

**Burbidge & Son Ltd, Awson Street, Coventry**

**Permit No: PPC/045**

**Woodcoating**

**Solvent Management Plan**

**2020 usage**

## 2020 Summary

Burbidge & Son Ltd, Awson Street, Coventry  
Permit No: PPC/045  
Coatings on Wood,

VOC by supplier/ tonnes	Sherwin Williams	18.38
	Intercoat	0.89
	Renner	5.25
	Safety Kleen	0.00
<b>Total VOC Input (I<sub>1</sub>)/ tonnes</b>		<b>24.52</b>

<b>Total VOC Output in tin residues (O<sub>6</sub>)/tonnes</b>	<b>0.16</b>
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<b>Total VOC Output to Reclaim (O<sub>8</sub>)/tonnes</b>	<b>9.14</b>
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<b>Nett Consumption VOC (C<sub>1</sub>)/ tonnes</b>	<b>15.22</b>
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Solids by supplier/ tonnes	Sherwin Williams	11.86
	Intercoat	0.00
	Renner	6.14
<b>Total solids/ tonnes</b>		<b>18.00</b>

<b>Ratio VOC : solids</b>	<b>0.85 : 1</b>
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It should be noted that 10 months of 2020 were affected by COVID. This led to a significant interruption to production.

## **Progress during the year**

During the year the company conducted trials on water based paints for the main spray line and also for hand spray, testing products with and without cross linkers.

Further trials have been undertaken with two other suppliers on water based coatings this year, with the aim of removing isocyanates. The results with one of the suppliers have been promising and Burbidge is about to take their product to the next stage of trial.

Some products tested were those derived from plant based materials rather than mineral oils but unfortunately they did not prove good enough yet to meet the required quality standards.

The company has sub-contracted more work in the last 18 months or so which has reduced volumes and hence emissions.

## 1. Objective

To establish a Solvent Management Plan following the Secretary of State's Guidance for Wood Coating PG6/33 (11) revised June 2014. This document particularly refers to the requirements of paragraph 4.12.

## 2. Definitions and Interpretations

The Guidance Note refers to specific Inputs and Outputs of organic solvent. The interpretation of the definitions in relation to Burbidge & Son Ltd is as follows;

Definition Ref	Interpretation
I <sub>1</sub>	The input quantity of VOC will be the sum of all coatings and thinners used in the application process and solvent used for cleaning purposes
I <sub>2</sub>	Organic solvents recovered and reused as solvent input into the process.
O <sub>1</sub>	The emission of VOC from the exhaust stacks in the spray booths, drying ovens and paint kitchens. This is calculated as the difference between the input VOC and the other output VOC.
O <sub>2</sub>	Organic solvent lost in water. Burbidge & Son Ltd do not use a process where solvents are washed in water and therefore this output requirement is not applicable
O <sub>3</sub>	The potential retention of solvent in the coating is a significant problem to the industry. This can lead to coating instability that normally becomes visible as cracks in the lacquer film and also leads to the panels sticking when stacked together and to the imprinting of packaging onto the surface. As these issues are not apparent at Burbidge & Son Ltd then we believe that no solvent is retained in the final product and therefore this output requirement is not applicable.
O <sub>4</sub>	All mixing of the coating components, transfer of coatings and cleaning of application equipment is carried out in extracted areas. This output requirement is therefore not applicable.
O <sub>5</sub>	None of the coatings used at Burbidge & Son Ltd generate emissions from chemical or physical reactions and therefore this output is not applicable.
O <sub>6</sub>	Organic solvents contained in collected waste arise from the residue of coating materials left in the drums. The drums are partially vented then sealed prior to collection.  There are no processes at Burbidge & Son that involve the wiping of excess solvent. There is a very low usage of rags for housekeeping purposes. A proportion of this includes contact with a small quantity of solvent but this is carried out in a spraybooth environment and it is believed that the solvent vapour is removed by the airflow into the spraybooth.

O <sub>7</sub>	All materials mixed are used on site which are sold as commercially valuable product and therefore this output requirement is not applicable.
O <sub>8</sub>	Materials are sent for recovery and resale but are not reused in the process.
O <sub>9</sub>	Organic solvents released in other ways. To the best of our knowledge all solvent releases are accounted for in the above definitions and therefore this output is not applicable.

### 3. Methodology

#### Inputs

##### 3.1 Input I<sub>1</sub>

The input data for materials used in the process is calculated from information supplied by the materials manufacturers.

##### 3.2 Input I<sub>2</sub>

Organic solvents recovered and reused as solvent input into the process, I<sub>2</sub>, are calculated from the capacity of the recycle still and the number of times this is used.

#### Outputs

The known outputs cannot realistically be calculated with this level of accuracy and traceability. In order to estimate the relevant outputs the following methodologies have been used.

##### 3.3 Output O<sub>6</sub> - Organic solvents contained in collected waste arise from the residue of coating materials left in the drums.

The volume of material in a drum varies with the type of material. For a typical full drum the depth of material would be 500mm. The residue therefore is equivalent to 1% of the drum height and therefore volume of coating in the drum. The calculated average coating VOC content can be used to determine the VOC content of the residue then extrapolated to give a total for O<sub>6</sub>. The average coating VOC content of the residue is 65.61%. Therefore the residual VOC equates to 65.61% of the 1% of residue i.e. 0.6561%. The output O<sub>6</sub> is therefore 0.6561% of the materials given in I<sub>1</sub>.

For 2020 = 24,525 \* 1% \* 0.6561 = 161 kg VOC

##### 3.4 Output O<sub>8</sub> - Materials are sent for recovery and resale but are not reused in the process.

The data for solvent materials sent for recovery is calculated from information supplied by the recycling contractor.

### 4. Determination of Annual Solvent Consumption

The VOC content and solids content are available from data supplied by the coating

manufacturer. The VOC or solids content of the total coating used can be determined by multiplying the volume by VOC or solids content as appropriate.

The annual actual consumption of organic solvents (C) is

$$C = I_1 - O_8$$

### **5. Determination of Target Emission**

The Target Emission for a wood coating installation in the 15 tonne or more solvent consumption band is

$$\text{Total Mass of Solids} \times 1.0 \text{ (see Table 6 PG6/33(11))}$$

Compliance with the Reduction Scheme is achieved if the annual actual solvent emission determined by the Solvent Management Plan is less than or equal to the Target Emission.

### **6. Determination of Annual Actual Solvent Emission**

The annual actual solvent emission (para 4.7 PG6/33(11)) is

$$I_1 - O_8 - O_7 - O_6$$

### **7. Solvent Management Plan**

Using the definitions in paragraph 4.12 the input of VOC is

$$I_1$$

The outputs are

$$O_1 + O_6 + O_8 \text{ (other outputs equal zero)}$$

where

$I_1$  = the quantity of organic solvents used in preparations and as thinners is taken from the annual VOC return

$O_1$  = the quantity of organic solvent in exhaust stacks from the spray booths, drying ovens and paint kitchens and is the difference between the input VOC and the other outputs

$O_6$  = organic solvents contained in collected empty drums and is calculated in section 3.3

$O_8$  = organic solvents sent for recovery and re-sale but not re-used on site

## Figures from solvent suppliers

1. Renner
2. Sherwin & Williams
3. Red Industries – paint waste
4. Safety Kleen – gun wash
5. Intercoat - thinners

### Renner Ltd

code	description	KG	liters	DENSITY	VOC %	VOC g/l	VOC TOTAL KG	solid content %	Solids Kg
AY---M460/-----	WB CLEANER	2200	2236	0.984	12.4700	122.70	274.34	0.00	
DF---M008/-----	SOLVENT FOR PU	350	419	0.836	100.0000	836.00	350.00	0.00	
FC---M003/-----	PU HARDENER	100	107	0.933	75.9900	708.99	75.99	24.12	24.12
FC---M021/-----	NON YELLOWING PU HARDENER	3550	3821	0.929	79.4800	738.37	2,821.54	20.52	728.60
FC---M072/-----	NON YELLOWING PU HARDENER	40	43	0.940	68.5000	643.90	27.40	31.50	12.60
UL---M422/--C02	WHITE DUAL CURE BASECOAT FOR OPEN PORE SYS. ALREADY PHOTOIN	200	171	1.170	44.9500	525.91	89.90	54.87	109.74
YC---M402/-----	HARDENER FOR WATER BASED COATINGS	170	155	1.100	20.0000	220.00	34.00	74.08	125.94
YU-10M754/CDA733	SOFT GREY WB TOPCOAT	2,750.00	2325	1.183	4.19	49.61	115.23	39.45	1084.88
YU-10M754/CDA752	PUTTY WB UV	2,750.00	2325	1.183	4.2	49.65	115.50	39.44	1084.60
YU-10M754/CDA751	ALABASTER WB UV TOPCOAT	1,250.00	1058	1.182	4.19	49.51	52.38	39.40	492.50
YU-10M754/DA 374	SEAL GREY UV TOPCOAT - BURBIDGE	1,400.00	1273	1.100	1.92	211.61	26.88	34.52	483.28
FO-10M060/CDS1120	SOF GREY PU TOPCOAT	1,000.00	746	1.341	31.88	385.05	318.80	67.85	678.50
FO-10M060/CDS1121	ALABASTER PU TOPCOAT	75	56	1.342	28.61	383.90	21.46	68.31	51.23
FO-10M060/CDS1122	PUTTY PU	675	503	1.341	28.63	383.90	193.25	68.29	460.96
FO-10M060/CDS1230	SEAL GREY PU	650	565	1.151	44.09	503.39	286.59	54.90	356.85
FO-10M060/CDS1551	CORNFLOWER BLUE	75	56	1.339	28.78	383.90	21.59	68.20	51.15
CDS 1370/-----33	PICTURE GALLERY RED	70	58	1.205	43.97	534.60	30.78	55.27	38.69
CDS 1389/-----33	PALE ROSE	95	85	1.121	44.72	534.60	42.48	54.44	51.72
CDS 370/-----59	GREY PRIMER	200	171	1.167	54.77	654.97	109.54	45.38	90.76
DS 370/-----54	GREY PRIMER	350	300	1.167	54.77	654.97	191.70	45.38	158.83
DS 491/-----54	GREY PRIMER	100	86	1.168	46.8	548.00	46.80	52.63	52.63
			16,555.84				5,246.13	938.56	6,137.57

Sherwin Williams

Sales Item No	Product No	Trade Name	Water Amt (wt %)	VOC Amt (wt %)	VOC Amt (g/L)	Solids Content (g/L)	Density (Kg/L)	Purchase Amt (L)	Purchase Amt (kg)	VOC Amt (kg)	Solids Amt (kg)
AF0618/00-6	AF0618/00	WATERBORNE SELF-SEALER BICOMPONENT EFFECT NATURAL 3 GLOSS	66.53	0.63	6.52	34.00	1.04	5.77	5.98	0.04	0.20
AF7210/00-25	AF7210/00	HYDRO WATERBORNE SELF-SEALER FOR INTERIORS 10 GLOSS	63.83	3.20	33.40	341.80	1.04	150.00	156.45	5.01	51.27
BUTACE025	R6K18	N-BUTYL ACETATE 25 LITRES	0.00	100.00	875.93	0.00	0.88	350.00	306.57	306.58	0.00
DP0022/00-5	DP0022/00	DP22/00 THINNERS FOR POLYESTER 5L	0.00	100.00	816.49	0.00	0.82	5.00	4.08	4.08	0.00
DT1150/00-25	DT1150/00	DT1150 STANDARD PU THINNER CLEAR 25 LITRES	0.00	100.00	850.42	0.00	0.85	4675.00	3975.62	3975.71	0.00
DT1150/00-5	DT1150/00	DT1150 STANDARD PU THINNER CLEAR 5 LITRES	0.00	100.00	850.42	0.00	0.85	25.00	21.26	21.26	0.00
DX1131/00-25	DX1131/00	THINNER FAST	0.00	100.00	789.75	0.00	0.79	4125.00	3257.51	3257.72	0.00
PH0333/00-0,5	PH0333/00	HARDENER FOR POLYESTERS	0.00	15.00	161.34	914.20	1.08	0.46	0.49	0.07	0.42
PH0888/00-1	PH0888/00	ACTIVATOR FOR POLYESTERS FAST	0.00	85.40	788.81	134.80	0.92	1.09	1.01	0.86	0.15
SU0340/13-20	SU0340/13	WHITE PRE CAT PRIMER	0.00	46.59	580.92	666.00	1.25	940.00	1172.09	546.06	626.04
SZ99DA10-05233760-0.5LT	SZ99DA10-05233760	L5233 NC MATT TOPCOAT CHARCOAL 500ML	0.00	64.78	655.07	356.10	1.01	15.00	15.17	9.83	5.34
SZ99DA10-06789760-0.5LT	SZ99DA10-06789760	NC MATT TOPCOAT 10 % SHEEN SEAL GREY 500ML	0.00	61.25	650.70	411.60	1.06	50.00	53.12	32.54	20.58
SZ99DG10-11445760-0.5LT	SZ99DG10-11445760	11445 NC MATT TOPCOAT 10% SHEEN BALTIC GREEN TO MATCH 10007 500ML	0.00	77.19	683.68	216.90	0.90	5.00	4.50	3.42	1.08
SZ99DL10-06792760-0.5LT	SZ99DL10-06792760	NC MATT TOPCOAT 10 % SHEEN OLD NAVY 500ML	0.00	61.75	653.25	404.60	1.06	15.00	15.87	9.80	6.07
SZ99DL10-10583760-0.5LT	SZ99DL10-10583760	NC MATT TOPCOAT 10 % SHEEN HAGUE BLUE MATCH TO L7871 500ML	0.00	64.68	646.69	353.20	1.00	25.00	25.00	16.17	8.83
SZ99LA10-05232760-0.5LT	SZ99LA10-05232760	L5232 SOFT GREY NC TOUCH UP 500ML	0.00	49.94	590.22	591.60	1.18	70.00	82.73	41.32	41.41
SZ99LA10-05850760-0.5LT	SZ99LA10-05850760	NC MATT TOPCOAT 10 % SHEEN ALABASTER 500ML	0.00	48.53	584.47	619.80	1.20	20.00	24.09	11.69	12.40
SZ99LA10-05853760-0.5LT	SZ99LA10-05853760	SZ99 PIGMENTED NITROCELLULOSE TOPCOATS, LIGHT GRAY	0.00	50.46	590.61	579.80	1.17	10.00	11.70	5.91	5.80



SZ99LA10-06575760-0.5LT	SZ99LA10-06575760	SZ99 PIGMENTED NITROCELLULOSE TOPCOATS, LIGHT GRAY	0.00	49.09	587.02	608.70	1.20	20.00	23.91	11.74	12.17
SZ99LA10-06790760-0.5LT	SZ99LA10-06790760	SZ99 PIGMENTED NITROCELLULOSE TOPCOATS, LIGHT GRAY	0.00	50.61	591.99	577.60	1.17	10.00	11.70	5.92	5.78
SZ99LG10-05851760-0.5LT	SZ99LG10-05851760	SZ99 PIGMENTED NITROCELLULOSE TOPCOATS, LIGHT GREEN	0.00	50.98	595.11	572.20	1.17	5.00	5.84	2.98	2.86
SZ99LG10-06794760-0.5LT	SZ99LG10-06794760	NC MATT TOPCOAT 10 % SHEEN SOFT MOSS 500ML	0.00	49.36	586.17	601.40	1.19	10.00	11.88	5.86	6.01
SZ99LH10-02975760-0.5LT	SZ99LH10-02975760	NC MATT TOPCOAT 10 % SHEEN OYSTER 500 ML	0.00	51.16	596.52	569.40	1.17	15.00	17.49	8.95	8.54
SZ99LH10-03618760-0.5LT	SZ99LH10-03618760	NC MATT TOPCOAT 10 % SHEEN BONE 500 MLS	0.00	51.22	597.00	568.40	1.17	25.00	29.14	14.93	14.21
SZ99LL10-11004760-0.5LT	SZ99LL10-11004760	SZ99 PIGMENTED NITROCELLULOSE TOPCOATS, LIGHT BLUE	0.00	63.36	661.71	382.60	1.04	5.00	5.22	3.31	1.91
SZ99LW10-03619760-0.5LT	SZ99LW10-03619760	L3619 CHALK NC TOUCH UP 500ML	0.00	51.17	596.73	569.30	1.17	15.00	17.49	8.95	8.54
SZ99LW10-06795760-0.5LT	SZ99LW10-06795760	SZ99 PIGMENTED NITROCELLULOSE TOPCOATS, LIGHT WHITE	0.00	51.25	597.21	568.00	1.17	10.00	11.65	5.97	5.68
SZ99MA10-06791760-0.5LT	SZ99MA10-06791760	SZ99 PIGMENTED NITROCELLULOSE TOPCOATS, MEDIUM GRAY	0.00	63.87	672.47	380.30	1.05	15.00	15.79	10.09	5.70
SZ99MA10-07750760-0.5LT	SZ99MA10-07750760	SZ99 PIGMENTED NITROCELLULOSE TOPCOATS, MEDIUM GRAY	0.00	61.83	667.03	411.80	1.08	5.00	5.39	3.34	2.06
SZ99MA10-11067760-0.5LT	SZ99MA10-11067760	SZ99 PIGMENTED NITROCELLULOSE TOPCOATS, MEDIUM GRAY	0.00	63.08	667.61	390.60	1.06	5.00	5.29	3.34	1.95
SZ99MH10-10452760-0.5LT	SZ99MH10-10452760	SZ99 PIGMENTED NITROCELLULOSE TOPCOATS, MEDIUM BEIGE, BUFF, IVORY	0.00	55.77	641.29	508.50	1.15	5.00	5.75	3.21	2.54
SZ99ML10-10584760-0.5LT	SZ99ML10-10584760	SZ99 PIGMENTED NITROCELLULOSE TOPCOATS, MEDIUM BLUE	0.00	60.24	648.79	428.20	1.08	10.00	10.77	6.49	4.28
SZ99MN10-03623760-0.5LT	SZ99MN10-03623760	L3623 MATT NC TOUCHUP PUTTY 500ML	0.00	47.00	577.02	650.50	1.23	60.00	73.65	34.62	39.03
TH0720/00-12,5	TH0720/00	PU HARDENER NON YELLOWING - FOR MATT TOPCOATS AROMATICS FREE	0.00	74.71	702.56	237.80	0.94	2275.00	2139.18	1598.32	541.00

TH0720/00-3	TH0720/00	PU HARDENER NON YELLOWING - FOR MATT TOPCOATS AROMATICS FREE	0.00	74.71	702.56	237.80	0.94	51.00	47.96	35.83	12.13
TH0790/00-1,2	TH0790/00	PU HARDENER NON YELLOWING	0.00	64.00	600.52	337.70	0.94	79.20	74.31	47.56	26.75
TH2580/00-5	TH2580/00	PU HARDENER FOR MELAMINE PAPERS	0.00	79.28	766.72	200.30	0.97	5.00	4.84	3.83	1.00
THL3355/00-5	THL3355/00	POLYISOCYANATE HARDENER FOR POLYURETHANE COATINGS	0.00	81.10	722.16	168.20	0.89	1250.00	1113.00	902.70	210.25
TU0035/13-20	TU0035/13	BASECOAT ACRYLIC PIGMENTED , WHITE	0.00	47.35	603.18	670.60	1.27	800.00	1019.04	482.54	536.48
TU6110/00-6	TU6110/00	PU SELF-SEALER TRANSPARENT MATT	0.00	56.92	561.73	425.20	0.99	48.00	47.37	26.96	20.41
TUL3535/13-20	TUL3535/13	ACRYLIC BASECOAT PIGMENTED WHITE	0.00	47.32	603.08	671.20	1.27	4160.00	5301.09	2508.81	2792.19
TZ7005/00-6	TZ7005/00	ACRYLIC PU TOPCOAT NON YELLOWING - TRANSPARENT, 5 GLOSS	0.00	73.18	673.47	246.70	0.92	420.00	386.48	282.86	103.61
TZ99DA10-05039760-5LT	TZ99DA10-05039760	L5039 MATT PU TOPCOAT CHARCOAL TZ9910 5L	0.00	46.01	493.38	579.00	1.07	875.00	938.26	431.71	506.63
TZ99DA10-07690760-5LT	TZ99DA10-07690760	L7690 MATT PU TOPCOAT ANTHRACITE TZ9910 5L	0.00	42.53	475.10	641.90	1.12	75.00	83.78	35.63	48.14
TZ99DH10-03081760-5KG	TZ99DH10-03081760	L3081 MATT PU TOPCOAT HESSIAN TZ9910 5KG	0.00	33.97	455.41	885.20	1.34	3.69	4.95	1.68	3.27
TZ99DL05-07871760-5LT	TZ99DL05-07871760	L7871 MATT PU TOPCOAT PRUSSIAN BLUE TZ9905 5L	0.00	46.18	492.07	573.40	1.07	925.00	985.59	455.16	530.40
TZ99DL10-06538760-5KG	TZ99DL10-06538760	L6538 PU TOPCOAT OLD NAVY TZ9910 5KG	0.00	43.28	490.96	643.50	1.13	421.00	477.62	206.69	270.91
TZ99LA10-02931760-25KG	TZ99LA10-02931760	TZ99 COLOR MAT PU PIGMENTED, LIGHT GRAY	0.00	34.00	454.58	882.50	1.34	18.50	24.74	8.41	16.33
TZ99LA10-02931760-5KG	TZ99LA10-02931760	L2931 MATT PU TOPCOAT GRAVEL TZ9910 5KG	0.00	33.98	454.49	882.90	1.34	277.33	370.90	126.04	244.85
TZ99LA10-03988760-5LT	TZ99LA10-03988760	MATT PU TOPCOAT 10% SHEEN WILLOW 5L	0.00	33.83	453.88	887.80	1.34	50.00	67.09	22.69	44.39
TZ99LA10-05761760-5KG	TZ99LA10-05761760	L5761 MATT PU TOPCOAT LEAD TZ9910 5KG	0.00	33.70	452.78	890.80	1.34	332.18	446.32	150.40	295.91
TZ99LA10-06406760-5KG	TZ99LA10-06406760	L6406 BURBIDGE LIGHT GREY PU TOPCOAT TZ9910 5KG	0.00	33.96	456.12	887.00	1.34	18.20	24.45	8.30	16.14
TZ99LA10-06574760-5KG	TZ99LA10-06574760	L6574 PALE SMOKE TZ9910 5KG	0.00	33.92	456.03	888.20	1.34	572.32	769.31	261.00	508.33
TZ99LA10-07187760-5KG	TZ99LA10-07187760	TZ99 COLOR MAT PU PIGMENTED, LIGHT GRAY	0.00	33.60	454.43	898.10	1.35	36.72	49.67	16.69	32.98
TZ99LG10-01437760-5LT	TZ99LG10-01437760	L1437A PU TOCOAT CORNFLOWER TZ9910 5L	0.00	34.17	456.08	878.70	1.33	280.00	373.74	127.70	246.04
TZ99LG10-05758760-5KG	TZ99LG10-05758760	L5758 GOOSEBERRY PU TOPCOAT TZ9910 5KG	0.00	34.18	456.90	879.90	1.34	295.99	395.68	135.24	260.44
TZ99LG10-11496760-5KG	TZ99LG10-11496760	TZ99 COLOR MAT PU PIGMENTED, LIGHT GREEN	0.00	34.17	456.59	879.50	1.34	18.50	24.72	8.45	16.27

TZ99LH10-02766760-5KG	TZ99LH10-02766760	L2766 OYSTER PU TOPCOAT TZ9910 5KG	0.00	34.26	457.91	878.50	1.34	370.00	494.47	169.43	325.05
TZ99LH10-03370760-5KG	TZ99LH10-03370760	L3370 BONE MATT PU TZ9910 5KG	0.00	34.29	458.18	877.90	1.34	777.14	1038.34	356.07	682.25
TZ99LH10-05493760-5KG	TZ99LH10-05493760	L5493 MATT PU TOPCOAT CASHMERE TZ9910 5KG	0.00	33.68	454.36	894.70	1.35	256.54	346.07	116.56	229.53
TZ99LH10-05756760-5KG	TZ99LH10-05756760	TZ99 COLOR MAT PU PIGMENTED, LIGHT BEIGE, BUFF, IVORY	0.00	33.90	455.86	888.90	1.34	18.43	24.78	8.40	16.38
TZ99LL10-06495760-5KG	TZ99LL10-06495760	L6495 MATT PU TOPCOAT BLUE GRAY TZ9910 5KG	0.00	33.97	454.65	883.60	1.34	350.73	469.35	159.46	309.91
TZ99LW10-03369760-5KG	TZ99LW10-03369760	L3369 CHALK PU TOPCOAT TZ9910 5KG	0.00	34.25	457.94	878.90	1.34	369.80	494.39	169.35	325.02
TZ99LW10-06598760-5KG	TZ99LW10-06598760	L6598 PU TOPCOAT MALMO WHITE TZ9910 5KG	0.00	34.30	458.33	877.70	1.34	370.06	494.40	169.61	324.80
TZ99MA10-05620760-5LT	TZ99MA10-05620760	L5620 MARR PU TOPCOAT MOLES BREATH TZ9910 5L	0.00	40.24	484.87	720.10	1.21	350.00	421.75	169.70	252.04
TZ99MA10-07397760-5LT	TZ99MA10-07397760	L7397 MATT PU TOPCOAT FJORD LIGHT GREY TZ9910 5L	0.00	34.02	453.18	879.00	1.33	200.00	266.44	90.64	175.80
TZ99MA10-07670760-5LT	TZ99MA10-07670760	L7670 THYME TZ9910 5L	0.00	41.68	489.84	685.40	1.18	275.00	323.18	134.71	188.49
TZ99MH10-07157760-5LT	TZ99MH10-07157760	TZ99 - PIGMENTED POLYURETHANE TOPCOAT, MEDIUM BEIGE, BUFF, IVORY	0.00	41.86	494.66	686.90	1.18	175.00	206.78	86.57	120.21
TZ99ML10-07189760-5LT	TZ99ML10-07189760	L7189 MATT PU TOPCOAT 10% PALE NAVY TZ9910 5KG	0.00	42.94	490.32	651.50	1.14	400.00	456.72	196.13	260.60
TZ99ML10-10007760-5LT	TZ99ML10-10007760	BALTIC GREEN PU TOPCOAT BURBIDGE	0.00	43.32	492.21	644.00	1.14	450.00	511.29	221.49	289.80
TZ99MN10-06537760-5LT	TZ99MN10-06537760	L6537 MATT PU TOPCOAT WARM PEWTER TZ9910 5L	0.00	33.68	451.73	889.50	1.34	125.00	167.65	56.47	111.19
WM1629-0005-20L	WM1629-0005	AQUALIGHT CLEAR 5	58.28	5.34	55.86	380.30	1.05	152.80	159.86	8.54	58.11
								28630.45	30429.72	<b>18376</b>	<b>11855</b>
								Litres	Kg	<b>Total VOC</b>	<b>Total Solids</b>

Red Industries – paint waste collection



## Safetykleen UK Ltd. VOC Report

VOC Report for: **Burbidge & Son Limited**

Between Dates: 01-01-2020 and 31-12-2020

Date	Work Order	Rep Number	Product Name	Quantity	VOC In	VOC Out
21/01/2020	1238980	2604	Clean Standard Thinners - 25 Lt / 25 Drum	1	21.25	0.00
			T - Waste Thinners in 25Ltr Drum	1	0.00	19.98
17/02/2020	1277055	2604	Clean Standard Thinners - 25 Lt / 25 Drum	1	21.25	0.00
			T - Waste Thinners in 25Ltr Drum	1	0.00	19.98
17/03/2020	1321199	2604	Clean Standard Thinners - 25 Lt / 25 Drum	1	21.25	0.00
			T - Waste Thinners in 25Ltr Drum	1	0.00	19.98
15/05/2020	1405489	756	Clean Standard Thinners - 25 Lt / 25 Drum	1	21.25	0.00
			T - Waste Thinners in 25Ltr Drum	1	0.00	19.98
10/06/2020	1443289	756	Clean Standard Thinners - 25 Lt / 25 Drum	1	21.25	0.00
			T - Waste Thinners in 25Ltr Drum	1	0.00	19.98
10/07/2020	1482187	4253	Clean Standard Thinners - 25 Lt / 25 Drum	1	21.25	0.00
			T - Waste Thinners in 25Ltr Drum	1	0.00	19.98
06/08/2020	1523961	756	Clean Standard Thinners - 25 Lt / 25 Drum	1	21.25	0.00

			T - Waste Thinners in 25Ltr Drum	1	0.00	19.98
28/08/2020	1565897	4185	Clean Standard Thinners - 25 Lt / 25 Drum	1	21.25	0.00
			T - Waste Thinners in 25Ltr Drum	1	0.00	19.98
28/09/2020	1609268	3663	Clean Standard Thinners - 25 Lt / 25 Drum	1	21.25	0.00
			T - Waste Thinners in 25Ltr Drum	1	0.00	19.98
26/10/2020	1651365	3663	Clean Standard Thinners - 25 Lt / 25 Drum	1	21.25	0.00
			T - Waste Thinners in 25Ltr Drum	1	0.00	19.98
26/11/2020	1694977	4021	Clean Standard Thinners - 25 Lt / 25 Drum	1	21.25	0.00

Date	Work Order	Rep Number	Product Name	Quantity	VOC In	VOC Out
26/11/2020	1694977	4021	T - Waste Thinners in 25Ltr Drum	1	0.00	19.98
<b>Account VOC Total In/Out</b>					<b>233.75</b>	<b>219.78</b>
<b>Account Net VOC</b>					<b>13.97</b>	
<b>Report VOC Total In/Out</b>					<b>233.75</b>	<b>219.78</b>
<b>Report Net VOC</b>					<b>13.97</b>	

Intercoat

ReferenceNumber	CollectionDate	PremisesCode	NoteCode	CollectionSiteName	CollectionPostCode	SequenceNumber	EWCCode	WasteStream	PhysicalForm	Quantity	Size	Units	Container	LineWeightinKgs
208106	09-Dec-20	BURBID	BURBID/Q019C	Burbridge and Son Ltd	CV6 5GJ	1	140603	PVC Paint Acrylic Acetone thinners (Sludge)	SL	4	205	Litre	Drum	954
208106	09-Dec-20	BURBID	BURBID/Q019C	Burbridge and Son Ltd	CV6 5GJ	2		Supplied item	S		205	Litre	Drum (C/T) Metal	
207049	25-Nov-20	BURBID	BURBID/Q018C	Burbridge and Son Ltd	CV6 5GJ	1	140603	PVC Paint Acrylic Acetone thinners (Sludge)	SL	4	205	Litre	Drum	950
207049	25-Nov-20	BURBID	BURBID/Q018C	Burbridge and Son Ltd	CV6 5GJ	2		Supplied item	S		205	Litre	Drum (C/T) Metal	
206102	11-Nov-20	BURBID	BURBID/Q017C	Burbridge and Son Ltd	CV6 5GJ	1	140603	PVC Paint Acrylic Acetone thinners (Sludge)	SL	4	205	Litre	Drum	950
206102	11-Nov-20	BURBID	BURBID/Q017C	Burbridge and Son Ltd	CV6 5GJ	2		Supplied item	S		205	Litre	Drum (C/T) Metal	
205191	29-Oct-20	BURBID	BURBID/Q016C	Burbridge and Son Ltd	CV6 5GJ	1	140603	PVC Paint Acrylic Acetone thinners (Sludge)	SL	4	205	Litre	Drum	840

205191	29-Oct-20	BURBID	BURBID/Q 016C	Burbridge and Son Ltd	CV6 5GJ	2		Supplied item	S		20 5	Litr e	Drum (C/T) Metal	
204359	14-Oct-20	BURBID	BURBID/Q 015C	Burbridge and Son Ltd	CV6 5GJ	1	140603	PVC Paint Acrylic Acetone thinners (Sludge)	SL	8	20 5	Litr e	Drum	1820
204359	14-Oct-20	BURBID	BURBID/Q 015C	Burbridge and Son Ltd	CV6 5GJ	2		Supplied item	S		20 5	Litr e	Drum (C/T) Metal	
203565	30-Sep-20	BURBID	BURBID/Q 014C	Burbridge and Son Ltd	CV6 5GJ	1	140603	PVC Paint Acrylic Acetone thinners (Sludge)	SL	4	20 5	Litr e	Drum	910
203565	30-Sep-20	BURBID	BURBID/Q 014C	Burbridge and Son Ltd	CV6 5GJ	2		Supplied item	S		20 5	Litr e	Drum (C/T) Metal	
202669	16-Sep-20	BURBID	BURBID/Q 013C	Burbridge and Son Ltd	CV6 5GJ	1	140603	PVC Paint Acrylic Acetone thinners (Sludge)	SL	4	20 5	Litr e	Drum	920
202669	16-Sep-20	BURBID	BURBID/Q 013C	Burbridge and Son Ltd	CV6 5GJ	2		Supplied item	S		20 5	Litr e	Drum (C/T) Metal	
201610	02-Sep-20	BURBID	BURBID/Q 012C	Burbridge and Son Ltd	CV6 5GJ	1	140603	PVC Paint Acrylic Acetone thinners (Sludge)	SL	4	20 5	Litr e	Drum	920

201610	02-Sep-20	BURBID	BURBID/Q 012C	Burbridge and Son Ltd	CV6 5GJ	2		Supplied item	S		20 5	Litr e	Drum (C/T) Metal	
200726	19-Aug-20	BURBID	BURBID/Q 005C	Burbridge and Son Ltd	CV6 5GJ	1	140603	PVC Paint Acrylic Acetone thinners (Sludge)	SL	4	20 5	Litr e	Drum	960
200726	19-Aug-20	BURBID	BURBID/Q 005C	Burbridge and Son Ltd	CV6 5GJ	2		Supplied item	S		20 5	Litr e	Drum (C/T) Metal	
200102	05-Aug-20	BURBID	BURBID/Q 004C	Burbridge and Son Ltd	CV6 5GJ	1	140603	PVC Paint Acrylic Acetone thinners (Sludge)	SL	4	20 5	Litr e	Drum	960
200102	05-Aug-20	BURBID	BURBID/Q 004C	Burbridge and Son Ltd	CV6 5GJ	2		Supplied item	S		20 5	Litr e	Drum (C/T) Metal	
199379	22-Jul-20	BURBID	BURBID/Q 003C	Burbridge and Son Ltd	CV6 5GJ	1	140603	PVC Paint Acrylic Acetone thinners (Sludge)	SL	2	20 5	Litr e	Drum	469
199379	22-Jul-20	BURBID	BURBID/Q 003C	Burbridge and Son Ltd	CV6 5GJ	2		Supplied item	S		20 5	Litr e	Drum (C/T) Metal	
198613	16-Jul-20	BURBID	BURBID/Q 002C	Burbridge and Son Ltd	CV6 5GJ	1	140603	PVC Paint Acrylic Acetone thinners (Sludge)	SL	4	20 5	Litr e	Drum	960



198613	16-Jul-20	BURBID	BURBID/Q 002C	Burbridge and Son Ltd	CV6 5GJ	2		Supplied item	S		20 5	Litr e	Drum (C/T) Metal	
193524	08-Jul-20	BURBID	BURBID/Q 001C	Burbridge and Son Ltd	CV6 5GJ	1	140603	PVC Paint Acrylic Acetone thinners (Sludge)	SL	4	20 5	Litr e	Drum	950
193524	08-Jul-20	BURBID	BURBID/Q 001C	Burbridge and Son Ltd	CV6 5GJ	2		Supplied item	S		20 5	Litr e	Drum (C/T) Metal	
193386	24-Jun-20	BURBRI	BURBRI/Q 066C	Burbridge and Son Ltd	CV6 5GJ	1	140603	PVC Paint Acrylic Acetone thinners (Sludge)	SL	6	20 5	Litr e	Drum	1380
193386	24-Jun-20	BURBRI	BURBRI/Q 066C	Burbridge and Son Ltd	CV6 5GJ	2		Supplied item	S	2	20 5	Litr e	Drum (C/T) Metal	
192933	18-Mar-20	BURBRI	BURBRI/Q 065C	Burbridge and Son Ltd	CV6 5GJ	1	140603	PVC Paint Acrylic Acetone thinners (Sludge)	SL	2	20 5	Litr e	Drum	460
192933	18-Mar-20	BURBRI	BURBRI/Q 065C	Burbridge and Son Ltd	CV6 5GJ	2		Supplied item	S		20 5	Litr e	Drum (C/T) Metal	
192529	11-Mar-20	BURBRI	BURBRI/Q 064C	Burbridge and Son Ltd	CV6 5GJ	1	140603	PVC Paint Acrylic Acetone thinners (Sludge)	SL	3	20 5	Litr e	Drum	660

192529	11-Mar-20	BURBRI	BURBRI/Q 064C	Burbridge and Son Ltd	CV6 5GJ	2		Supplied item	S		20 5	Litr e	Drum (C/T) Metal	615
191967	04-Mar-20	BURBRI	BURBRI/Q 063C	Burbridge and Son Ltd	CV6 5GJ	1	140603	PVC Paint Acrylic Acetone thinners (Sludge)	SL	3	20 5	Litr e	Drum	700
191967	04-Mar-20	BURBRI	BURBRI/Q 063C	Burbridge and Son Ltd	CV6 5GJ	2		Supplied item	S		20 5	Litr e	Drum (C/T) Metal	
191509	27-Feb-20	BURBRI	BURBRI/Q 062C	Burbridge and Son Ltd	CV6 5GJ	1	140603	PVC Paint Acrylic Acetone thinners (Sludge)	SL	3	20 5	Litr e	Drum	690
191509	27-Feb-20	BURBRI	BURBRI/Q 062C	Burbridge and Son Ltd	CV6 5GJ	2		Supplied item	S		20 5	Litr e	Drum (C/T) Metal	
190984	19-Feb-20	BURBRI	BURBRI/Q 061C	Burbridge and Son Ltd	CV6 5GJ	1	140603	PVC Paint Acrylic Acetone thinners (Sludge)	SL	3	20 5	Litr e	Drum	698
190984	19-Feb-20	BURBRI	BURBRI/Q 061C	Burbridge and Son Ltd	CV6 5GJ	3		Supplied item	S		20 5	Litr e	Drum (C/T) Metal	
190590	12-Feb-20	BURBRI	BURBRI/Q 060C	Burbridge and Son Ltd	CV6 5GJ	1	140603	PVC Paint Acrylic Acetone thinners (Sludge)	SL	4	20 5	Litr e	Drum	874

190590	12-Feb-20	BURBRI	BURBRI/Q 060C	Burbridge and Son Ltd	CV6 5GJ	3		Supplied item	S		20 5	Litr e	Drum (C/T) Metal	
190036	05-Feb-20	BURBRI	BURBRI/Q 059C	Burbridge and Son Ltd	CV6 5GJ	1	140603	PVC Paint Acrylic Acetone thinners (Sludge)	SL	2	20 5	Litr e	Drum	470
190036	05-Feb-20	BURBRI	BURBRI/Q 059C	Burbridge and Son Ltd	CV6 5GJ	3		Supplied item	S		20 5	Litr e	Drum (C/T) Metal	
189634	30-Jan-20	BURBRI	BURBRI/Q 058C	Burbridge and Son Ltd	CV6 5GJ	1	140603	PVC Paint Acrylic Acetone thinners (Sludge)	SL	2	20 5	Litr e	Drum	480
189634	30-Jan-20	BURBRI	BURBRI/Q 058C	Burbridge and Son Ltd	CV6 5GJ	3		Supplied item	S		20 5	Litr e	Drum (C/T) Metal	
189102	22-Jan-20	BURBRI	BURBRI/Q 057C	Burbridge and Son Ltd	CV6 5GJ	1	140603	PVC Paint Acrylic Acetone thinners (Sludge)	SL	2	20 5	Litr e	Drum	510
189102	22-Jan-20	BURBRI	BURBRI/Q 057C	Burbridge and Son Ltd	CV6 5GJ	3		Supplied item	S		20 5	Litr e	Drum (C/T) Metal	
188694	15-Jan-20	BURBRI	BURBRI/Q 056C	Burbridge and Son Ltd	CV6 5GJ	1	140603	PVC Paint Acrylic Acetone thinners (Sludge)	SL	2	20 5	Litr e	Drum	460

188694	15-Jan-20	BURBRI	BURBRI/Q 056C	Burbridge and Son Ltd	CV6 5GJ	3		Supplied item	S		20 5	Litr e	Drum (C/T) Metal	
188190	08-Jan-20	BURBRI	BURBRI/Q 055C	Burbridge and Son Ltd	CV6 5GJ	1	140603	PVC Paint Acrylic Acetone thinners (Sludge)	SL	3	20 5	Litr e	Drum	700
188190	08-Jan-20	BURBRI	BURBRI/Q 055C	Burbridge and Son Ltd	CV6 5GJ	3		Supplied item	S		20 5	Litr e	Drum (C/T) Metal	
										91				
									91 x 205 litres		18,655 litres			
									490 g/l VOC		<b>9,141</b> kg VOC			
									same VOC content as Intercoat provided when collecting					

Intercoat	
Stock code; 31608/25/CDE	Standard thinners
Specific Gravity	0.86
VOC g/l	846.70
Litres supplied	1,050.00
Solvent content	889.04 kg