10/2/06

Solvent Useage

Acetone Usage 2005

	PURCHASED	
Date Received	Quantity	Litres
07.03.2005	60	80 wipes
17.06.2005	60	80 wipes
01.08.2005	4	20
04.08.2005	8	40
26.08.2005	4	20
01.09.2005	8	40
16.09.2005	4	20
23/09/2005	8	40
07/10/2005	8	40
26/10/2005	8	40
01/11/2005	8	40
15/11/2005	8	40
21/11/2005	8	40
02/12/2005	8	40
12/12/2005	8	40
05/01/2006	8	40
17/01/2006	8	40
		0
		0
		0
		0
		0
		0
		0
		0
		0
		0
		0
		0
Total	108	460

Total Acetone Litres	Total solvent (Kg)
460	440.68

Total Tonnage 0.44068

Adhesive Usage 2005

	PURCHASED	
Date Received	Quantity	Litres
20.12.2004	20x 0.38 cartridges	7.6
05.01.2005	1	200
17.02.2005	1	200
16.05.2005	2	400
02.06.2005	1	200
25.07.2005	1	200
22.08.2005	1	200
09.09.2005	1	200
26.09.2005	1	200
		0
		0
		0
		0
		0
		0
		0
		0
		0
		0
		0
		0
		0
		0
		0
		0
		0
		0
		0
		0
		0
Total	9	1807.6

Total Adhesive Liters	Total solvent (Kg)
1807.6	1731.6808

Total Tonnage 1.7316808

Activator Usage 2005

	PURCHASED	
Date Received	Quantity	Litres
05.01.2005	1	20
17.02.2005	1	20
16.05.2005	2	40
02.06.2005	1	20
25.07.2005	1	20
22.08.2005	1	20
09.09.2005	1	20
26.09.2005	1	20
		0
		0
		0
		0
		0
		0
		0
		0
		0
		0
		0
		0
		0
		0
		0
		0
		0
		0
		0
		0
		0
		0
Total	9	180

Total Activator Litres	Total solvent (Kg)
180	172.44

Total Tonnage 0.17244

Wonder Wipes

	PURCHASED	
Date Received	Quantity	Weight (Kg)
	50	15
	50	15
		0
		0
		0
		0
		0
		0
		0
		0
		0
		0
		0
		0
		0
		0
		0
		0
		0
		0
		0
		0
		0
		0
		0
		0
		0
		0
		0
		0
		0
		0
Total	100	30

Total solvent (Kg)
30

Total Tonnage 0.03

10/2/06

Solvent Consumption per Door Slab

Product	*Information*	*Calculation*	% Solvent	% Solids	Usage per door(Kgs)	Solvent used per door (Kgs)	Solids Used per door (Kgs)
Adhesive + Activator	*300ml of glue per door*	*300ml = 10.14 ounces or 0.28 Kg*	0	100	0.28	0	0.28
Acetone Cleaner	*5 litres of Aceton = 100 door slabs. 1 Litre = 0.958Kg*	*5 * 0.958 = 4.79Kg/100*	100	0	0.0479	0.0479	0
Citrus Wipes	*1 wipe per door. Each wipe weighs 3g*	*3g*	30	70	0.003	0.0009	0.0021
Total Solvent Usage (Kgs)					**0.3309**	**0.0488**	**0.2821**

Qty door's we can Manufacture week before we hit 5 tonne solvent limit	**2135**

	Production	Acentone Usage (kg)	Citrus Wipes(kg)	Usage per door	**Qty door's we can Manufacture week before we hit 5 tonne solvent limit**
Total 2005	8756	440.68	7.8804	0.051228917	2033.356786
2005 since use of acetone introduced (1/8/05)	5899	440.68	5.3091	0.075604187	1377.789652

Acetone Usage 2007		
PURCHASED (100% solvent)		
Date Received	Quantity	Litres
22.01.07	12	60
07.02.07	12	60
14.03.07	12	60
26.04.07	12	60
21.05.07	12	60
02.07.07	12	60
23.07.07	12	60
23.08.07	12	60
20.09.07	12	60
29.10.07	12	60
09.11.07	12	60
28.11.07	12	60
19.12.07	12	60
Total	156	780

Total Acetone	
Litres	Kg
780	747.24

Total Tonnage	0.74724

Adhesive Usage 2007		
PURCHASED (45% average solvent)		
Date Received	Quantity	Litres
05.01.07	1	200
19.01.07	1	200
26.01.07	1	200
02.02.07	1	200
09.02.07	1	200
19.02.07	1	200
23.02.07	1	200
08.03.17	1	200
15.03.07	1	200
22.03.07	1	200
19.04.07	1	200
26.04.07	1	200
03.05.07	1	200
06.07.07	1	200
16.07.07	1	200
17.07.07	1	200
20.07.07	1	200
27.07.07	1	200
24.08.07	1	200
30.08.07	1	200
14.09.07	1	200
28.09.07	1	200
26.10.07	1	200
31.10.07	1	200
16.11.07	1	200
23.11.07	1	200
14.12.07	1	200
Total	27	5400

Total Adhesive	
Litres	Kg
5400	5173.2

Total Tonnage	5.1732

Activator Usage 2007		
PURCHASED (0% solvent)		
Date Received	Quantity	Litres
05.01.07	2	40
19.01.07	2	40
26.01.07	1	20
02.02.07	2	40
09.02.07	1	20
19.02.07	2	40
23.02.07	1	20
08.03.07	1	20
15.03.07	1	20
22.03.07	1	20
26.04.07	1	20
03.05.07	1	20
06.07.07	2	40
16.07.07	1	20
17.07.07	1	20
20.07.07	1	20
27.07.07	1	20
24.08.07	1	20
30.08.07	1	20
14.09.07	1	20
29.09.07	1	20
26.10.07	1	20
31.10.07	1	20
16.11.07	1	20
23.11.07	1	20
14.12.07	1	20
Total	31	620

Total Activator	
Litres	Kg
620	593.96

Total Tonnage	0.59396

Citrus Wipes Usage 2007		
USED (30% solvent)		
Date Received	Quantity	Weight (Kg)
01.01.07-31.12.07	282	0.254
Total	282	0.254

Total Citrus Wipes	
	Kg
	0.254

Total Tonnage	0.000254

Total Solvent Consumption 2007	
INPUTS	Total Tonnage
Acetone (100% solvent)	0.74
Adhesive (45% average solvent)	2.32
Activator (0% solvent)	0.00
Citrus Wipes (30% solvent)	0.000
Total	3.060

The Prime Connection - Solvent Emissions 2008

Acetone Usage 2008 (MIS4012)		
PURCHASED (100% solvent)		
Date Received	Quantity	Litres
17/01/2008	12	60
04/02/2008	12	60
25/02/2008	12	60
17/03/2008	12	60
02/04/2008	12	60
06/05/2008	12	60
02/06/2008	12	60
07/07/2008	12	60
15/08/2008	12	60
10/09/2008	12	60
01/10/2008	12	60
21/10/2008	18	90
26/11/2008	12	60
15/12/2008	12	60
Total	174	870

Total Acetone	
Litres	Kg
870	833.46
Total Tonnage	**0.83346**

Adhesive Usage 2008 (HD0743)		
PURCHASED (45% average solvent)		
Date Received	Quantity	Litres
25/01/2008	1	200
08/02/2008	1	200
15/02/2008	1	200
29/02/2008	1	200
04/02/2008	1	200
07/03/2008	1	200
14/03/2008	1	200
28/03/2008	1	200
11/04/2008	1	200
25/04/2008	1	200
02/05/2008	1	200
16/05/2008	1	200
06/06/2008	1	200
20/06/2008	1	200
15/08/2008	1	200
05/09/2008	1	200
26/09/2008	1	200
11/07/2008	1	200
18/07/2008	1	200
25/07/2008	1	200
22/08/2008	1	200
12/09/2008	1	200
19/09/2008	1	200
03/10/2008	1	200
10/10/2008	1	200
24/10/2008	1	200
07/11/2008	1	200
14/11/2008	1	200
28/11/2008	1	200
05/12/2008	1	200
17/10/2008	1	200
31/10/2008	1	200
15/12/2008	1	200
Total	33	6600

Total Adhesive	
Litres	Kg
6600	6322.8
Total Tonnage	**6.3228**

Activator Usage 2008 (HD0744)		
PURCHASED (0% solvent)		
Date Received	Quantity	Litres
25/01/2008	1	20
08/02/2008	1	20
15/02/2008	1	20
29/02/2008	1	20
07/03/2008	1	20
14/03/2008	1	20
28/03/2008	1	20
11/04/2008	1	20
25/04/2008	1	20
02/05/2008	1	20
16/05/2008	1	20
06/06/2008	2	40
20/06/2008	1	20
25/07/2008	1	20
15/08/2008	1	20
05/09/2008	1	20
26/09/2008	1	20
11/07/2008	1	20
18/07/2008	2	40
22/08/2008	2	40
03/10/2008	1	20
10/10/2008	1	20
24/10/2008	1	20
07/11/2008	1	20
14/11/2008	1	20
28/11/2008	1	20
05/12/2008	1	20
17/10/2008	1	20
31/10/2008	1	20
19/12/2008	1	20
Total	33	660

Total Activator	
Litres	Kg
660	632.28
Total Tonnage	**0.63228**

Wonder Wipes Usage 2008 (MIS415)		
USED (30% solvent)		
Date Received	Quantity	Weight (Kg)
01.01.08-23.12.08	19,600	58.8
Total	19600	58.8

Total Citrus Wipes	
	Kg
	58.8
Total Tonnage	**0.0588**

Total Solvent Consumption 2008		
Material	**% Solvent**	**Total Tonnage**
Acetone	100	0.8335
Adhesive	45	2.8453
Activator	0	0.0000
Wonder Wipes	30	0.0176
Total		**3.696**

Polyol Usage 2005

PURCHASED		
Date Received	Quantity	Weight Kg
02.02.2005	1	1000
22/02/2005	1	1000
20.05.2005	1	1000
27.05.2005	1	1000
07.07.2005	1	1000
15.07.2005	1	1000
22.07.2005	1	1000
10.09.2005	1	1000
23.09.2005	1	1000
07.10.2005	2	2000
21.10.2005	1	1000
04.11.2005	2	2000
22.11.2005	1	1000
25.11.2005	1	1000
02.12.2005	1	1000
16.12.2005	2	2000
		0
		0
		0
		0
		0
		0
		0
		0
		0
		0
		0
		0
		0
Total	19	19000

Total solvent Quantity	Total solvent (Kg)
19	19000

Isocyanate Usage 2005

PURCHASED		
Date Received	Quantity	Weight Kg
02.02.2005	1	1000
22.04.2005	1	1000
20.05.2005	1	1000
22.05.2005	1	1000
27.05.2005	2	2000
07.07.2005	2	2000
15.07.2005	1	1000
22.07.2005	2	2000
22.07.2005	1	1000
07.10.2005	2	2000
21.10.2005	1	1000
31.10.2005	2	2000
04.11.2005	1	1000
23.11.2005	1	1000
25.11.2005	1	1000
02.12.2005	2	2000
16.12.2005	2	2000
		0
		0
		0
		0
		0
		0
		0
		0
		0
		0
		0
		0
		0
Total	24	24000

Total solvent Quantity	Total solvent (Kg)
24	24000

INPUTS	Purchased	Weight (Kg)	
Acetone	92	460	Litres
Isocyanate	24	24000	
Polyol	19	19000	
Adhesive	15	3000	Litres
Activator	15	300	Litres

Polyol Usage 2006

PURCHASED		
Date Received	Quantity	Weight Kg
06.01.2006	2	2000
20.01.2006	4	4000
09.02.2006	2	2000
17.03.2006	2	2000
31.03.2006	2	2000
19.05.2006	1	1000
26.05.2006	1	1000
16.06.2006	1	1000
14.07.2006	1	1000
28.07.2006	1	1000
11.08.2006	1	1000
25.0820.06	1	1000
08.09.2006	1	1000
22.09.2006	1	1000
		0
		0
		0
		0
		0
		0
		0
		0
		0
		0
		0
		0
		0
		0
		0
Total	21	21000

Total solvent Quantity	Total solvent (Kg)
21	21000

Isocyanate Usage 2006

PURCHASED		
Date Received	Quantity	Weight Kg
06.01.2006	3	3000
23.01.2006	3	3000
09.02.2006	3	3000
10.03.2006	1	1000
17.03.2006	2	2000
31.03.2006	3	3000
12.05.2006	1	1000
19.05.2006	1	1000
26.05.2006	1	1000
16.06.2006	1	1000
23.06.2006	1	1000
14.07.2006	2	2000
21.07.2006	1	1000
28.07.2006	1	1000
04.08.2006	1	1000
11.08.2006	1	1000
18.08.2006	1	1000
25.08.2006	1	1000
08.09.2006	1	1000
15.09.2006	1	1000
22.09.2006	1	1000
		0
		0
		0
		0
		0
		0
		0
		0
Total	31	31000

Total solvent Quantity	Total solvent (Kg)
31	31000

INPUTS	Purchased	Weight (Kg)	
Acetone	162	810	Litres
Isocyanate	31	31000	
Polyol	21	21000	
Adhesive	22	4400	Litres
Activator	24	480	Litres

Acetone Usage 2010 (MIS4012)

PURCHASED (100% solvent)

Date Received	Quantity	Litres per tin	Litres
08/01/2010	10	5	50
12/02/2010	10	5	50
19/03/2010	10	5	50
02/04/2010	10	5	50
04/05/2010	10	5	50
11/06/2010	10	5	50
16/06/2010	10	5	50
16/07/2010	10	5	50
06/08/2010	10	5	50
03/09/2010	1	5	5
29/09/2010	10	5	50
12/10/2010	7	5	35
28/10/2010	10	5	50
05/11/2010	10	5	50
25/11/2010	20	5	100
Total	148		740

1.043844

Total Acetone		
Litres		Kg
740		710.4
Total Tonnage		**0.7104**

Adhesive Usage 2010

Adhesive Usage 2010 (HD0743 - MA3940 Adhesive)

PURCHASED (45% average solvent)

Date Received	Quantity	Litres
25/01/2010	2	200
28/03/2010	2	200
15/04/2010	1	200
27/05/2010	1	200
15/07/2010	1	200
21/10/2010	1	200
02/12/2010	1	200
Total	9	1400

Total Adhesive	
Litres	Kg
1400	1344
Total Tonnage	**1.344**

Adhesive Usage 2010 (HD0743X1MA - MA920 Adhesive)

PURCHASED (80% average solvent)

Date Received	Quantity	Litres
15/03/2010	1	200
07/05/2010	2	200
22/07/2010	2	200
31/07/2010	1	200
31/07/2010	1	200
11/11/2010	1	200
29/11/2010	1	200
06/01/2011	1	200
Total	10	1600

Total Adhesive	
Litres	Kg
1600	1536
Total Tonnage	**1.536**

Activator Usage 2010

Activator Usage 2010 (HD0744-99 - 32400 Activator)

PURCHASED (no solvent)

Date Received	Quantity	Litres
25/01/2010	2	20
28/03/2010	2	20
11/03/2010	2	20
15/04/2010	2	20
14/05/2010	2	20
08/07/2010	1	20
02/09/2010	2	20
18/11/2010	1	20
Total	14	160

Total Adhesive-Activator	
Litres	Kg
160	153.6
Total Tonnage	**0.1536**

Activator Usage 2010 (HD0744X1MA - MA420AU Activator)

PURCHASED (no solvent)

Date Received	Quantity	Litres
15/03/2010	1	20
07/05/2010	2	20
08/07/2010	2	20
31/07/2010	1	20
31/07/2010	1	20
31/07/2010	1	20
11/11/2010	1	20
29/11/2010	1	20
06/01/2011	1	20
Total	11	180

Total Adhesive-Activator	
Litres	Kg
180	172.8
Total Tonnage	**0.1728**

Wonder Wipes Usage 2010 (MIS4015)

USED (30% solvent)

Date Received	Qty	UOM	Quantity	Weight (Kg)
19/01/2010	14	100	1,400	33.74
23/02/2010	14	100	1,400	33.74
05/03/2010	14	100	1,400	33.74
23/03/2010	14	100	1,400	33.74
27/04/2010	13	100	1,300	31.33
20/05/2010	14	100	1,400	33.74
21/06/2010	14	100	1,400	33.74
05/07/2010	14	100	1,400	33.74
16/07/2010	14	100	1,400	33.74
09/08/2010	12	100	1,200	28.92
06/09/2010	14	100	1,400	33.74
29/09/2010	14	100	1,400	33.74
11/10/2010	15	100	1,500	36.15
29/10/2010	14	100	1,400	33.74
17/11/2010	10	100	1,000	24.1
11/12/2010	36	100	3,600	86.76
Total	240		24,000	578.40

Total Citrus Wipes	
	Kg
0.1735	578.40
Total Tonnage	**0.5784**

Total Solvent Consumption 2010

Material	% Solvent	Total Tonnage	Total Solvent Tonnage
Acetone	100	0.7104	0.7104
Adhesive (MA3940)	45	1.344	0.6048
Adhesive(MA920)	80	1.536	1.2288
Activator	0	0.3264	0.0000
Wonder Wipes	30	0.5784	0.1735
Total			**2.718**

record of chlor solvents used
↳ check whether any are missing

Acetone Usage 2009 (MIS4012) PURCHASED (100% solvent)		
Date Received	Quantity	Litres
16/01/2009	12	60
30/01/2009	12	60
13/02/2009	12	60
06/05/2009	10	60
01/06/2009	10	60
17/06/2009	10	60
10/07/2009	10	60
03/08/2009	10	60
11/09/2009	10	60
21/10/2009	10	60
04/12/2009	15	60
Total	121	660

Adhesive Usage 2009 (HD0743 - Adhesive) PURCHASED (45% average solvent)		
Date Received	Quantity	Litres
09/01/2009	1	200
23/01/2009	1	200
16/02/2009	1	200
06/03/2009	1	200
13/03/2009	1	200
27/03/2009	1	200
09/04/2009	1	200
20/04/2009	1	200
18/05/2009	1	200
02/06/2009	1	200
28/05/2009	1	200
18/06/2009	1	200
03/07/2009	1	200
31/07/2009	1	200
20/08/2009	1	200
06/08/2009	1	200
25/09/2009	1	200
02/10/2009	1	200
30/10/2009	1	200
23/11/2009	1	200
26/11/2009	1	200
18/12/2009	1	200
Total	22	4400

Activator Usage 2009 (HD0744 - Activator) PURCHASED (no solvent)		
Date Received	Quantity	Litres
09/01/2009	2	200
23/01/2009	1	200
16/02/2009	1	200
06/03/2009	1	200
13/03/2009	2	200
27/03/2009	1	200
08/05/2009	1	200
29/05/2009	1	200
12/06/2009	1	200
18/06/2009	2	200
03/07/2009	1	200
31/07/2009	1	200
20/08/2009	1	200
06/08/2009	1	200
03/09/2009	2	200
30/10/2009	1	200
23/11/2009	1	200
26/11/2009	1	200
18/12/2009	1	200
Total	23	3800

Wonder Wipes Usage 2009 (MIS4015) USED (30% solvent)		
Date Received	Quantity	Weight (Kg)
01.01.09-23.12.09	26,800	80.4
Total	26,800	80.4

1.043844

Total Acetone	
Litres	Kg
660	632.28
Total Tonnage	**0.63228**

Total Adhesive	
Litres	Kg
4400	4215.2
Total Tonnage	**4.2152**

Total Adhesive-Activator	
Litres	Kg
3800	3640.4
Total Tonnage	**3.6404**

Total Citrus Wipes	
	Kg
	80.4
Total Tonnage	**0.0804**

Total Solvent Consumption 2009		
Material	**% Solvent**	**Total Tonnage**
Acetone	100	0.6323
Adhesive	45	1.8968
Activator	0	0.0000
Wonder Wipes	30	0.0241
Total		**2.553**

Acetone Usage 2008 (MIS4012)		
PURCHASED (100% solvent)		
Date Received	Quantity	Litres
17/01/2008	12	60
04/02/2008	12	60
25/02/2008	12	60
17/03/2008	12	60
02/04/2008	12	60
06/05/2008	12	60
02/06/2008	12	60
07/07/2008	12	60
15/08/2008	12	60
10/09/2008	12	60
01/10/2008	12	60
21/10/2008	18	90
26/11/2008	12	60
15/12/2008	12	60
Total	174	870

Total Acetone	
Litres	Kg
870	833.46
Total Tonnag	0.83346

Adhesive Usage 2008 (HD0743)		
PURCHASED (45% average solvent)		
Date Received	Quantity	Litres
25/01/2008	1	200
08/02/2008	1	200
15/02/2008	1	200
29/02/2008	1	200
04/02/2008	1	200
07/03/2008	1	200
14/03/2008	1	200
28/03/2008	1	200
11/04/2008	1	200
25/04/2008	1	200
02/05/2008	1	200
16/05/2008	1	200
06/06/2008	1	200
20/06/2008	1	200
15/08/2008	1	200
05/09/2008	1	200
26/09/2008	1	200
11/07/2008	1	200
18/07/2008	1	200
25/07/2008	1	200
22/08/2008	1	200
12/09/2008	1	200
19/09/2008	1	200
03/10/2008	1	200
10/10/2008	1	200
24/10/2008	1	200
07/11/2008	1	200
14/11/2008	1	200
28/11/2008	1	200
05/12/2008	1	200
17/10/2008	1	200
31/10/2008	1	200
15/12/2008	1	200
Total	33	6600

Total Adhesive	
Litres	Kg
6600	6322.8
Total Tonnage	6.3228

Adhesive Usage 2008 (HD0743)			Wonder Wipes Usage 2008 (MIS415)		
PURCHASED (45% average solvent)			USED (30% solvent)		
Date Received	Quantity	Litres	Date Received	Quantity	Weight (Kg)
25/01/2008	1	200	01.01.08-23.1	19,600	58.8
08/02/2008	1	200			
15/02/2008	1	200			
29/02/2008	1	200			
04/02/2008	1	200			
07/03/2008	1	200			
14/03/2008	1	200			
28/03/2008	1	200			
11/04/2008	1	200			
25/04/2008	1	200			
02/05/2008	1	200			
16/05/2008	1	200			
06/06/2008	1	200			
20/06/2008	1	200			
15/08/2008	1	200			
05/09/2008	1	200			
26/09/2008	1	200			
11/07/2008	1	200			
18/07/2008	1	200			
25/07/2008	1	200			
22/08/2008	1	200			
12/09/2008	1	200			
19/09/2008	1	200			
03/10/2008	1	200			
10/10/2008	1	200			
24/10/2008	1	200			
07/11/2008	1	200			
14/11/2008	1	200			
28/11/2008	1	200			
05/12/2008	1	200			
17/10/2008	1	200			
31/10/2008	1	200			
15/12/2008	1	200			
Total	33	6600	Total	19600	58.8

Total Adhesive	
Litres	Kg
6600	6322.8
Total Tonnage	6.3228

Total Citrus Wipes	
	Kg
	58.8
Total Tonnage	0.0588

Total Solvent Consumption 2008		
Material	% Solvent	Total Tonnage
Acetone	100	0.8335
Adhesive	45	2.8453
Activator	0	0.0000
Wonder Wipes	30	0.0176
Total		3.696