

Project Title	82 Fitzjohns Avenue	Project No.	394
Company	Sherlock London	Document	394-001
		No.	
Task	Form Hoarding, Dismantling of Existing Boundary Wall for Site Access & Construction Purposes and Like for Like Reconstruction Following Completion of Works.	Revision	01
Date	01.06.2022	Main	Sherlock London
		Contractor	

Other Sub-Contractors to be copied	
with Method Statements and Risk	
Assessments for information, co-	
ordination and interface purposes:	

Revision	Date	Reason for Issue	
00	01.06.22	First Issue for Review / Comment	
01	22.06.22	Minor Comments Addressed	

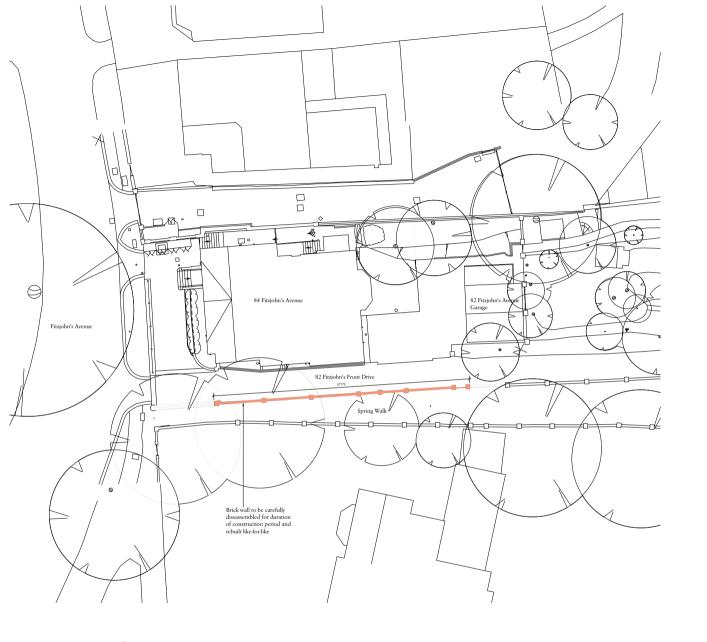
By accepting this Method Statement the Sub-Contractor is not relieved of their statutory obligations to provide, monitor and revise their safe system of work during the progress of the task. Any revisions to the document must be agreed with the Main Contractor prior to execution.

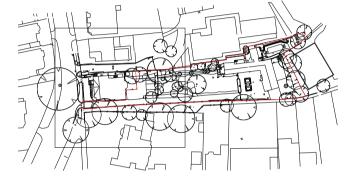


Sherlock London

Method Statement

1.0	Proposed Start Date /	June / July 2022 (dependant on council approval)	
	Time:		
1.1	Duration: (Anticipated)	Phase One: Heras Fence/Remove Brickwork 2wks Phase Two: Form Timber Hoarding 2wks Phase Three: Rebuild Wall 3wks	
1.2	Exact Location(s): Attach plan if necessary	External Wall - Spring Walk / 82 Fitzjohns Ave. Drawing 20003-A-PL-00-701	
1.3	Document Prepared By:	Jay Denham	
1.4	Outline of Task / Activity to be Undertaken:		
	Activity:		
	Form hoarding, dismantling of existing boundary wall for site access and construction purposes and like for like reconstruction following completion of works.		
	Prior to Works Commencing		
	 arrangements for undertaking a for site materials required for t As part of the induction proceds Statement and associated docussigned and dated by all employs provide a copy of their CSCS Capersonnel who have the approprovide a copy of their CSCS Capersonnel who have the approprovide welfare facilities, fire / site traffic management plan at outlined within the site induction Complete Safe Start with the Site work commences. All test certificates are to be obtained prior to works commenciend and works on site to enapart. A lay-down area adjacent to the commencing. This will be close Bricks will be sorted for quality will be removed off site and safe The intention is to salvage as material states. 	lure, personnel will ensure that the Method imentation is available on site and the site copy is ees of Sherlock London. They will also be required to rds / Proof of competence to identify those priate skills for their task. beratives to familiarise themselves with the site, to emergency muster point, safe zones, delivery zones, and pedestrian walkways / exclusions zones as on where relevant. te Manager. These will be completed daily before stained and verified prior to works starting. s routes and emergency routes/escapes are to be in ng. I with the groundwork contractor currently nsure site operatives and vehicle movement are kept e garage is to be established prior to the works d off with barriers. and placed on pallets and wrapped once full, these	





2 Site Plan 1:500

Details Charlton Brown

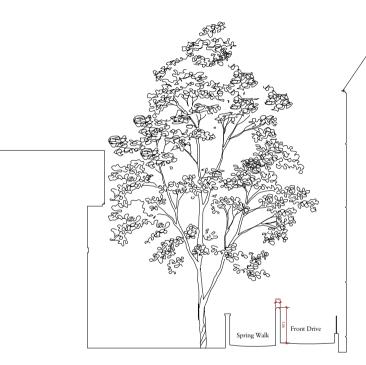
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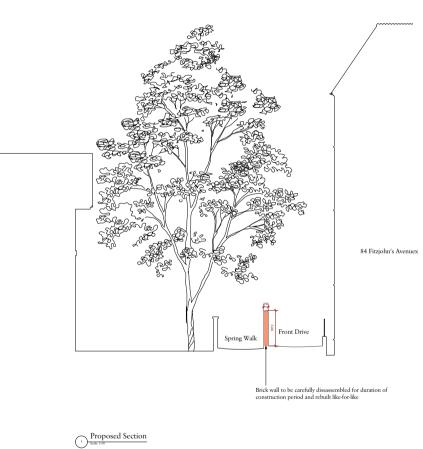
Architecture & Interiors

The Belvedere, 2 Back Lane, Hampstead, London, NW3 1HL Telephone +44(0)20 7794 1234 Email officiejichenhonobrown.com Website www.charlinabrown.com

Project		
82 Fitzjohns Avenue		
Drawing Title		
Boundary Wall Plans		
Date	Drawn	Checkee
20/08/2021	MH	CI
Scale		
1:500 and 1:100 @ A1		
Issue Status		

1 Front Driveway Plan 1:100





⁷ Existing Section

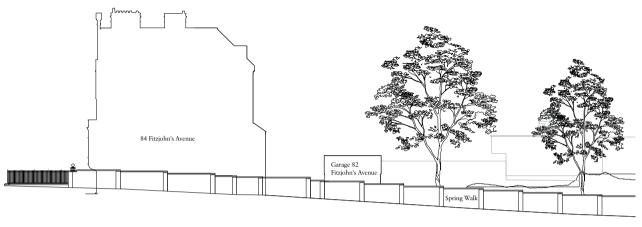
84 Fitzjohn's Avenuex



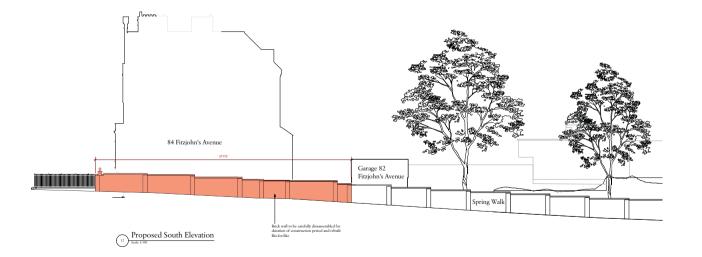
Charlton Brown Architecture & Interiors

The Belvedere, 2 Back Lane, Hampstead, London, NW3 1HL Telephone *44(0)20 7794 1234 Email office(gebathonbrown.com Website www.charltonbrown.com

Client		
Mr Daniel Ross		
Project		
82 Fitzjohns Aver	nue	
Drawing Title		
Boundary Wall	Sections	
Doundary wan	Sections	
	Drawn	Checked
Date		Checked
Date 20/08/2021	Drawn	
Date 20/08/2021	Drawn	
Date 20/08/2021 Scale 1:50 @ A1	Drawn	
Date 20/08/2021 Scale	Drawn MH	



Existing South Elevation



Charlton Brown Architecture & Interiors The Belvedere, 2 Back Lane, Hampstead, London, NW3 1HL Telephone *44(0)20 7794 1234 Email office/gcharborbown.com Website www.charltonbrown.com Client Mr Daniel Ross Project 82 Fitzjohns Avenue Drawing Title Boundary Wall Elevations

Date 20/08/2021 Drawn Checked MH CP Scale 1:100 @ A1 Issue Status For Planning Project Number Drawing Number 20003 A-PL-00-703

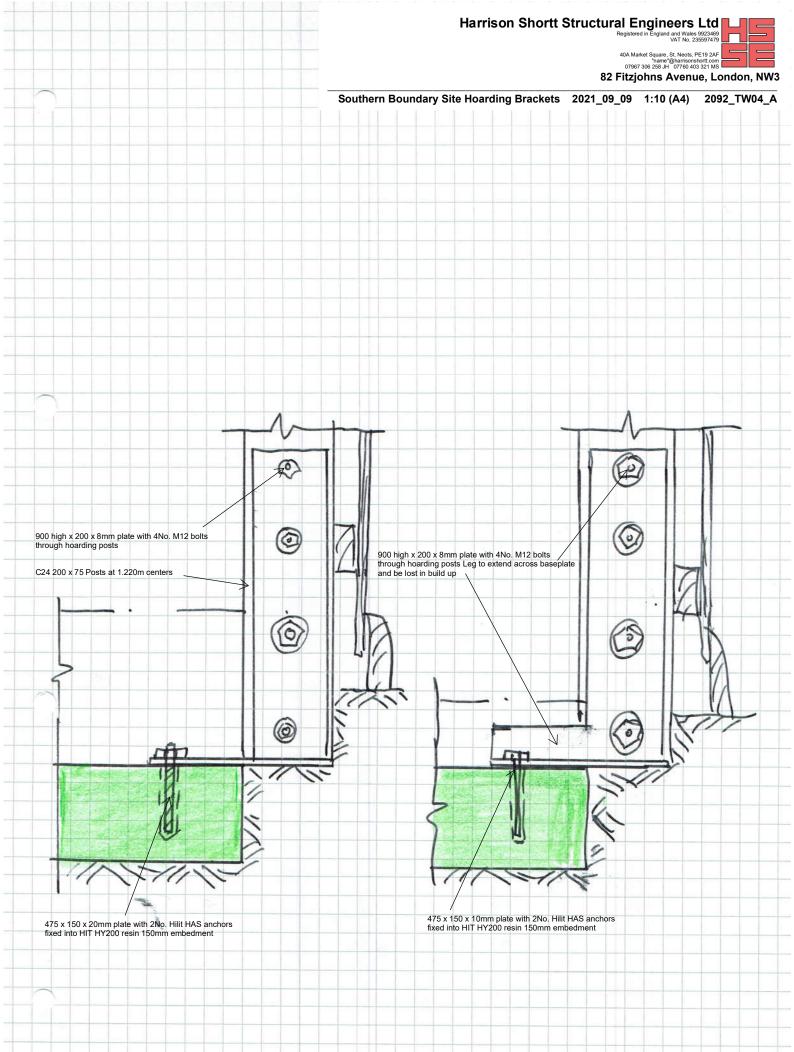


Form Temporary Protective Barrier to Spring Walk. Due to the nature of the works, a line of protection is to be formed between Spring Walk and 82 Fitzjohns Avenue to ensure it can continue to be used by the general public during the removal of the wall, once it is removed and when the wall is rebuilt. Initially, Heras fencing will be installed along the outside line of the wall on the side of Spring Walk. This will be fully sheeted to contain the works on the side of 82 Fitzjohns Avenue. This will allow the works to commence in a timely manner and minimise disruption. Once formed, this will allow the boundary wall to be safely removed and contained from the side of 82 Fitzjohns Avenue. The protective barrier will be formed higher than the existing wall to contain the brickwork etc. to be removed. **Removal of Brickwork** The removal of the brickwork will be carried out in a systematic manner top down with the half round coping bricks first, then in triangular sections following the brickwork lines across. Works should be carried out from a solid base either on the ground or from podiums ensuring the works are directly in front of the operative at all times. Works are to commence from the site entrance working back into the site with one operative removing bricks and another collecting and transporting / storing in the pre-designated area. Hand tools in the form of hammer and bolsters are to be used where possible with small duty breakers / hammer action drills used where hand tools are not suitable. When using small duty breakers, these are to be held firmly at 90deg position to the ٠ brickwork mortar joints at all times. The point of the bolster / breaker is to be positioned to the mortar joint. When using a bolster, firmly hold the bolster in place and strike the end with the hammer to break the joint and repeat as required. When using a breaker, when in position, switch the breaker on and it will begin to vibrate as it hammers the chisel point into the mortar joint. The chisel point will begin to chip, crack and break the joint. Work along the joints around the bricks until each brick works free and remove. Do not push down on the breaker too hard – simply let the breaker do the work. . Work down or sideways into the joists not up to contain the works. • Never angle the breaker diagonally as this could cause loss of control and increase the risk of splitting the bricks thus making them unusable for the rebuilding of the wall. Works are to be carried out slowly and carefully, taking care over where to step with power cords being kept behind the operative at all times, away from the point of the breaker.

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•	Works should pause periodically to remove bricks and debris that is in way as works
	progress down and across the wall.
•	Continue to work across in the angle of the mortar joints to maximise the salvage of the bricks.
•	When the bricks are removed, they are to be checked for quality with a view to
	them be re-used for the re-building works. They will be cleaned, quantified,
	wrapped, labelled and logged then removed from site and stored in an offsite
	facility.
٠	Bricks deemed unusable along with mortar debris etc. is to be bagged and placed in
	designated area ready for removal off-site.
•	When breaking out works are taking place, the following points are to be observed;
	 Operatives to be trained / confident in the use of breaking tools.
	 Ensure that a valid PAT test certificate is in place for all plant that is used
	• The equipment is in good condition, fit for purpose, with all safety critical
	switches in place and operational.
	 Breaker bits is to be correct type, size and in good condition.
	• Ensure vibration limits are adhered too and rotation of operatives is in place.
	 Ensure noise assessments are adhered and noisy working hours.
	• Correct PPE is in place as section 5. Including goggle / safety eyewear, ear
	defenders and face fitted masks to be worn.
<u>F</u> (orm Timber Hoarding to Spring Walk.
•	Once the brickwork has been removed to the required sections, a timber hoarding
	is to be installed to form a semi-permanent structure for the remaining duration of
	the works
•	The fixed hoarding will be formed as a timber structure using timber framework
	utilising C24 200 x 75mm posts fixed at 1220mm centres. The posts are to be fixed
	to hoarding brackets and fixed down with Hilti HAS anchors and faced in plywood
	sheets as per the attached structural engineers detail drawing ref. 2092_TW04_A.
	The Hilti anchors will be resin fixed into the footings previously cast by the
	groundwork contractor.
•	The hoarding will follow the line of the removed boundary wall and be formed from
	the side of Fitzjohns Avenue within the temporary Hera fencing line. The plywood
	facing boards will be screw fixed to the framework from the Spring Walk side, this
	will require the Heras fencing to be moved temporarily to allow access, the Heras
	fence will be re-positioned once the ply has been fixed. Once the hoarding structure
	is formed, the Heras fencing can be removed and a skirting and cornice fixed top
	and bottom. The hoarding will then be finished / decorated as required by the
	council.





•	and approved by the local planning authority. This will show the colour, texture face-bond and pointing of the wall to be-re-built. The sample panel will be constructed from new bricks and used as a reference panel for the reinstateme of the wall using the original bricks.
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Sherlock London

Method Statement

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2.0	RISK ASSESMENTS ATTACHED: A list of identified risks throughout the task will be noted here, the full risk assessments to be attached for each task/significant risk identified. See Appendix: RA-002 COSHH: A comprehensive list of materials is to be entered here. This will highlight which COSHH Assessments and manufacturers Data Sheets must be attached to the Method Statement.	Manual Handling. Noise. Vibration. Use of 110v Electric Breakers. Dust. Slip, Trips and Falls. Silica Dust. Hilti-HY 200-R Resin.
	See Appendix: N/A	
2.2	MANUAL HANDLING: What activities require manual handling? How will you minimise manual handling, what training will your operatives receive? See Appendix:	 Activities requiring manual handling:- Transferring of bagged waste materials through the property and in to wait and load skip Training and lifting methods Operatives will have been trained in the methods of kinetic lifting and handling techniques. Team lifting to be used for the transfer of materials up the staircases, under the direction of a competent co-ordinator. Team members will be fully fit and of similar abilities. Access to the staircase whilst the materials are being transferred will be prevented to all site personnel not involved in the lift. No person may be required to manually handle a load unless supervisors are satisfied that they are suitably fit, willing and able to do so.
2.3	HAND ARM VIBRATION: What tools will generate vibration above 2.5ms. How will you minimise vibration? See Appendix:	 Tools to be consider for HAV : Light Duty Breakers. Methods to minimise effect on user and surrounding environment Use High quality equipment only, with vibration reducing design. Observe the time limitations for using the equipment as set out by the manufactures. Works that are deemed to create vibration (primarily pneumatic tools and breaking out, but any prolonged use of mechanical tools) that could affect the adjoining properties will need to be
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Method Statement

		 carried out in two-hour periods i.e. two-hours of noisy works followed by two hours of non-noisy Vibration assessment to be undertaken Job rotation of activities Maintenance plant to include attachments i.e. cutting / drill bits Recording of vibration exposure to ensure limit value is not exceeded PPE to include gloves being worn.
2.4	NOISE: What activities will generate noise. How will you minimise noise? How will you define noisy areas? Will you undertake a noise assessment? See Appendix:	 Activities that will generate noise:- Breaking out Masonry. Methods to minimise effect on user and surrounding environment:- Use High quality equipment only, with noise reducing design. Observe any time limitations for using the equipment as set out by the manufactures. Based on the above use appropriate ear plugs/defenders whilst drilling or cutting. Consider exclusion zones, with appropriate signage, for prolonged noise. Have ear plugs/defenders available for other operatives / site personnel who may be affected by the work being undertaken. Works that are deemed noisy and / or create vibration (primarily pneumatic tools and breaking out, but any prolonged use of mechanical tools) that could affect the adjoining properties will need to be carried out in accordance with council requirements.
2.5	ACCESS / EGRESS: Describe access, both on to site and to the workplace once on site. Reference should be made to road names, width restrictions, entry/exit points, suitability for unloading, restrictions on stopping, parking etc. On site consideration should be given to one-way circuits and the separation of pedestrians and vehicular traffic. This section could also be used to describe availability of on- and off-site parking for contractors. Consideration of movements of material, operatives, vehicles, waste.	All site operatives, office personnel and visitors are to enter site via the front entrance on 82 Fitzjohns Avenue. A signing in / out book will be provided, which must be signed by all people entering / exiting the building. There is no designated parking for the project and 82 Fitzjohns Avenue is resident parking only. Some online pay parking is available on the surrounding streets.

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3.0	No. of Personnel/Job Title:	Initially
3.0	No. of Personnel/Job Title: Names If Applicable	2No. Carpenters
		2No. Handy Man
		2No. Labourers
		To be monitored and Increased if required to ensure complete in a timely manner.
3.1	Supervisor with Contact No:	Jay Denham (SMSTS) 07958 408 954
	or person on site that is in charge	Adam Johnson (SMSTS) 07714 593931
3.2	Plant / Equipment /Tools:	Heras Fencing and Connectors.
	This section is purely a list of plant and equipment	110v Chop Saw.
	that it is proposed to use on site. It may be useful	110v Circular Saw.
	to include dimensions, weights etc. This box can then be referred to later when specific risk	110v Jigsaw. 110v Breakers.
	assessments are attached for the various	Hand Tools.
	operations/activities. Copies of Plant/Equipment	Shovels.
	and maintenance records will be required	Brooms.
	including competency certification for all Operative	Rubble bags.
3.3	Materials:	Metal Hoarding Brackets / Plates.
	List of materials to be used	Hilti HAS Anchors.
		Hilti HIT HY200 Resin.
		Treated Timber Sections.
		WBP Plywood. Fixings.
		Bricks.
		Sand / Cement.
		Plasticiser.
3.4	Technical Information:	Architectural drawings.
	Any information that is critical to the Health &	Structural Engineer details / drawings. Refer to Harrison Shortt information for Hoarding
	safety of the project; this may include elements of the structural engineer's reports, previous Health	Structure.
	& Safety plans, any design drawings or	
	specifications that may be available.	
3.5	Waste Removal:	Waste to be removed from site in 'Wait and
	How will waste be removed from site? Consider	Load' lorries via 82 Fitzjohns Avenue. No skips to be placed and left on the road.
	location of skips, provision of bins and what collection arrangements will be put in place.	skips to be placed and left of the road.
	Disposal of controlled waste?	To maintain a safe and tidy site, remove
		waste efficiently, minimalise and reduce
		disruption to adjoining residents and
		members of the public, the following will be
		implemented: -
		Waste generated from the works to be
		removed from the area as the works
		proceed. Do not allow waste to build-up,
		block entrance routes and doorways.
		 Waste materials to be made safe for transfer
		transfer.
		 To enable the safe handling, reduce the potential for damage to the building and
		to reduce bulking, all waste to be broken
		into smaller, easier to handle, sizes
		wherever possible.

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		 The use of plastic rubble bags should be avoided wherever possible. If necessary, these should be re-used wherever possible. Waste collections to be coordinated with Site Management and contractor already on site to ensure no clashes Temporary removable barriers to be placed to de-mark the loading zone, and to prevent members of the public from entering the loading area. Plywood protection sheets to be placed on road / paved surfaces as required to protect the surface whilst materials are transferred across. All barriers and plywood to be removed upon completion of waste removal. All drivers to turn off the vehicles engines whilst parked up. There is to be no congregation of operatives in the loading area. Only operatives necessary to complete the load will be in attendance. Noise to be kept to an absolute minimum, with communication kept to only what is necessary to complete the safe and timely loading of the vehicle. A delivery coordinator is to supervise and coordinate all waste away activities, ensuring that the driver is aware of the site confines, barriers and plywood are placed as necessary, the loading area is cleaned of debris resulting from the waste away and the loading operatives work to the loading rules.
3.6	Housekeeping and Storage: How will materials be stored on site? How will you maintain the required standard of housekeeping?	 Personnel will ensure that their work areas are kept free of trip and slip hazards by ensuring that tools and materials are kept in a tidy manner. Tools not in use will be put away in toolboxes or secure containers. Cables will be routed safely to avoid trips. Personnel will report any obstructions to site management.

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4.0	Permits Required: Yes / No	Yes	
4.1	Permit Type:	Hoarding Licence	
4.2	Issued By:	Camden Council.	
4.3	Security Arrangements:	Confirm Works with Security	
4.4	Training of Persons Involved: Outline clearly activities requiring training that are going to take place on site. If a certain standard of training is required, then ensure it is detailed here. Operatives must be competent to undertake the tasks they are expected to carry out (all training requirements must be fulfilled prior to operatives being set to work) and Main Contractor will require copies of certification.	All Staff to be CSCS or CPCS holders, wherever possible. Where not possible, proof of competency / experience and internal training is to provided / completed. Only trained / competent operatives are to use tools. Toolbox talks to be undertaken minimum one per week.	
4.5	Site Rules, Inductions and Pre- Work Commencement:	 All site personnel must complete a Site Specific SICL induction. This will provide further information on the Safety, Logistics and Security arrangements of the site. At this induction, all operatives will be required to:- 1) Complete Site induction Form. 2) Complete Medical Questionnaire. 3) Complete COVID medical questionnaire. 4) Review COVID protocol document sign acceptance. 5) Provide evidence of training noted in section 4.4 of this document. 6) Provide signed briefing register of both this RAMS and any other applicable to the works. An Induction briefing register will also be maintained, which all operatives completing the induction must also sign. Prior to commencement of the works, Site Managers / Supervisor to conduct a brief tour of the site with operatives to further enable them to familiarise themselves with the arrangements briefed at the Induction 	

5.0	Mandatory Site PPE: As Per British and European Standard	The minimum requirement to be worn at all times on this project will be: Safety Helmet BS-EN 397 Safety Boots BS-EN 345 SBP Hi-Vis Vest BS-EN 471 Table 1 Class 3 Eye protection BS-EN 166.1.b Gloves EN388:2003
5.1	Task Specific PPE: Identified as per risk assessment. State grade and standard.	Ear defenders Eye protection BS-EN 166.1.b Gloves EN388:2003

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6.0	Emergency Arrangements For:	
6.1	Rescue: This should include address & phone no. of where the first aid kit is held and a rescue plan for specific operations E.g. Confined Space Falls from Height Isolated Work Areas	Should operatives need removal from site in the case of emergency. They will be accompanied by a colleague or operative where possible and taken to the First Aid room / area where further assessment will be made. If an operative is unable to be transported / moved, then Emergency Services will be called and the injured / ill party will be moved by professionally trained medics. Access / egress will be via the designated pedestrian routes.
6.2	First Aid on Site (Qualified Person): First Aid Equipment and certification required	Jay Denham Adam Johnson
6.3	Address / Tel. No. of Nearest Hospital with A&E Dept:	Royal Free Hospital Pond Street Hampstead, NW3 2QG T : 020 7794 0500

7.0	Pedestrian / Traffic Rerouting Arrangements: Will your works interfere with current pedestrian / traffic arrangements?	Hoarding to be constructed at agreed times with local council. Peak hours for foot traffic to Spring Walk to be avoided. Appropriate barriers / warning signage to be in place during hoarding construction.
7.1	Fire Safety Arrangements: Will your works create additional fire risks or additional requirements e.g. Hot Works	No additional fire risks
7.2	Responsibility for Task Lighting: Consideration should be given to site hours; this may immediately highlight the need for artificial lighting if work starts before first light or continues after dusk. Additionally, the requirement for general site lighting and specific task lighting would be inserted here	Safety / site temporary lighting will be provided. Should you feel this is insufficient, located incorrectly, hindering your work or is faulty, please notify Sherlock site management. Do not attempt to alter any lighting yourself.
	NO PORTABLE HALOGEN LIGHTS ALLOWED	

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8.0	To Whom the Information Will Be Communicated and How? <i>To Include Non-English-Speaking Operatives</i>	To all operatives to work on site. This will be communicated via hard copy, along with a pre-commencement tool box talk given by our Site Supervisor. Following initial briefing, works supervisor will carry out a safe start briefing on all subsequent days for the full duration of the scope of work.
8.1	Confirmation of Operatives Briefing:	Signed briefing sheets to be completed prior to commencement of works.

9.0	Person Responsible for Monitoring / Review of the Safe System of Work and Ensuring	Jay Denham – 07958 408 954
	Compliance: Show here who is responsible for this operation/task, and their contact numbers.	
9.1	Review Dates:	If Scope or method of work changes.
9.2	Amendments Authorised By:	Jay Denham
9.3	Amendments Communicated To:	To all relevant operatives
9.4	Date:	01.06.2022



Record of Risk Assessment & Method Statement Communication

Project:	82 Fitzjohn Avenue	Project no.	C394
Date:	01.06.2022	Sheet no.	1

The following people have been instructed in the contents of the below Risk Assessments and/or Method Statements and agree to comply with its requirements.

Risk	COSHH	Method	Other (Specify)
Assessment	Assessment	Statement	
RA-C394-001	COSHH–C394		

Please Insert Relevant Assessment Title & Reference Numbers.

ľ	5	Form Hoarding, Dismantling of Existing Boundary Wall for Site Access & Construction Purposes and Like for Like Reconstruction Following Completion of Works.
		Completion of Works.

Operatives must **Take 5** before works can commence and throughout task:

- **1. STOP –** Stand back, look at your environment.
- **2. THINK –** How you can carry out your task safely.
- **3. IDENTIFY –** The risk to yourself and others.
- 4. **CONTROL –** What can you do to reduce the risk to yourself and others.
- 5. **COMPLETE –** Complete your task safely.

Name:	Name:	
Signature:	Signature:	
Date:	Date:	
Name:	Name:	
Signature:	Signature:	
Date:	Date:	



Project:	82 Fitzjohn Avenue	Project no.	C394
Date:	01.06.2022	Sheet no.	2

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Project:	82 Fitzjohn Avenue	Project no.	C394
Date:	01.06.2022	Sheet no.	3

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RISK ASSESSMENT

Cor	ntract Nar	me: C394 : 82	Fitzjohns A	venue	Risk Assessment No: C394 -	RA-001				
					Assessors Signature:					
Ass	essors N	ame: Jay Denl	nam		Julium					
Ass	sessment	Date: 01.06.2	022		Review Date: 01.09.2022					
Pro	cess / Ac	tivity: Remova	I and Rein	statement of Boundary Wall						
-	_	-						Action Placed		
No	Hazard / Risk	Who Might Be Harmed & How	Risk Level (No Controls) L x C = R	Controls Introdu	Controls Introduced to Reduce Risk					
1	Public Interface	Operative and General Public	4 x 4 = 16	interference with general pSafety barriers with warning	utside of peak times to minimize bublic. ng signage to be in place to create working area while works are	Operative & personnel / general public in the vicinity of the	1 x 4 = 4	Site Manager		

• Trailing leads from portable tools are to be kept tidy and off of

• Access to and areas of works are to be sufficiently illuminated

waste.

access routes.

and void of trip hazards.Always be polite and considerate.

No	Hazard / Risk	Who Might Be Harmed & How	Risk Level (No Controls) L x C = R	Controls Introduced to Reduce Risk	Risk Owner	Remaining Risk Level L x C = R	Action Placed On
2	Manual Handling of Broken out Masonry	Operatives & third parties. Muscular & Ligament damage, cuts and abrasions.	4 x 4 = 16	 Training and lifting methods Operatives will have been trained in the methods of kinetic lifting and handling techniques. Debris to be bagged to enable lifting. Bags to not be over filled. 'Chain' team lifting to be used for the transfer of bagged debris through the building and up the staircase to point of storage / wait and load skip. Competent coordinator to be appointment. All team lifters will be fully fit and of similar abilities. No person may be required to manually handle a load unless supervisors are satisfied that they are suitability fit, willing and able to do so. PPE to be worn, including safety gloves Housekeeping maintained to minimilise waste build up and to keep access routes tidy. 	All Site Operatives	1 x 4 = 4	Site Manager
3	Slips & Falls	Operatives & third parties. Muscular & Ligament damage, cuts and abrasions.	4 x 4 = 16	 Work area to be cleared on regular basis to avoid accumulation of waste. Trailing leads from portable tools are to be kept tidy and off of access routes wherever possible. Access to and areas of works are to be sufficiently illuminated and void of trip hazards. Adequate task lighting to be provided as required. Trailing leads to be kept to a minimum where possible all leads to be routed of the floor. 	All Site Operatives	1 x 4 = 4	Site Manager

No	Hazard / Risk	Who Might Be Harmed & How	Risk Level (No Controls) L x C = R	Controls Introduced to Reduce Risk	Risk Owner	Remaining Risk Level L x C = R	Action Placed On
4	110v Electric Breakers	Operatives & third parties. Electrocution, death	2 x 5 = 10	 Ensure that tools are in good order, PAT tested and suitable for the task. Provide instruction and Tool Box Talks on safe use of tools. Ensure appropriate PPE for the tasks is issued and correctly used. Ensure safety guards are being used, where applicable. Do not use any tools if you aren't experienced and not confident to do so. 	Operative & personnel in the vicinity of the works.	1 x 5 = 5	Site Manager
5	Dust from Concrete Breaking	Operatives and 3 rd parties. Respiratory Disease, Industrial Asthma, Dermatitis, Eye Damage	3 x 4 = 12	 Natural ventilation to be used wherever possible. Mechanical means to be considered if not. Water dampening of dust to be completed at all times to prevent dust becoming air born. Dust to be vacuumed rather than swept wherever possible. Eye wash station to be available on-site. PPE to be worn, including FFP3 Dust-mask and Safety Glasses 	Operative & personnel in the vicinity of the works.	1 x 4 = 4	Site Manager
6	Noise	Operatives and 3 rd parties. Damage to Hearing	3 x 3 = 9	 Noise assessment to be undertaken Job rotation of noisy activities Maintenance plant to include attachments i.e. breaker bits Designation of noise control areas and limit access to other operatives PPE to ensure adequate hearing protection is provided and worn 	Operative & personnel in the vicinity of the works.	1 x 3 = 3	Site Manager

No	Hazard / Risk	Who Might Be Harmed & How	Risk Level (No Controls) L x C = R	Controls Introduced to Reduce Risk	Risk Owner	Remaining Risk Level L x C = R	Action Placed On
7	Vibration	Operatives and 3 rd parties. Arm Hand Vibration – White Finger	3 x 4 = 12	 Vibration assessment to be undertaken Job rotation of activities Maintenance plant to include attachments i.e. breaker bits Recording of vibration exposure to ensure limit value is not exceeded PPE to include gloves being worn 	Operatives	1 x 4 = 4	Site Manager

Risk Assessment Carried Out By: (Print and Sign) Jay Denham	Approved by: (Print and Sign): Brian Stack	Doc Number: C394 -RA-002
Date assessment carried out: 01.06.2022	Date of review : 08.06.2022	Rev: 00

Accident			Accident					Residual Risk
Likelih	ood		Consequence	e		Score	Factor	Action
Very Likely Likely	5 4	x	Catastrophic Major	5 4	=	17-25	High	Unacceptable Risk. Re-assess to eliminate/ reduce risk to Low/Med Factor
Fairly likely Unlikely	3 2		Moderate Minor	3 2		10-16	Medium	Consider further precautions to reduce risk to Low Factor within a given timescale Proceed with extra care if unable to
Very Unlikely	1		Insignificant	1		5 - 9	Adequate	Look to improve before next review
						1 - 4	Low	No further action required



Substance	Silica Dust
Supplier/ Manufacturer	N/A Silica dust is the product of cutting natural aggregates.
Describe the activity or work process. (Include how long and how often this is carried out and the quantity of substance used)	Cutting / Breaking Out of Masonry
How is substance applied (eg brush, spray)	Work Activity

Hazard Cla	Hazard Classification											
								\diamond				
Explosive	Acute Toxicity	Environmental Hazard	Corrosive	Oxidising	Flammable	Health Hazard	Serious Health Hazard	Gas Under Pressure				
			\checkmark			\checkmark						

Hazard Statements	Precautionary Statements
 H318 Causes serious eye damage H315 Causes skin irritation H317 May cause an allergic skin reaction H335 May cause respiratory irritation Wet Concrete Contact with wet concrete can cause: Irritant contact dermatitis. Caused by the combination of the wetness, alkalinity and abrasiveness of the concrete. Allergic contact dermatitis. Caused by individual sensitivity to chromium compounds which may occur in cement. Cement burns, a form of skin ulceration, may result from contact with freshly mixed concrete. Dry Concrete Dust Inhalation of silica particles in dust created by cutting or surface treatment of hardened concrete containing high silica aggregates (e.g. flint, quartzite, granite) may cause respiratory damage. 	 P102 Keep out of reach of children. P280 Wear protective gloves/protective clothing/eye protection/face protection. P305+P351+P338+P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician. P302+P352+P333+P313 IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. P261+P304+P340+P312 Avoid breathing dust. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell. P501 Dispose of product/packaging by hardening with the application of water and dispose of as concrete waste Skin contact with wet cement, fresh concrete or mortar may cause irritation, dermatitis or burns. May cause damage to products made of aluminium or other non-noble metals. Environmental precautions Do not wash cement down sewage and drainage systems or into bodies of water (e.g. streams).

Persons Affected By Work Activity										
Employees	✓	Contractors	✓	Public	✓	Young Persons		Visitors		

Engineering Controls							
Can the process be isolated?	No	Can the process be enclosed?	No	Can ventilation/extraction be used?	Yes		



Personal Protective Equipment							
		M				B	
Respiratory Protection	Face Shield	Protective Clothing	Gloves	Eyewear	Footwear	Respirators	Other
\checkmark	х	\checkmark	\checkmark	\checkmark	\checkmark	х	х

Workplace Exposure Limits (WEL) please indicate n/a where not applicable					
Long-term exposure level (8hrTWA): Inhalable Dust	10 mg/m³	Short-term exposure level (15 mins):	N/A.	Is health surveillance or monitoring required?	No.
Long-term exposure level (8hrTWA): Respirable Dust	4 mg/m³	Short-term exposure level (15 mins):	N/A.	Is health surveillance or monitoring required?	No.

Handling / Storage Requirements

Precautions for safe handling.

Work processes where generation of dust may occur must be performed under effective process ventilation (e.g. local exhaust ventilation). Wash hands before breaks, before using restroom facilities, and at the end of work.

Ensure good ventilation.

Avoid build-up of dust.

Avoid contact with skin or eyes

Eating, drinking, smoking, as well as food storage, is prohibited in the workroom.

Use working methods according to operating instructions

Observe directions on label and instructions for use.

General hygiene measures for the handling of chemicals are applicable.

Wash hands before breaks and at the end of work.

Keep away from food, drink and animal feeding stuffs.

Conditions for safe storage including any incompatibilities.

N/A – The dust is a by-product from the drilling process

Do not sweep. Use dry clean up methods such as vacuum clean-up or vacuum extraction, which do not cause airborne dispersion.



First Aid Measu	res
Inhalation	Move the person to fresh air. Dust in throat and nasal passages should clear spontaneously. Contact a physician if irritation persists or later develops or if discomfort, coughing or other symptoms persist.
Ingestion	Do not induce vomiting. If the person is conscious, wash out mouth with water and give plenty of water to drink. Get immediate medical attention or contact the anti poison centre.
Skin	Cement may have an irritating effect on moist skin (due to sweat or humidity) after prolonged contact or may cause contact dermatitis after repeated contact. Prolonged skin contact with wet cement or wet concrete may cause serious burns because they develop without pain being felt (for example when kneeling in wet concrete even when wearing trousers).
Eyes	Eye contact with cement (dry or wet) may cause serious and potentially irreversible injuries.

Fire-Fighting Measures

Suitable extinguishing Media.

Cements are not flammable.

Special hazards arising from substance or mixture.

Cements are non-combustible and non-explosive and will not facilitate or sustain the combustion of other materials.

Advice for firefighters

Cement poses no fire-related hazards. No need for special protective equipment for fire fighters.

Disposal of Substance/ Container

Do not dispose of into sewage systems or surface waters

Other Specific Control Measures Required

Screens to contain dust away from public.

Risk Rating Following Control Measures						
High]	Medium	Low			
Signature (asse		Imm				
Print: Jay Denh	nam					
Date: 01/06/202	22					

THE CONCRETE COMPANY

Health and Safety Data Sheet

COMPANY

The Concrete Company Station Road Thorney Nr. Peterborough Cambridgeshire PE6 0QE

COMPOSITION

Mixture of natural aggregates, cement and water. Other ingredients may include admixtures, Ground Granulated Blast-Furnace Slag (GGBS). Such additions are made to alter/improve the working characteristics of the material or to affect/enhance its hardened properties.

The resultant mixture is abrasive and alkaline.

HAZARDS IDENTIFICATION

Wet Concrete

Contact with wet concrete can cause:

- Irritant contact dermatitis. Caused by the combination of the wetness, alkalinity and abrasiveness of the concrete.
- Allergic contact dermatitis. Caused by individual sensitivity to chromium compounds which may occur in cement.
- Cement burns, a form of skin ulceration, may result from contact with freshly mixed concrete.

Dry Concrete Dust

Inhalation of silica particles in dust created by cutting or surface treatment of hardened concrete containing high silica aggregates (e.g. flint, quartzite, granite) may cause respiratory damage.

FIRST AID MEASUR	ES
Wet Concrete	
Eye Contact:	Immediately irrigate with clean water for at least 10 minutes. Seek medical attention.
Inhalation:	Remove patient to fresh air.
Skin Contact:	Where skin contact occurs with wet concrete, either directly or through saturated clothing, the concrete must be washed off immediately with soap and water.
	Where concrete enters boots, gloves or saturates clothing, the article should be removed immediately and washed before further use.
Ingestion:	DO NOT INDUCE VOMITING! Wash out mouth and drink plenty of water. Seek medical attention if large amounts are swallowed.

None needed: Material does not support combustion

ACCIDENTAL RELEASE MEASURES

Personal protection

Avoid skin and eye contact. Wear protective clothing.

Environmental measures

Avoid entering drains, sewers or water courses.

Methods of cleaning

Recover bulk spillage as quickly as possible in the wet or semi-dry state using a suction system or mechanical shovel.

HANDLING AND STORAGE

Wet Concrete

Avoid skin and eye contact. The mixture is abrasive and highly alkaline.

Concrete dust

Cutting and surface treatment of hardened concrete should be worked to minimise the creation of airborne dust. Engineering control measures such as containment and local exhaust ventilation should be applied when airborne dust exposure levels are approached.

EXPOSURE CONTROLS / PERSONAL PROTECTION

Take measures to prevent

Direct skin contact with fresh concrete should be avoided. It is also important not to kneel or sit on the material as harmful contact can occur through saturated clothing.

The surface treatment and cutting of hardened concrete can create dust which may contain quartz. If inhaled in excessive quantities over an extended period, respirable dust containing quartz can constitute a long term health hazard.

Exposure Control Limits / Source

Total Dust:		O.E.S 8 Hours T.	10mg/m³ W.A.
Respirable Dust:		O.E.S 8 Hours T.	4mg/m³ W.A.
Respirable Quartz: Crystalline Silica SiO ₂		M.E.L. 8 Hours T.	0.3mg/m³ W.A.
O.E.S. M.E.L. T.W.A.	Occupational Exposur Maximum Exposure L Time Weighted Avera	evel	

exposure controls / personal protection cont.

Concrete dust protection

Respiratory protection:	Suitable respiratory protective equipment to HSE approved standard.	
Hand protection:	Abrasive resistant gloves.	
Eye protection:	To HSE approved standard for dust goggles.	
Skin protection:	Overalls.	
Wet concrete personal protect	on	
Wet concrete personal protection:	on Impervious gloves.	

PHYSICAL AND CHEMICAL PROPERTIES

A mixture of aggregate, cementitious materials and water.

Abrasive and Alkaline typically pH10-14

STABILITY AND REACTIVITY

Not applicable

TOXICOLOGICAL INFORMATION

Wet Concrete

Eye contact:	May cause irritation or in severe cases, alkali burns.			
Skin contact:	Short term exposure may cause alkali burns; may cause acute allergic dermatitis in people sensitised to chromium compounds.			
	Long term exposure may cause irritant contact dermatitis; may lead to sensitisation of the skin to chromium compounds.			
Dry Concrete Dust				
Eye contact:	May cause transient irritation.			
Skin contact:	Unlikely to cause harm on brief or occasional contact.			
Inhalation:	Inhalation of large quantities of respirable silica may lead to progressive lung damage. This may cause permanent disability and in extreme cases, may be fatal.			
Ingestion:	No harm likely.			
Chronic:	Exposure to high levels of silica may case silicosis.			

ECOLOGICAL INFORMATION

Environmental Assessment

When used and disposed of as intended, no adverse environmental effects are foreseen.

DISPOSAL CONSIDERATIONS

Not hazardous. However, disposal subject to local authority current requirements and regulations.

TRANSPORT INFORMATION

Not hazardous: no vehicle labelling required.

REGULATORY INFORMATION

Statutory provisions

Health and Safety at Work, Act 1974 Consumer Protection Act 1987 Environmental Protection Act 1990 Control of Substances Hazardous to Health Regulations (COSHH) 1994

Guidance notes

Occupational Exposure Limits (EH40) Local Exhaust Ventilation (HS(G)37) Crystalline Silica (EH59) Control of Respirable Silica in Quarries (HS(G)73) Dust, General Principles of Protection (EH44) Waste Management - The Duty of Care

The above publications are available from HMSO or HSE

OTHER INFORMATION

Important notes

The information contained in this Safety Data Sheet does NOT constitute the user's own assessment of work place risk as required by other safety legislation. If purchasing on behalf of a third party who will work with the material, it is your statutory duty to pass on this information to them before such work begins.

If you are an employer, it is your duty to tell your employees and others who may be affected of any hazards described in this sheet and of any precautions which should be taken.

Further copies of this data sheet may be obtained from your local representative or office.



Substance	HIT-HY 200-R
Supplier/ Manufacturer	Hilti
Describe the activity or work process. (Include how long and how often this is carried out and the quantity of substance used)	Installation of Resin Fixing
How is substance applied (eg brush, spray)	Work Activity

Hazard Classification								
								\diamond
Explosive	Acute Toxicity	Environmental Hazard	Corrosive	Oxidising	Flammable	Health Hazard	Serious Health Hazard	Gas Under Pressure
						\checkmark		

Hazard Statements	Precautionary Statements
H317 May cause an allergic skin reaction H319 Causes serious eye irritation Hazardous Ingredients – Methacrylates, Dibenzoyl Peroxide	Avoid breathing dust/fume/gas/mist/vapours/spray. Wash hands, forearms and face thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection. If on skin: Wash with plenty of water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Specific treatment (see supplemental first aid instruction on this label). If skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Wash contaminated clothing before reuse. Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

Persons Affected By Work Activity												
Employees	\checkmark	Contractors		~	Public		Young	Persons		Visitors		
Engineering Controls												
Can the process be Yes isolated?		Can t	he proo	cess be enclos	ed?	No	Can venti be used?	lation/e	extraction	Ye	S	



Personal Protective Equipment							
	R	X				E	
Respiratory Protection	Face Shield	Protective Clothing	Gloves	Eyewear	Footwear	Respirators	Other
\checkmark	x	\checkmark	1	\checkmark	\checkmark	х	х

 Workplace Exposure Limits (WEL) please indicate n/a where not applicable

 HIY-HY 200-R
 Not Classified

Handling / Storage Requiremen	ts
General measures :	Spilled material may present a slipping hazard.
Environmental precautions :	Prevent entry to sewers and public waters.
	Notify authorities if liquid enters sewers or public waters.
Storage conditions :	Keep cool. Protect from sunlight. Store between 5 and 20 deg C.
Precautions for safe handling :	Wear personal protective equipment.
	Avoid contact with skin and eyes.
	Wash hands and other exposed areas with mild soap and water before
	eating, drinking or smoking and when leaving work.
	Provide good ventilation in process area to prevent formation of vapour.
Methods for cleaning up :	This material and its container must be disposed of in a safe way, and
	as per local legislation.
	Mechanically recover the product.
	Store away from other materials.
For containment :	Collect spillage.
Incompatible materials :	Sources of ignition
-	Direct sunlight
Incompatible products :	Strong bases
	Strong acids

First Aid Mea	asures
Inhalation	Remove person to fresh air and keep comfortable for breathing. Allow affected person to breathe fresh air Allow the victim to rest
Ingestion	Rinse mouth Drink plenty of water Get medical advice/attention. Do not induce vomiting Obtain emergency medical attention
Skin	Wash contaminated clothing before reuse. Wash with plenty of water/ If skin irritation or rash occurs: Get medical advice/attention.
Eyes	Rinse immediately with plenty of water Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if pain, blinking or redness persists and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
General	Take off immediately all contaminated clothing. Never give anything by mouth to an unconscious person



If you feel unwell, seek medical advice (show the label where possible)

Fire-Fighting Measures

Firefighting instructions

Use water spray or fog for cooling exposed containers Exercise caution when fighting any chemical fire Prevent firefighting water from entering the environment

Protection during firefighting

Self-contained breathing apparatus Do not enter fire area without proper protective equipment, including respiratory protection

Hazardous decomposition products in case of fire

Thermal decomposition generates : Carbon dioxide Carbon monoxide

Disposal of Substance/ Container

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

Other Specific Control Measures Required

General advice - For professional users only

Risk Rating Following Control Measures		
High	Medium	Low

Signature (assessor):	
Print : Jay Denham	
Date : 10/06/2022	



HIT-HY 200-R

Safety information for 2-Component-products

Issue date: 07/07/2020

Revision date: 07/07/2020

Supersedes: 15/10/2018

Version: 3.8

SECTION 1: Kit identification

1.1 Product identifier

Product name



Product code

1.2 Details of the supplier of the Safety information for 2-Component-products

Hilti, Inc. Legacy Tower, Suite 1000 7250 Dallas Parkway TX 75024 Plano - USA T +1 9724035800 1-800-879-8000 toll free - F +1 918 254 0522

SECTION 2: General information

Storage

Storage temperature : 5 - 25 °C

A SDS for each of these components is included. Please do not separate any component SDS from this cover page

This Kit should be handled in accordance with good laboratory practices and appropriate personal protective equipment should be used

SECTION 3: Kit contents

Classification of the Product

GHS-US classification

Eye Irrit. 2H319 - Causes serious eye irritation.Skin Sens. 1H317 - May cause an allergic skin reaction.

Label elements

GHS US labelling	
Hazard pictograms (GHS US)	GHS07
Signal word (GHS US)	Warning
Hazardous ingredients	methacrylates, dibenzoyl peroxide
Hazard statements (GHS US)	May cause an allergic skin reaction. Causes serious eye irritation.
Precautionary statements (GHS US)	Avoid breathing dust/fume/gas/mist/vapours/spray. Wash hands, forearms and face thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection. If on skin: Wash with plenty of water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Specific treatment (see supplemental first aid instruction on this label).
07/07/2020 US OSHA on	1/23



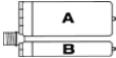
HIT-HY 200-R

Safety information for 2-Component-products

If skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Wash contaminated clothing before reuse. Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

Additional information

2-Component-foilpack, contains: Component A: Urethane methacrylate resin, inorganic filler Component B: Dibenzoyl peroxide, phlegmatized



Name	General description	Quantity	Unit	GHS-US classification
HIT-HY 200-R, A		1	pcs (pieces)	Skin Sens. 1, H317
HIT-HY 200-R, B		1	pcs (pieces)	Eye Irrit. 2, H319 Skin Sens. 1, H317

SECTION 4: General advice

General advice

For professional users only

SECTION 5: Safe handling advice	
General measures	Spilled material may present a slipping hazard
Environmental precautions	Prevent entry to sewers and public waters Notify authorities if liquid enters sewers or public waters
Storage conditions	Keep cool. Protect from sunlight.
Precautions for safe handling	Wear personal protective equipment Avoid contact with skin and eyes Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work Provide good ventilation in process area to prevent formation of vapour
Methods for cleaning up	This material and its container must be disposed of in a safe way, and as per local legislation Mechanically recover the product Store away from other materials.
For containment	Collect spillage.
Incompatible materials	Sources of ignition Direct sunlight
Incompatible products	Strong bases Strong acids

SECTION 6: First aid measures	
First-aid measures after eye contact	Rinse immediately with plenty of water Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if pain, blinking or redness persists
First-aid measures after ingestion	Rinse mouth Drink plenty of water Get medical advice/attention. Do not induce vomiting Obtain emergency medical attention



HIT-HY 200-R

Safety information for 2-Component-products

First-aid measures after inhalation	Remove person to fresh air and keep comfortable for breathing. Allow affected person to breathe fresh air Allow the victim to rest
First-aid measures after skin contact	Wash contaminated clothing before reuse. Wash with plenty of water/ If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures general	Take off immediately all contaminated clothing. Never give anything by mouth to an unconscious person If you feel unwell, seek medical advice (show the label where possible)
Symptoms/effects after eye contact	May cause severe irritation
Symptoms/effects after skin contact	May cause an allergic skin reaction.

SECTION 7: Fire fighting measures	
Firefighting instructions	Use water spray or fog for cooling exposed containers Exercise caution when fighting any chemical fire Prevent fire fighting water from entering the environment
Protection during firefighting	Self-contained breathing apparatus Do not enter fire area without proper protective equipment, including respiratory protection
Hazardous decomposition products in case of fire	Thermal decomposition generates : Carbon dioxide Carbon monoxide

SECTION 8: Other information

No data available