


Product Hazard and Risk Control Analysis

Uniclass 2 code Pr_15_31_04_15 Concrete surface retarders	SURFACE RETARDER – HORIZONTAL SURFACES	Water based	 Refer individual SDSs		
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Situational parameters


- Surface coating applied to finished horizontal concrete surfaces for construction joints and exposed concrete aggregate finishes
- Packaged in 20 litre containers
- Small amounts used
- Applied by hand sprayer

Products

- Rockbond Surface Retarder www.rockbond.co.nz
- Rockbond Surface Retarder Plus www.rockbond.co.nz
- Sika Rugasol C www.sika.co.nz
- Sika Rugasol C Extra www.sika.co.nz

#	Hazards/Risks	Consequence of negative event because of product hazard/risk	Site Controls Required	SEMI QUANTITATIVE POST CONTROL RISK ANALYSIS	
				Likelihood of serious event	Residual risk = Consequence x Likelihood
Safety – acute injury					
1	Lifting causing back injuries, musculoskeletal disorders, sprains and strains of muscles of tendons, or triggering a slip, trip or fall	4 = major	Lift from positon close to your body ACoP Risk Score<10 –Injuries unlikely unless there are infrequent high force actions)	2 = unlikely	6-9 Moderate
2	Transporting in vehicle – loose load hitting driver or passengers when stopping	5 = catastrophic	Secure load to ensure container cannot slide around vehicle	1 = rare	6-9 Moderate
3	Fire – non flammable	·	None	·	·
4	Lung injury from fumes – not possible	·	None	·	·

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5	Eye injury – may cause possible transient corneal injury	3 = moderate	<i>safety glasses</i>	1 = rare	1-5 Low
Health - chronic injury when using					
1	Possibility of skin irritation	3 = moderate	<i>Gloves wash hands, face, etc after use</i>	1 = rare	1-5 Low
2	No known possibility of cancer	.	<i>None</i>	.	.
Environmental damage					
1	Accidental spills	3 = moderate	<i>Flush away with water</i>	3 = possible	6-9 Moderate
2	Incorrect disposal of empty containers	3 = moderate	<i>recycle OR dispose of at landfill approved to take construction waste</i>	3 = possible	6-9 Moderate