£1000	٤' ٥٥٥
	7,711	44	371	8, 126
	7,981 No. 328	76 No. 8	551 No. 27	8,608 No. 363

The values of gross output and of materials and fuel used are derived in the following way:-

		and the second		
	England	Wales	Scotland	Great Britain
	£1000	£1000	£'000	£'000
			1 - 4.52	
	74,594	546	4,604	79,744
	+ 1,418	+ 6	+ 62	+ 1,486
	76,012 1,078	552 3	4,666 71	81,230 1,152
	74,934	548	4,595	80,078
e				
	45,844	343	3,010	49,197
	- 30	+ 8	+ 89	+ 66
	45,813	351	3,099	49,263
	desurrences and a second secon	Langer and the second s		

## CHEMICALS AND ALLIED TRADES COUNTRY TABLES

. Summary

Small firms

/	ABLE 22						
	00012 00015	00013 th	England	Wales	Scotland	Great Britain	
N	umber of returns	259 924	226	4	14	244	
A	verage number of persons employed	(a)		no colifi	tael peed	terlals und	1. CS
8	Males Females	880 ,88	1,020	25	71	1,116	
		11.402 1.102	214	osed:	16	230	
1	Total	South Constants	1,234	25	87	1,346	

(a) Including working proprietors.

Sales in the trade												
Larger establishments												
TABLE 23												
England and Wales Scotland Great Britain												
Quantity Value Quantity Value Quantity Value												
PTIE DEL PROVINCES COMPANY								993,090	924			
Principal products	Υn.	cwts.	£'000	TII.	cwts.	£'000	NOODAA	cwts.	ଛ' 000			
Paints, pigments and extenders in paste form, whether with oil or other medium							contal contal contal contact c	an sola an sola sin sola cioting				
White lead, genuine	84	127	791	0151	9	119	** synthel	146	910			
Red lead and orange lead, genuine		7	47	.ste	1	7	L CALS	8 1911	54			
Zinc oxide, genuine		61	373		9	52	ance and cases	70	425			
Other paste paints, except artists'	8	229	. 1,129	8835	8	276	amther	286	1,405			
Distempers and water paints Dry distempers	91	225	623 86	180,	6	21 {		231	645 86			
Other, including distempers in paste form	1,	814	4,946	e	34	207	1,	878	5,153			
Paints and painters' enamels, ready-mixed, including those containing synthetic resin	Th. cwts.	Th. galls.		Th. cwts.	Th. galls.		Th. cwts.	Th. galls.				
Cellulose pigmented	••		(a)	•••	••	(a)	66	2,522	3,049 530			
White lead paint, genuine	140	360 ••	722 990 129	•• 5 -	21	40 50	145 ••	381	763 1,040 129			
Red lead paint, genuine {	99	166 ••	339 424	·: 11	32 • •	66 86	110	199	405 509			
Zinc oxide paint, genuine	 43 	304 ••	472 362 358	- - -	4	6 4 -	44	308	478 366 358			
Metallic paint {		549	724 398		26	36 8	31	575 ••	760 406			
Other ready-mixed paints, including preservative paints, not elsewhere specified			785 785			d þil -		5 755	7,039			
Based on synthetic resin {	332	5,040	6,589 2,451	21	314 ••	449 206	352	5,355	2,657			
Other	17 556	117 15,406	143 21,737 5,024	- 152	- 775 ••	991 669	17 708	117 16,181 ••	143 22,727 5,692			
Unclassified		22	39		-	-		22	39			
Ships' bottom compositions (anti-corrosive and anti- fouling)	168		(a) (a) 982	8	••	47	176	a copal.	1,029			
Bituminous paints and bituminous solutions and emulsions for use as paint			(a)	-	••	(a)	382	407	144 603			

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PAINT AND VARNISH COUNTRY TABLES

# 2/1/26 CHEMICALS AND ALLIED TRADES COUNTRY TABLES.

### TABLE 23 (contd.)

	A CONTRACTOR OF	•					TABLE 23 (conta.)
	England a	nd Wales	Scot	land	Great 1	Britain	
	Quantity	Value	Quantity	Value	Quantity	Value	
	Th. galls.	£'000	Th. galls.	£'000	Th. galls.	£'000	
Principal products (contd.)	1008	AF-ERM	Factand and		Siceac.		
Varnishes and lacquers, not pigmented	gataanip		Quantity	and the second second	BRITHIN		Principal products (contd.)
Cellulose ester and cellulose ether varnishes, lacquers, and	-active Lett	00013	Tif. over		214	2	Paste fillers {
clear solutions	2,116	1,673	9	9	2,125	1,682	Paint removers and strippers {
011 varnish containing both resin and drying oils, but excluding preparations containing pigments				tanta no	tase at another the sector of		French polish
Based on synthetic resin	1,270	1,189	84	91	1,354	1,280	
Other	4,214	3,803	149	128	4,363	3,931	150 450
Other varnishes and lacquers, including japans and varnish stains		573	-81 	1000	o oxide, genu	113	Dehydrated castor oil Waste products
Based on synthetic resin {	256	246 41	6	5 {	262	251 41	Work done for the trade or on commission
Other	2,081	1,407	91	86	2,172	1,494	
Manufactured thinners (solvent mixtures for use with paints,		.08		-	arsteepars. er, including		Total principal products Other output
varnishes and lacquers) and turpentine substitute	4,661	2,205	136	48	4,797	2, 253	Boiled or refined linseed oil
Manufactured liquid driers	328	308	23	17	352	325	White lead, basic carbonate,
Wood preservatives (other than	Th. cwts.		Th. cwts.	,DEX	Th. cwts.		dry
those containing oils of coal tar) and stains (other than $\int$	29	81	-	_ {	29	82 51	Chemical colours
varnish stains)	402	5 <b>1</b> 989	60	149	463	1,137	Miscellaneous chemical products
Putty			1642		33	469	
Litho-varnish and stand oil	•••	(a)	• •	(a)	00	409	Synthetic resins
Artists' paints and colours		424			. lead paint.	105	Lubricating oils and greases
011	÷.	195		-	ie oride path	195	Polishes
Water paints and colours, and other artists' materials		83 295	} -	- {	••	83 295	Artists' materials
Fitted boxes					salide paint.	315	Other goods
Water colours and oil colours	••	287	-	id painta, rva+tva	nar ready-alx	287	Work done (b)
Waterproofing compounds, roofing compositions and .	118 m	1003.10			beili bee	3	Total
similar protective products, not elsewhere specified	-	(a)	882 ••	(a) {	66 ••	106 <b>11</b> 9	(a) Owing to the risk of disclo
Paint and varnish makers' materials, not elsewhere specified	. jäi		. 858		. tould		cannot be given. (b) Amount charged.
Gum copal, processed	••	(a)		(a)	136	920	Australia and
Other (excluding synthetic resins)		360 (a)		(a) {	37	230 77	27 1.472 Base
10 1 man 1 (a)				and one and	ning anglata		

England and

Quantity Th. cwts.

> 33 ••: 143

> > ....

•• :

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18

53

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TABLE 23 (contd.)

DS 6781/1

#### PAINT AND VARNISH COUNTRY TABLES

2/1/27

-					
W	ales	Scotla	nd	Great Br	itain
Value		Quantity	Value	Quantity	Value
. Sa	000	Th. cwts.	£1000	Th. cwts.	£1000
	211 47	} 5	15 {	38	226 47
	253 106	11	17 4	154	270 110
	(a)		(a) {	Th. galls. 17	13
	(0)	The galland	(_, [	foutoni) spine	16
		040	(-)	Th. cwts.	05
	(a)	12:0	(a)	8	95
	(a) .	•••9044	(a)	Datoni) subiau	10
	(a)	. 842 258	(a)	Caracter Load	229
6	9,813	122	4,053	colomy (incl as, stamas, u	73,865
		893		COST TO BELLAS.	
	128	4	51	23 .	179
	277	5	30	59	307
	568		125	DUT LING OF OTO	693
		1 25 10	4.45	peorosites	4 607
	1,426	••	147		1,573
	(a)	••	(a)	114	915
	233	••:	116	tactured.	349
	148		28	tun dioxide, p	176
	316	0.52	- 3	ced (in terris)	316
	1,158	••	46		1,204
	167	81	-19	erection of	167
	5,140	83	4,604	et los.	79,744

disclosure of information relating to individual firms separate figures

# · CHEMICALS AND ALLIED TRADES COUNTRY TABLES

### Purchased materials and fuel

Larger establishments

### TABLE 24

	England a	nd Wales	Scot	Scotland		Britain	
	Quantity	Cost	Quantity	Cost	Quantity	Cost	Materials
Materials	Th. cwts.	£.'000	Th. cwts.	٤'000	Th. cwts.	\$, <b>'</b> 000	Paints, in pas
Pigments (white, black and coloured), dry	363.4÷	106	254.3 + -	i crei	Titan Das ^{te} ri	Påtac remore	oil or Whit
White lead (basic carbonate)	139	765	22	122	161	887	Othe
Zinc oxide (including leaded zinc oxide)	446	1,586	44	159	490	1,745	Solvent
Lithopone	622	1,077	43	76	665	1,154	Turp
Lead oxides (including red lead, orange lead and litharge)	. 116	632	19	99	135	731	Petr Coal
Earth colours (including ochres, Siennas, umbers and red oxides of iron, but		- 1. Ele.	10	ni ta	a fair no thai "produc	Install 201	Indu spi
excluding blacks)	223	332	21	22	243	354	Othe ket
Black; mineral and carbon (including vegetable, lamp, acetylene and bone black)	31	116	2	6	33	122	sol Othe
Synthetic organic pigments (colour lakes and toners) pure and reduced	47	738	2	37	49	775	Resins,
Chromium compounds (including lead and zinc greens)	79	735	4	37	82	771	Rosi Othe gun
Iron oxides, chemically manufactured	53	151	5	12	58	163	see Este
Titanium dioxide, pure and reduced (in terms of	-	tee				POI Lanes	and
98 per cent. Ti O ₂ )	186	812	12	65	198	877	Synt sol cor
Antimony oxide Metallic powders	38	321	2	14	40	336	est
Other sorts	19 63	159 313	1	9 12	19 65	168 325	Aspl
Extenders, dry		010			00	020	Tin cor
Barytes	359	220	73	44	431	265	Other I
China clay	136	72	4	2	140	74	Vegetal
Whiting (including Paris white)	1, 372	320	101	27	1,473	348	Lins
Other sorts	305	196	11	12	316	208	. 18
DS 678 1/ 1						CALIFICA SER	DS 6781/1

TABLE 24 (contd.)

ABLE 24 (contd.)					T THE HOUSE	a alexi	
und, Oreat Britain	England ar	nd Wales	Scotl	land	Great Britain		
	Quantity	Cost	Quantity	Cost	Quantity	Cost	
	Th. cwts.	£1000	Th. cwts.	£1000	Th. cwts.	£1000	
aterials (contd.)					(.con.co.)		
Paints, pigments and extenders in paste form, whether with				141 2.	iaod) Tro etc		
oil or other medium	The cherne		Th. Therme	r		207	
White lead, genuine	127	739	8	58	135	797	
Other paste paints	Sites	(a)	18	(a)	22	150	
238 65 65 65 85 85 85 5 85 5 85 5 85 5 85	Th. galls.		Th. galls.	1000	Th. galls.		
Solvents	18	34. LAS	186	Le (c)	E A O	90	
Turpentine	••	(a)	••	(a)	740	Pleast	
Petroleum solvents	17,654	1,662	1,046	101	18,700	1,763	
Coal tar solvents	7,784	1,170	133	19	7,917	1,190	
Industrial methylated spirits	2, 122	483	122	28	2,244	511	
Other alcohols, esters and	gare of inthe		ting to indivi		Still Shoe The	Higgs of the	
ketones for use as solvents	2,910	1, 595	47	23	2,957	1,618	
Other solvents	941	326	75	12	1,016	339	
	Th. cwts.		Th. cwts.		Th. cwts.	esere do	
Resins, asphaltum, etc.	Contraction Provide		10	4.7	007	014	
Rosin (colophony)	187	564	16	47	203	611	
Other natural resins and gums (including shellac, seedlac and sticklac)	247	1,775	13	119	259	1,894	
Esterified natural resins	TA. B.T.U.		The B. T. D.				
and zinc resinates	83	530	2	13 .	85	542	
Synthetic resins (including				(c)	atty purchaded	TROFIE	
solution in terms of resin content, but excluding	8, 608		41,114		Lague silder	1017	
esterified natural resins and zinc resinates)	238	2,204	5 388	51	243	2,255	
Asphaltum, bitumen and pitc	.h 268	169	- 6	5	274	174	
Tin containers		3,038		145	works under al	3,182	
Other packing materials	Th. salls.	1,908	the entry	48		1,956	
		Care Care			Course of the ball		
Vegetable oils			•	brie	ISU1	Notor.	
Linseed oil	40	85	853	8910	der beer rot i		
Paw	243	2, 209	39	377	282	2,586	
					623		

### PAINT AND VARNISH COUNTRY TABLES

CHEMICALS AND ALLIED TRADES COUNTRY TABLES.

TABLE 24 (contd.)

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TABLE 24 (CONEd.)					(.0.1 000)	रहमद्द 24
and Great Brilain	England	and Wales	Scot	land	Great E	Britain
Cost Quantity Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost
	Th. cwts.	£'000	Th. cwts.	£1000	Th. cwts.	£1000
Materials (contd.)	TEAMORT OF ST	Cine !	acanticy -	. Onen:	Vosites (source)	aibideant
Vegetable oils (contd.)	the sector.		De conser	wieb?moxb	ball original and	Patrice
Tung oil	167	1,697	5	53	172	1,750
Castor oil	8	739	181		utuneg "bsel e	.tm9ž
Dehydrated	51	562	2	27	53	589
Other	32	302	3	29	35	331
Other vegetable oils	186	2, 145	12	129	198	2,274
Plasticisers (other than vegetable oils)	29	272	3	23	32	294
Lead, metallic		(a)	2	(a)	272	1,251
Collodion cotton (nitro- cellulose), wet		(a)	SS,5	(a)	57	634
Celluloid scrap (including film scrap)		(a)	••	(a)		17
All other purchased materials	••	5,398	••	435	et (197)	5,834
Unclassified materials		92	••		in solventa	92
	Th. tons		Th. tons	10.	Th. tons	entes
Fuel and electricity	. 31 .	366	£97		(vaotiony) ai	aqa
Coal	31.2	99	5.4	14	36.6	113
Coke	16.9	63	0.4	2	17.2	64
SAR AND STREET	Th. B.T.U. (kW. hrs.)		Th. B.T.U. (kW. hrs.)	ontast.	Th. B.T.U. (kW. hrs.)	1 1 63 105
Electricity purchased (b)				anthyiont	thetic realns	ave
From public supply	41, 114	232	2,608	13	43,722	244
From other sources	366	2	B83-		366	2
Electricity obtained from	ð - ₁₀₈	1 1992			nal tunge of tunes	JEA ASIA
other works under the same ownership		884.8		-	aranthar	- Tin oc
	Th. galls.	1, 908	Th. galls.		Th. galls.	other
Motor spirit (petrol) and derv. fuel	1994	.78	4		ole olla	Vacata
Used for road vehicles	868	. 85	40	4	909	89
Used for other power purposes	95 107	(a)	BHT .	(a)	265	12
DS 6781/1		A start				the sectors willing

TABLE 24 (contd.)

05 678 1/1

-	England ar	nd Wales	Scotl	and	Great Britain		
and the state .	Quantity	Cost	Quantity	Cost	Quantity	Cost	
A		£1000		s.'000	Th. galls.	£.1000	
Fuel and electricity (contd.)			il catal	al est for	testante en Col	1	
Other oil fuel (including creosote/pitch mixtures)		(a)	••	(a)	2, 522	101	
	Th. therms		Th. therms		Th. therms		
Gas purchased		1.1.1.1.1.1.1					
From public supply	1,758	77	104	З	1,862	79	
From other sources	-	1	-	-	-	1	
Gas obtained from other works under the same ownership	-	-	-	-		-	
All other purchased fuel	••	. 7		-	••	7	
Total		46,187		3,010		49, 197	

(a) Owing to the risk of disclosure of information relating to individual firms separate figures cannot be given.

(b) The total quantity of electricity consumed in England and Wales was 43,036,000 B.T. units including 1,557,000 generated in the same works. The total quantity of electricity consumed in Scotland was 2,608,000 B.T. units.

#### .PAINT AND VARNISH COUNTRY TABLES

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#### CHEMICALS AND ALLIED TRADES COUNTRY TABLES

#### Employment and remuneration

#### Larger establishments

368-	, N	England and Wales			Scotland			Great Britain		
edora intertala EXErcation	and the second	Average number of operatives	Admini- strative, technical and clerical employees (a)	Total	Average number of operatives	Admini- strative, technical and clerical employees (a)	Total	Average number of operatives	Admin- istrative, technical and clerical employees (a)	Total
Males		83 .RT - [	1.18	mani .ma		entrotic				
Under 18		567	442	1,009	24	23	47	591	465	1,056
All ages		14,523	8,117	22,640	848	458	1,306	15,371	8,575	23,946
Females		88.4	8 .	261	THE L	880		and Kalender	e allang m	1
Under 18		411	750	1,161	11	35	46	422	785	1,207
All ages	-	4,396	4,066	8,462	261	222	483	4,657	4,288	8,945
Total								nediji o d obrav	oni bealajek	Carlo Anterna
Under 18		, 978	1,192	2,170	35	58	93	1,013	1,250	2,263
All ages		18,919	12,183(b)	31,102 (b)(c)	1,109	680 (b)	1,789 (b)(c)	20,028	12,863(b)	32,891 (b)(c)
Total		£1000	£!000	£'000	s.1000	£'000	£1000	<u>ଛ</u> ା ୦୦୦	£1000	\$.º000
Total remuneration		5, 291	6,199	11,490	291	341	633	5,582	6,540	12,122

(a) Number at September 25, 1948.
(b) There were in addition, 32 male working proprietors in Great Britain; 31 males in England and Wales, and 1 male in Scotland.
(c) The employers' share of contributions to all National Insurance Schemes payable during the year in respect of these workers amounted to a total of £261,000; £247,000 for England and Wales, and £14,000 for Scotland.

In addition to the employees in the above table the firms in England and Wales in this trade employed 11 male and 120 female outworkers, the amount paid to them being \$12,000.

# Monthly index of employment of operatives: Larger establishments (average employment in 1948 = 100)

#### TABLE 26

Manah	Moi	nthly index	(a)	Month	Monthly index (a)			
Month England and Wales Scotland Britain		Great Britain		England and Wales	Scotland '	Great Britain		
1948				1948				
January	97.9	98.4	97.9	August	101.2	102.1	101.3	
February	98.4	98.8	98.4	September	101.4	101.5	101.4	
March	98.6	100.4	98.7	October	101.0	101.0	101.0	
April	100.3	102.2	100.4	November	100.2	99.7	100.1	
May	99.9	102.4	100.1	December	98.4	97.9	98.4	
June	100.9	100.9	100.9	Percentage employ-				
July	101.7	95.3	101.3	ment in this trade covered by the index	62.5	60.8	62.4	

(a) The index numbers are calculated from the number of operatives employed in one week in each month returned by larger establishments that made returns for the calendar year 1948.

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TABLE 25



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