



## 9.9. Exposure scenario 9: Consumer use - Use of silicones in liquid mixtures by consumers

Environment contributing scenario(s):		
CS 1	Use of silicones by consumers	ERC 8c
CS 2	Use of silicones by consumers	ERC 8f
Consumer contributing scenario(s):		
CS 3	Consumer use of adhesives and sealants	PC 1
CS 4	Consumer use of coatings and paints	PC 9a
CS 5	Consumer use of fillers, putties, plasters and modelling clay	PC 9b
CS 6	Consumer use of metal surface treatment products	PC 14
CS 7	Consumer use of non-metal surface treatment products	PC 15
CS 8	Consumer use of leather treatment products	PC 23
CS 9	Consumer use of paper and board treatment products	PC 26
CS 10	Consumer use of polishes and wax blends	PC 31
CS 11	Consumer use of polymer preparations	PC 32
CS 12	Consumer use of textile impregnating products	PC 34
CS 13	Consumer use of cosmetics and personal care products	PC 39

### **Further description of the use:**

Karstedt concentrate is used in liquid silicone mixtures in concentrations < 0.03% and typically even < 0.001% or < 10 ppm. This is below the cut-off values given in article 14, paragraph 2 of the REACH regulation:

“A chemical safety assessment in accordance with paragraph 1 need not be performed for a substance which is present in a mixture if the concentration of the substance in the mixture is less than:

(a) the cut-off value referred to in Article 11, paragraph 3 of Regulation (EC) No 1272/2008;

(b) 0,1 % weight by weight (w/w), if the substance meets the criteria in Annex XIII to this Regulation.”

As a consequence, a chemical safety assessment for the given consumer uses is not required.