

Provided in inspection 13th march 08

COVRAD HEAT TRANSFER LTD
SOLVENT BALANCE 2007

OTHER SOLVENTS USED IN ACTIVITY E.G. THINNING / CLEANING				
Ref	Type of Thinning / Cleaning or Other Solvent Use	Specific Gravity from supplier	Litres used 2007 to date	
1	TRICHLOROETHYLENE VAPOUR DEGREASING OF FABRICATED PARTS	1.46	10865	-15862.9
2	PERCHLOROETHYLENE	1.625	0	0
3	THINNING OF BLACK PRIMER& TYPE 200 FINISH	0.867	2580	-2236.86
4	THINNING OF INTERZINC PAINT	0.852	165	-140.58
5	GUN CLEANER	0.85	1200	-1020
6	THINNERS FOR 2 PACK EPOXY TOP COAT	0.85	470	-399.5

19259.84

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	1050	1.46	1992.9
2	PERCHLOROETHYLENE	1.5	0	1.625	0
2	WASTE PAINT AND THINNERS	0.5	3965	0.87	1724.775
3	PAINT PAST SELL-BY DATE	0.5	25	0.85	10.625
4	USED GUN CLEANER	0.7	250	0.85	148.75

Total Actual Emission	Total Target Emission	Difference
24213.1214	26584.58554	2371.46414

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11	2100 GREY PRIMER	PRIMER COATING OF STEEL. SOLVENT USE 0.028 TONNES NON-FOOD CONTACT	0.56	0.53	50	26.5	28	0.37	9.805	-18.195
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SUB TOTAL 18154.25414

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TARGET EMISSION
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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 6/23.	Allowable solvent for product in kg under reduction scheme	Solvent balance in kg against allowable solvent under Reduction Scheme
1	TYPE 585 WB BLACK PRIMER SINGLE PACK	PRIMER / INTERMEDIATE COATING OF STEEL. SOLVENT USE 0.78 TONNES NON-FOOD CONTACT	0.13	0.781	0	0	0	0.37	0	0
2	COPON EA9WB EPOXY COATING	INTERMEDIATE / FINISH COATING OF STEEL AND ALUMINIUM COMPONENTS. SOLVENT USE NON FOOD CPNTACT	0.061	0.66	55	36.3	3.355	0.37	13.431	10.076
3	ZINC RICH PRIMER BASE	COMPONENTS FOR HIGH TEMPERATURE APPLICATIONS. SOLVENT USE 0.854 TONNES NON-FOOD CONTACT	0.41	2.39	180	430.2	73.8	0.37	159.174	85.374
4	BLACK / GREY 2 PACK EPOXY PAINT	INTERMEDIATE OR FINISHED COATING OF FINISHED ASSEMBLIES. SOLVENT USE 0.541TONNES NON-FOOD CONTACT	0.33	0.82	952	780.64	314.16	0.37	288.8368	-25.3232
5	2 PACK EPOXY ACTIVATOR	INTERMEDIATE OR FINISHED COATING OF FINISHED ASSEMBLIES. SOLVENT USE 0.3757 TONNES NON-FOOD CONTACT	0.443	0.707	620	438.34	274.66	0.37	162.1858	-112.4742
7	ELECTROSTATIC HT POWDER	ELECTROSTATIC POWDER COATING OF STEEL COMPONENTS AND FABRICATIONS. NO SOLVENT USE	0	1	19675	19675	0	1	19675	19675
8	BLACK SINGLE PACK FINISH	FINISH COATING OF STEEL COMPONENTS. SOLVENT USE 0.125 TONNES NON-FOOD CONTACT	0.521	0.565	270	152.55	140.67	0.37	56.4435	-84.2265
9	BLACK PRIMER SINGLE PACK	PRIMER / INTERMEDIATE COATING OF STEEL. SOLVENT USE 2.9704 TONNES NON-FOOD CONTACT	0.47	0.798	7840	6256.32	3684.8	0.37	2314.8384	-1369.9616
10	INTERFINE SPECIAL COATINGS CODE 629	PRIMER / INTERMEDIATE COATING OF STEEL FOR NORTH SEA APPLICATION. SOLVENT USE 0.034 TONES. NON-FOOD CONTACT	0.351	0.78	96.4	75.192	33.8364	0.37	27.82104	-6.01536

TOT
= 3032.54