

**COVRAD HEAT TRANSFER LTD
SOLVENT BALANCE 2014**

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	114	93.48	37.62	0.37	34.5876	-3.0324
3	2 PACK EPOXY ACTIVATOR	INTERMEDIATE OR FINISHED COATING OF FINISHED ASSEMBLIES. SOLVENT USE 0.3606 TONNES NON-FOOD CONTACT	0.443	0.707	88	62.216	38.984	0.37	23.01992	-15.96408
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	5290	4221.42	2486.3	0.37	1561.9254	-924.3746
SUB TOTAL										-943.37108

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OTHER SOLVENTS USED IN ACTIVITY E.G. THINNING				
Ref	Type of Thinning / Cleaning or Other Solvent Use	Specific Gravity from supplier	Litres used 2014	
3	THINNING OF BLACK PRIMER & TYPE 200 FINISH	0.867	2335	-2024.445
4	THINNING OF INTERZINC PAINT	0.852	0	0
5	GUN CLEANER	0.85	933	-793.05
6	THINNERS FOR 2 PACK EPOXY TOP COAT	0.85	85	-72.25

DEGREASING SOLVENTS USED IN ACTIVITY				
Ref	Type of Thinning / Cleaning or Other Solvent Use	Specific Gravity from supplier	Litres used 2014	
2	PERCHLOROETHYLENE	1.625	205	-333.125

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)
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	100	0.85	42.5
4	USED GUN CLEANER	0.7	125	0.85	74.375

		Total Actual Emission	Total Target Emission	Difference
		2966.349	864.30752	-2102.04148