




Product Hazard and Risk Control Analysis

Uniclass 2 code Pr_15_31_04_14 Formwork	FORM RELEASE AGENT	Non-toxic, high flash point, vegetable oil based	 Refer individual SDSs		
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Situational parameters




- Surface coating applied to face of formwork to stop concrete sticking to formwork
- Packaged in 20 litre containers
- Small amounts used
- Applied by brush or hand sprayer

Products

- **Rockbond Eco-Form** – not suitable for concrete on concrete www.rockbond.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 when transporting, using or storing – Note – hard to ignite - Flash point > 400°C hence low risk of fire or explosions	5 = catastrophic	Fire extinguisher in vehicle and on site Limit number of containers transported and stored to number required for job Store in isolated area	1 = rare	6-9 Moderate
4	Lung irritation from fumes	2 = minor	None	2 = unlikely	0-5 Low
5	Eye irritation	2 = minor	None	2 = unlikely	0-5 Low

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Health - chronic injury when using					
1	Possibility of skin irritations	2 = minor	wash hands, face, etc after use	2 = unlikely	0-5 Low
Environmental damage					
1	Accidental spills	2 = minor	mop up	2 = unlikely	0-5 Low
2	Incorrect disposal of empty containers	3 = moderate	recycle OR dispose of at landfill approved to take construction waste	2 = unlikely	6-9 Moderate