COSHH ASSESSMENT

Assessment to be conducted specific to the task and in association with the Material Safety Data Sheets.

Task	Sand cement / Lime cement for pointing and bedding		
Area / Location	Alkrington & Providence	**ASSESSMENT No**	COSHH 123
Assessed By	Peter miller	**Date**	28.02.2019
Title	Health & Safety Advisor	**Review date**	As required

The Substance – Hazard Identification
Please denote the properties of the substances used in the task

 Flammable	 Toxic	 X Irritant	 Corrosive	 Harmful to the Environment
 Harmful	 Highly Flammable	 Explosive	 Oxidising	

First Aid Requirements
Details to be found on the Material Safety Data Sheet

Exposure Via	First Aid Treatment
Inhalation	Remove to fresh air and seek medical advice.
Ingestion	N/A
Skin Contact	Wash off immediately with soap and warm water
Eye Contact	Rinse immediately with eye bath.

The effects of the substance on the body.
Take into account any changes in the substances state, during the task (Section 3)

Substance (s) Used In Task (List below)	**Nature of Hazard(s) Associated with Substance** Detail the effect of the substance on the body throughout the duration of its use and changing states.
1. Lime Cement	Wind blown cement dust into eyes causing severe burns and discomfort
2. Lime Cement	Inhalation of dust as it is raised during the mixing operation.
3. Lime Cement	Skin burns from strong alkaline properties if there is direct contact with the cement whether it is dry or wet.

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Source, Duration and Risk of Exposure
Identify at what stage of the task the exposure will happen and how. E.g. Inhalation of Rock wool fibres whilst opening bag.

Substance(s)	**Source(s) of Exposure** (include route of entry)	**Duration of Exposure** (Min / Hrs)	**Risk from Exposure** (High, Med, Low)
Lime Cement	Inhalation of residue cement dust from the bags while they have been in storage or that may have been dislodged or expelled during transit while the bags are being off loaded from the vans..	20 seconds	low
Lime Cement	Inhalation of the dust from bags that may have been damaged during transit where the dust may become air borne if the bags are lifted.	2 minutes	Medium
Lime Cement	Inhalation while opening the bag prior to mixing.	20 seconds	Low
Lime Cement & Portland Cement	Skin contact with wet cement on hands or splashes to forearms or face while transferring the mixed mortar from the mixer to the barrow.	15 minutes	Low
Lime Cement & Portland Cement	Skin contact with hands or forearms while applying the wet cement.	6 hours	high

Emergency and Disposal
Detail the requirements to deal with accidental release and disposal of the substance.

Accidental release	If the cement is dry, dampen it down to reduce the likelihood of raising dust and collect the spill with a brush and shovel.
Disposal	Do not allow to enter drains. Solidified mixes may be disposed of as normal builders waste.
Fire Fighting	N/A

Control Measures
Identify specific PPE, storage, transportation requirements. E.g. FFP3 disposable respiratory protection (for toxic dusts)

Control Measure(s) required to work safely	**Completed**
Store in a cool protected place, away from strong oxidants or acids.	
Clean up spills by any dry method such brush and shovel or vacuum.	
Long sleeved tops under the high vis vests and long trousers are to be worn by all people when working with cement.	
Impervious abrasion and alkali resistant gloves such as Nitrotough N110 or N230 Gloves (Code MGLV01 or MGLV02) to be worn when handling the bags or cement.	
Disposable masks (Code BR330) are to be worn when inhalation is likely, for instance should the bags be damaged, if it is windy or when spading the cement into the mixer.	
Wear safety glasses (such as Viper code BOG02) or goggle to avoid contact with eyes.	

Signed by the responsible manager:

Sign	Name	Position	Date
	Keith Whitfield	Contract manager	28.02.2019