

**COVRAD HEAT TRANSFER LTD  
SOLVENT BALANCE 2013**

**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	286	234.52	94.38	0.37	86.7724	-7.6076
3	2 PACK EPOXY ACTIVATOR	INTERMEDIATE OR FINISHED COATING OF FINISHED ASSEMBLIES. SOLVENT USE 0.3606 TONNES NON-FOOD CONTACT	0.443	0.707	190	134.33	84.17	0.37	49.7021	-34.4679
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	5670	4524.66	2664.9	0.37	1674.1242	-990.7758

SUB TOTAL                      -1032.8513

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<b>OTHER SOLVENTS USED IN ACTIVITY E.G. THINNING</b>				
Ref	Type of Thinning / Cleaning or Other Solvent Use	Specific Gravity from supplier	Litres used 2013	
3	THINNING OF BLACK PRIMER & TYPE 200 FINISH	0.867	2280	-1976.76
4	THINNING OF INTERZINC PAINT	0.852	0	0
5	GUN CLEANER	0.85	1435	-1219.75
6	THINNERS FOR 2 PACK EPOXY TOP COAT	0.85	280	-238

<b>DEGREASING SOLVENTS USED IN ACTIVITY</b>				
Ref	Type of Thinning / Cleaning or Other Solvent Use	Specific Gravity from supplier	Litres used 2013	
2	PERCHLOROETHYLENE	1.625	205	-333.125

<b>SOLVENTS REMOVED FROM THE SITE AS WASTE</b>					
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)
2	PERCHLOROETHYLENE	1.5	205	1.625	333.125
2	WASTE PAINT AND THINNERS	0.5	820	0.87	356.7
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
		3613.06	900.6745	<b>-2712.3855</b>