










COSHH ASSESSMENT FORM

Risk Assessment Reference Number: COSHH53		Date of Assessment: 31/10/2025	
Assessor/s: Jamie-Lee Macavoy		Name of Substance: High Strength Concrete 40N	
Date of Safety Data Sheet (SDS): 09/2018		Manufacturer: Tarmac	
Use (details of the way it is used): used as per packaging. Concretes are used in building and construction work for both structural and non structural applications.			
Frequency of Exposure: varies		Duration of Exposure: short duration	
Workplace Exposure Limit (WEL):	<input type="checkbox"/> Not Assigned	Inhalable dust – 10mg/m3 Respirable dust – 4mg/m3	8 hour TWA
Hazard Warning Symbols associated with substance (circle):			
			
			
			
Explosive	Corrosive	Flammable	Serious Health Hazard
			Health Hazard
			Oxidising
			Toxic
			Hazardous to Environment
			Gas under Pressure

Worst Case Outcome					Likelihood					Risk Rating Outcome X Likelihood		
5	4	3	2	1	5	4	3	2	1	High	Medium	Low
Fatality	Severe Injury	Lost time Injury	Minor Injury	No Injury	Certain	Very likely	likely	Unlikely	Remote	15-25	10-12	1-9

Persons affected by the Activity	Identified Hazards	Control Measures Already in Place	Outcome	Likelihood	Risk Rating	Is further action required Yes/No
Employees/ Contractors/ Others	Respiratory problems due to inhalation	Only trained, competent personnel are authorised to use product. Product only to be used in well-ventilated areas. FFP3 mask available.	2 Minor Injury	2 Unlikely	4 Low	No



Employees	Ingestion (gastrointestinal irritation)	Ensure hands are washed prior to eating, drinking and smoking.	2 Minor Injury	1 Remote	3 Low	No
Employees/ Contractors/ Others	Irritation of eyes and skin/dermatitis due to contact	Eye protection and protective gloves available. EN166 eye protection, EN374 Gloves. Wear watertight, wear-and-alkali resistant protective gloves internally lined with cotton. Wear appropriate clothing to prevent repeated or prolonged skin contact. Use barrier creams available. Eye wash station available and adequate supply. Ensure good hygiene practices are followed.	3 Lost time Injury	2 Unlikely	6 Low	No
Employees/ Contractors/ Others	Fire and explosion	Concretes are not flammable. Minimal quantities are stored. Ordered as required. Suitable and sufficient fire extinguishers located in works areas. Use extinguishing agent suitable for type of surrounding fire. Direct water jet may spread the fire.	5 Fatality	1 Remote	5 Low	No
Environment	Pollution and contamination to ground and watercourse	Must be stored in line with manufacturers recommendations. Must be used in line with manufacturer's instructions. Must be disposed of in line with local waste conditions. Stop at source, contain and clean up spill. Avoid release into the environment. DO NOT wash concrete down sewage and drainage systems or into bodies of water.	1 No Injury	2 Unlikely	2 Low	No

Owner: Head of Group Compliance and Transport Service	Version: 2	LF241
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		Large spillages or uncontrolled discharges into watercourses must be alerted to the Environment Agency or other appropriate regulatory body.				
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Further Control Measures						Further Control Measures Follow up			
						Allocated to (Name)	Target date	Date completed	
Review date/s:									
Reviewed By:									