

**COVERAD HEAT TRANSFER LTD
SOLVENT BALANCE 2012**

COATINGS USED IN ACTIVITY

Ref	Type of Product	Description of Use of Product	VOC g/litre of product supplied	Solids g/litre of product supplied	Litres or kg of product used in 12 month period as supplied	Mass of solids used in kg	mass of solvent used in kg	Target Emissions Factor from Table 4 of Guidance Note	Allowable solvent for product in kg under reduction scheme	Solvent balance in kg against allowable solvent under Reduction Scheme
1	ZINC RICH PRIMER BASE	COMPONENTS FOR HIGH TEMPERATURE APPLICATIONS. SOLVENT USE 0.018 TONNES NON-FOOD CONTACT	0.41	2.39	0	0	0	0.37	0	0
2	BLACK / GREY 2 PACK EPOXY PAINT	INTERMEDIATE OR FINISHED COATING OF FINISHED ASSEMBLIES. SOLVENT USE 0.450 TONNES NON-FOOD CONTACT	0.33	0.82	402	329.64	132.66	0.37	121.9668	-10.6932
3	2 PACK EPOXY ACTIVATOR	INTERMEDIATE OR FINISHED COATING OF FINISHED ASSEMBLIES. SOLVENT USE 0.3606 TONNES NON-FOOD CONTACT	0.443	0.707	224	158.368	99.232	0.37	58.59616	-40.63584
5	BLACK SINGLE PACK FINISH	FINISH COATING OF STEEL COMPONENTS. SOLVENT USE 0.022 TONNES NON-FOOD CONTACT	0.544	0.581	0	0	0	0.37	0	0
6	BLACK PRIMER SINGLE PACK	PRIMER / INTERMEDIATE COATING OF STEEL. SOLVENT USE 4.465 TONNES NON-FOOD CONTACT	0.47	0.798	8570	6838.86	4027.9	0.37	2530.3782	-1497.5218
SUB TOTAL										-1548.85084

**COVRAD HEAT TRANSFER LTD
SOLVENT BALANCE 2012**

OTHER SOLVENTS USED IN ACTIVITY E.G. THINNING / CLEANING

Ref	Type of Thinning / Cleaning or Other Solvent Use	Specific Gravity from supplier	Litres used 2012 to date	
1	TRICHLOROETHYLENE VAPOUR DEGREASING OF FABRICATED PARTS	1.46	0	0
2	PERCHLOROETHYLENE	1.625	0	0
3	THINNING OF BLACK PRIMER& TYPE 200 FINISH	0.867	3635	-3151.545
4	THINNING OF INTERZINC PAINT	0.852	0	0
5	GUN CLEANER	0.85	1905	-1619.25
6	THINNERS FOR 2 PACK EPOXY TOP COAT	0.85	205	-174.25

SOLVENTS REMOVED FROM THE SITE AS WASTE

Ref	Type of Waste	Estimated amount of solvent in waste (g/litre)	Amount of waste removed from site (litres)	Specific Gravity of solvent	Mass of solvent disposed of (kg)
1	TRICHLOROETHYLENE	1.3	0	1.46	0
2	PERCHLOROETHYLENE	1.5	280	1.625	455
2	WASTE PAINT AND THINNERS	0.6	600	0.87	313.2
3	PAINT PAST SELL-BY DATE	0.5		0.85	0
4	USED GUN CLEANER	0.7	125	0.85	74.375

		Total Actual Emission	Total Target Emission	Difference
		5176.937	1023.13796	-4153.79904

VOC PURCHASES 2012
(RECEIPTS)

5th February 2013

	PERCHLOROETHYLENE CON-LIT-00778 LITRES	BLACK PAINT CON-LIT-00783 LITRES	THINNER 05/46 CON-LIT-00784 LITRES	CLEANING SOLN CON-LIT-00732 LITRES	DUASOLID BLACK CON-LIT-00809 LITRES	DUASOLID GREY CON-LIT-00813 LITRES	DUASOLID ACT CON-LIT-00825 LITRES	DUASOLID THIN CON-LIT-00782 LITRES	BLACK SPRAY CON-LIT-785 LITRES	200 Air drying CON-LIT-00804 LITRES
2012					47819	INTNUS156	55904	62401		
JANUARY	0	650	300	270	0	20	0	0	24	0
FEBRUARY	0	1010	350	245	42	0	40	30	0	0
MARCH	0	1000	450	45	90	0	42	30	0	0
APRIL	0	800	300	150	0	0	0	0	24	0
MAY	0	480	250	100	30	0	20	10	0	0
JUN	0	730	250	120	0	20	0	50	0	0
JULY	0	1000	400	130	0	20	30	0	48	0
AUGUST	0	600	300	90	0	0	0	0	0	0
SEPTEMBER	0	600	250	290	0	52	20	0	0	0
OCTOBER	0	900	435	150	0	0	30	30	0	0
NOVEMBER	0	400	100	165	0	88	12	35	0	0
DECEMBER	0	400	250	150	40	0	30	20	0	0
TOTAL 2012	0	8570	3635	1905	202	200	224	205	96	0
VOC LEVEL (GRAMS/LITRE)	1625	470	867	850	330	330	443	850	735	544.5
TOTAL VOC(PURCH)	0	40279	3151545	161925	0.066666	0.0666	0.0992332	0.17425	0.07056	0
HOW USED	AS REC'D	HS-SHEEN ETCH	FOR 00783	AS REC'D	2 PACK BASE	2 PACK BASE	2 PACK ACTIVATOR	THINNER	AEROSOL	SINGLE PACK FINISH
THINNING RATE	N/A	10%	589	N/A	<5%	375			N/A	5%
RESULTANT VOC	1625	d(l)	d(l)	850		d(v)			735	521
CLAUSE 20 REF				N/A					d(l)	d(v)
RELEASED										
TOTAL VOC	COATINGS			9.275397						
TOTAL VOC	DEGREASING			-0.455						
STOCK LEVEL (LTR)	STOCK VOC			205						
PERCH(TONNES)	STOCK VOC			600						
WASTE PAINT REMOVED FROM SITE(LTR)				280						
WASTE REMOVED FROM SITE(LTR)	TONNES			0.455						
DEGREASER				820						
WASTE STILL ON SITE (LTR)	TONNES			1.3325						
PERCH										
TOTAL VOC										

VOC PURCHASES 2012
(RECEIPTS)

	THINNERS 8S-72 LITRES	BLACK GLOSS CON-JT-00832 LITRES	COPON EA9 WB CON-JT-00754 LITRES	COPON EA9 WB CON-JT-00755 LITRES	COPON ACTIV. LITRES	EQUIPMENT CLEAN MAINTENANCE LITRES	POWDER MINI31HT CON-JT-00831 KG
2012							
JANUARY	0	0	0	0	0	0	2200
FEBRUARY	0	0	0	0	0	0	2280
MARCH	0	0	0	0	0	0	2250
APRIL	0	0	0	0	0	0	750
MAY	0	0	0	0	0	0	2250
JUN	0	0	0	0	0	0	1500
JULY	0	0	0	0	0	0	1500
AUGUST	0	0	0	0	0	0	1500
SEPTEMBER	0	0	0	0	0	0	1500
OCTOBER	0	0	0	0	0	0	3000
NOVEMBER	0	0	0	0	0	0	750
DECEMBER	0	0	0	0	0	0	1500
2012	0	0	0	0	0	0	20980
VOC LEVEL (GRMS/LITRE)	870	544				844	0
TOTAL VOC	0	0				0	0
HOW USED	THINNERS						ELECTROSTATIC
THINNING RATE	N/A	N/A				N/A	N/A
RESULTANT VOC	870	544				844	0
CLAUSE 20 REF	N/A	N/A				N/A	N/A