

COSHH Assessment for:		Rockwool Insulation				Ref:	300
Assessor:	Dominic Reddall	Date:	April 2022	Next Review:	April 2025		
Describe the activity or work process:							
Rockwool Insulation is used as Thermal Insulation, acoustic insulation and fire protection in building construction applications.							
What is the location of the activity or work process?							
All areas specified by client including cavities, walls, roofs etc							
Identify the Persons at Risk:		Employees	☒	Contractors	☒	Public	
Name the substance involved in the process, the quantity and its manufacturer. (A copy of a current safety data sheet for this substance should be attached)							
Quantities will vary dependant on the roof area & job specification.							
Explain why a safer alternative cannot be used:							
The material and quantity has been specified by the client.							
Classification (tick all that apply):							
Physical Hazards							
Unstable Explosive	Flammable	Oxidising	Compressed Gas				
							
Applicable: ☐	Applicable: ☐	Applicable: ☐	Applicable: ☐				
Health Hazards						Environmental	
Toxic	Corrosive	Irritant	Resp. Sens/Health	Environmental			
							
Applicable: ☐	Applicable: ☐	Applicable: ☐	Applicable: ☐	Applicable: ☐			
Hazard Type:							
Gas	Vapour	Mist	Fume	Dust	Liquid	Solid	Other:
						☒	
Route of Exposure:							
Inhalation	Skin	Eyes	Ingestion	Other (State)			
☒		☒					
Explosive Limits and Workplace Exposure Limits (WELs)							
Long-term exposure level (8hrTWA):				Short-term exposure level (15 mins):			
Workplace exposure limit (WEL) 5mg/m ³ gravimetric measure (total inhalable dust) and 2 fibres/ml airborne fibre limit, 8-hour time weighted averages. HSE guidance assumes that the gravimetric measure would be reached before the fibre measure. (Ref. HSE EH40).							

Detail Potential Health Risks:					
Use of high speed cutting tools can generate dust. The mechanical effect of coarse fibres in contact with throat, skin or eyes may cause temporary itching/inconvenience.					
Control & Recovery Measures Actioned: (for example extraction, ventilation, training, supervision). Include special measures for vulnerable groups, such as disabled people and pregnant workers. Take account of those substances that are produced from activities undertaken by another employer's employees.					
Ventilation:			Accidental Release & Spillage Plan :		
No Specific measures.			Vacuum cleaner or dampen with water spray prior to sweeping up.		
Special Transport:			Signage, provision of information and instruction :		
N/A			Breifing this assessment		
Fire Precautions/Extinguisher Type:			Environmental Considerations :		
Suitable extinguishing media: Water, foam, carbon dioxide (CO2), and dry powder Unsuitable extinguishing media: None			None required.		
Storage Required:			Disposal Issues:		
No Specific measures.			Rockwool is recyclable.		
Is health surveillance or monitoring required for foreseeable exposure potential?					
Routine health screening	No	Personal air monitoring	No	Background air monitoring	No
Personal Protective Equipment (state type and standard)					
Item	Tick	Requirement	Item	Tick	Requirement
					
	✓	When working in unventilated areas or during operations which can generate emission of (various) dusts, wearing a disposable face mask in accordance with EN 149 FFP1 is recommended.		✓	Wear goggles if working above shoulders or where there is heavy dust development. Eye protection to EN 166 is advised.
	✓	Use gloves conforming with EN 388 to avoid itching.		✓	Cover exposed skin.
			Other		
First Aid Measures					
Inhalation: Remove from exposure. Rinse the throat and clear dust from airways. Skin: If itching occurs, remove contaminated clothing and wash skin gently with cold water and mild soap. Eye: Rinse abundantly with water for at least 15 minutes. Ingestion: Drink plenty of water if accidentally ingested.					
Disposal Instructions for substance and empty containers:					
Hazardous Waste			General Waste		✓
Return to Depot			Return to Supplier		
Other/Notes:					

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Is exposure adequately controlled?	Yes	✓	No		
Risk Rating Following Above Controls:	High	Med	Low	✓	