



Table 0.1: Description of identified uses

Identified use	Sector of Use - main user groups (SU)	Sector of Use – sectors of end-use	Preparation Category (PC)	Process category (PROC)	Article category (AC)	Environmental Release Category (ERC)
Monomer	SU3	SU8, 9	PC19	PROC1, 8b	-	ERC6c
Plastic/rubber manufacture	SU3	SU10, 11, 12	PC15, PC32	PROC5, 8b	-	ERC2, ERC5, ERC6d
Sealants	SU3, 22	SU10, 19, 17, 16, 15, 6, 12, 5, 11	PC1, PC32	PROC2, 3, 4, 5, 7, 8b, 8a, 9, 13, 19, 14, 10, 21	- ¹	ERC2, 5, 8b, 8c, 8f
Laboratory chemical	SU3	SU24	PC21	PROC15	-	N/A
Non-metal surface treatment	SU3	SU13	PC15	PROC4, 5, 8b, 8a, 13, 7	-	ERC6a

¹ The substance will be fully cured within a short-period after application; therefore, exposure during service life of articles is not relevant.

1. SUMMARY OF RISK MANAGEMENT MEASURES

Safe use has been demonstrated by calculation of risk characterisation ratios. These are based on the following risk management measures:

Exposure scenario	Description	General measures	Specific Human Health risk management measures	Specific Environment risk management measures
ES1	Production and on site use (site specific)	(i) Procedural and technological control using Best Available Technique (BAT)	(i) Local Exhaust ventilation (LEV) (ii) Personal Protective Equipment (PPE): butyl rubber, fluorinated rubber or PVA (4H) or other appropriate gloves/gauntlets and protective clothing (iii) Specific workers' training	(i) Treatment of effluent in biological waste water treatment plant
ES2, ES3	Monomer, formulation of compounds for use in rubber and plastics	(i) Procedural and technological control using Best Available Technique (BAT)	(i) Local Exhaust ventilation (LEV) (ii) Personal Protective Equipment (PPE): butyl rubber, fluorinated rubber or PVA (4H) or other appropriate gloves/gauntlets and protective clothing (iii) Workers' training	(i) Treatment of effluent in waste water treatment plant (WWTP)
ES4	<i>In situ</i> use in rubber and plastics manufacture and end use of dry mix	(i) Procedural and technological control using Best Available Technique (BAT)	(i) Local Exhaust ventilation (LEV) (ii) Personal Protective Equipment (PPE): butyl rubber, fluorinated rubber or PVA (4H) or other appropriate gloves/gauntlets and protective clothing Suitable respiratory protective equipment should be worn if duration of exposure is greater than 15 minutes for PROC5 (iii) Workers' training	(i) Treatment of effluent in waste water treatment plant (WWTP)

ES 5	Formulation of sealants	(i) Procedural and technological control using Best Available Technique (BAT)	(i) Local Exhaust ventilation (LEV) (ii) Personal Protective Equipment (PPE): butyl rubber, fluorinated rubber or PVA (4H) or other appropriate gloves/gauntlets and protective clothing (iii) Workers' training	(i) Treatment of effluent in waste water treatment plant (WWTP).
ES6	Industrial use of sealants	(i) Procedural and technological control using Best Available Technique (BAT)	(i) Personal Protective Equipment (PPE): butyl rubber, fluorinated rubber or PVA (4H) or other appropriate gloves/gauntlets and protective clothing (iii) Workers' training	(i) Treatment of effluent in waste water treatment plant (WWTP) is applicable as a 'best practice'.
ES7	Professional use of sealants	N/A	Maximum product concentration of 0.4% (using the modified Consexpo model – see Section 9.7.2.1.2)	(i) Standard municipal WWTP is applicable as a 'best practice'
ES8	Laboratory reagent	N/A	(i) Local Exhaust ventilation (Fume cupboard) (ii) Personal Protective Equipment (PPE): Fluorinated or nitrile rubber gloves/ gauntlets (iii) Workers' training	N/A
ES9	Formulation and use of non-metal surface treatment solutions/dispersions	(i) Procedural and technological control using Best Available Technique (BAT)	(i) Local Exhaust ventilation (LEV) (ii) Personal Protective Equipment (PPE): butyl rubber, fluorinated rubber or PVA (4H) or other appropriate gloves/gauntlets and protective clothing (iii) Workers' training	(i) Treatment of effluent in waste water treatment plant (WWTP).

