

COSHH Assessment for:		Siderise Stonewool				Ref:	358
Assessor:	Dominic Reddall	Date:	April 2022	Next Review:	April 2025		
Describe the activity or work process:							
Fire, acoustic and thermal insulation.							
What is the location of the activity or work process?							
Site							
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)							
Siderise Stonewool							
Explain why a safer alternative cannot be used:							
Substitution is not possible as the substance 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	
							
Applicable: ☐		Applicable: ☐		Applicable: ☐		Applicable: ☐	
						Applicable: ☐	
Hazard Type:							
Gas	Vapour	Mist	Fume	Dust	Liquid	Solid	Other:
						☒	
Route of Exposure:							
Inhalation		Skin		Eyes		Ingestion	
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.				N/A			
Detail Potential Health Risks:							
The overall conclusion in accordance with the REACH regulation is that there are no hazardous classifications associated with stone wool fibres in respect to physical, health and environmental considerations.							
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 :			
General ventilation is recommended.		N/A			
Special Transport:		Signage, provision of information and instruction:			
N/A		Brief of this assessment.			
Fire Precautions/Extinguisher Type:		Environmental Considerations:			
Water, foam, carbon dioxide or dry powder.		None required.			
Storage Required:		Disposal Issues:			
Keep material in original packaging until it is to be used. Store material to protect against damage including the weather.		Spray with water before sweeping or use vacuum equipment.			
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
	✓	If the WEL is likely to be exceeded (for example when using high speed cutting tools or when working in confined spaces) disposable face masks complying with BS EN149 FFP1 or FFP2 should be used and are suitable for most applications.			
				✓	Use of safety goggles to EN166 is advised.
	✓	It is recommended that gloves in conformity with EN 388			
			Other		
First Aid Measures					
In case of discomfort, leave dusty area. Blow nose and rinse throat with clean water to clear any dust.					
In case of discomfort, remove contaminated clothing and wash skin gently with clean cold water and mild soap.					
In case of contact with eyes, rinse abundantly with clean water for at least 15 minutes.					
If ingested, drink plenty of water.					
The mechanical effect of fibres in contact with skin can cause temporary itching.					
Disposal Instructions for substance and empty containers:					
Hazardous Waste		General Waste		✓	
Return to Depot		Return to Supplier			
Other/Notes:		SIDERISE stone wool material is recyclable. Stone wool insulation is classified as non-hazardous waste. stone wool insulation waste is covered by the non-hazardous entry "17 06 04 insulation materials other than those mentioned in 17 06 01 and 17 06 03" in the European Waste Catalogue, established by EC Decision 2000/532/EC (hazardous waste). Under landfill regulations SIDERISE insulation waste is categorised as "waste accepted at landfills for non-hazardous waste" in accordance with EC Decision 2003/33/ EC.			
Is exposure adequately controlled?				Yes	✓
Risk Rating Following Above Controls:				High	Med
				Low	✓