

Number	Code*	Short ES title	Short description of process or activity	use descriptors						Life Cycle Stage(s)						Exposure Modifier				RMM			
				Sector of use (SU)**	Process Category (PROC)	Product category (PC)	Product Sub-category	Article Category (AC)	Environ-mental Release Category (ERC)****	Manufacture	Formulation	end use				duration and frequency (exposure time)	Outdoor		Indoor		respiratory protection	Eye protection (goggles)	protection of hands (gloves)
												Industrial	Professional	Consumer	Service Life			with LEV	without LEV				
1	AI0001	Industrial application of coatings or inks (PC9, 18)	product delivery/storage - bulk product delivery - outdoor***	SU 3	PROC 8b	n/a	n/a	AC0	ECCA SPERC 5.1a.v1 (solids) ECCA SPERC 5.1 b.v1 (volatiles)			x				<4hr/d	×			No	Yes	Yes	
2	AI0003		product delivery/storage - product storage - indoor	SU 3	PROC 3	n/a	n/a	AC0	ECCA SPERC 5.1a.v1 (solids) ECCA SPERC 5.1 b.v1 (volatiles)			x				<4hr/d			×	No	No	No	
3	AI0004		product delivery/storage - product storage - outdoor	SU 3	PROC 3	n/a	n/a	AC0	ECCA SPERC 5.1a.v1 (solids) ECCA SPERC 5.1 b.v1 (volatiles)			x				<4hr/d	×			No	No	No	
4	AI0105		preparation of material for application (liquid products) - batch, indoor	SU 3	PROC 5	n/a	n/a	AC0	ECCA SPERC 5.1a.v1 (solids) ECCA SPERC 5.1 b.v1 (volatiles)			x				>4hr/d		×		No	No	Yes	
5	AI0205		loading of application equipment - batch, indoor (liquid products)	SU 3	PROC8b	n/a	n/a	AC0	ECCA SPERC 5.1a.v1 (solids) ECCA SPERC 5.1 b.v1 (volatiles)			x				>4hr/d		×		No	No	Yes	
6	AI0301		on-line application by roller, spreader, flow coating or printing- large scale (open equipment)	SU 3	PROC 10	n/a	n/a	AC0	ECCA SPERC 5.1a.v1 (solids) ECCA SPERC 5.1 b.v1 (volatiles)			x				>4hr/d		×		No	No	Yes	
7	AI0503 AI0504		film formation - stoving (>100°C)	SU 3	PROC 2	n/a	n/a	AC0	ECCA SPERC 5.1a.v1 (solids) ECCA SPERC 5.1 b.v1 (volatiles)			x				<15min/d		×		No	No	No	
8	AI0602 AI0608 AI0614		equipment cleaning - enclosed off-line - indoor	SU 3	PROC 3	n/a	n/a	AC0	ECCA SPERC 5.1a.v1 (solids) ECCA SPERC 5.1 b.v1 (volatiles)			x				<15min/d		×		No	Yes	Yes	
9	AI0603 AI0609 AI0615		equipment cleaning - open in situ - indoor	SU 3	PROC 5	n/a	n/a	AC0	ECCA SPERC 5.1a.v1 (solids) ECCA SPERC 5.1 b.v1 (volatiles)			x				<4hr/d		×		No	Yes	Yes	
10	AI0605 AI0611 AI0616		equipment cleaning - open off-line - indoor	SU 3	PROC 5	n/a	n/a	AC0	ECCA SPERC 5.1a.v1 (solids) ECCA SPERC 5.1 b.v1 (volatiles)			x				<4hr/d			×	No	No	Yes	
11	AI0901		Quality control - laboratory use	SU 3	PROC 5	n/a	n/a	AC0	ECCA SPERC 5.1a.v1 (solids) ECCA SPERC 5.1 b.v1 (volatiles)			x				<4hr/d			×	No	Yes	Yes	
12	AI1001		Storage of waste prior to removal for off-site management	SU 3	PROC 3	n/a	n/a	AC0	ECCA SPERC 5.1a.v1 (solids) ECCA SPERC 5.1 b.v1 (volatiles)			x				<15min/d			×	No	No	No	
13	AI1002		transfer of process wastes to storage containers: off-line in workplace	SU 3	PROC 8b	n/a	n/a	n/a	ECCA SPERC 5.1a.v1 (solids) ECCA SPERC 5.1 b.v1 (volatiles)			x				<4hr/d			×	No	No	Yes	

\* Code refers to CEPE reference code for paints and inks  
 \*\* SU 3 relates to industrial uses in general. In relation to NACE codes, coil coating is SU 15, NACE C25.6.1. This is a sub-set of SU 3.  
 \*\*\* Relates only to transfer from tankers to bulk storage vessels. For packaged delivery (eg drums) no exposure is possible.  
 \*\*\*\* ERC 4 for volatiles or ERC 5 for solids, or use ECCA SPERC