

Statutory basis: COSHH 2002 — sealants, primers, solvent cleaners and foams are assessed from their safety data sheets and exposure prevented or adequately controlled under regs 6 and 7, with health surveillance under reg 11 where isocyanate-containing products that can cause asthma are used regularly; DSEAR 2002 for flammable solvent cleaners and primers; RIDDOR 2013 reg 8 — diagnosed occupational asthma and occupational dermatitis are reportable; CAR 2012 — the asbestos register checked before old glazing compounds and mastics are cut out; Work at Height Regulations 2005 for sealing from access equipment; CDM 2015 regs 13 and 15. This document is the recorded safe system of work required by HSWA 1974 s.2(2)(a) and MHSWR 1999 regs 3 and 5.

1 DOCUMENT AND PROJECT IDENTIFICATION

RAMS REFERENCE	PROJECT / SITE REF	SITE NAME AND ADDRESS	DATE PREPARED	NEXT REVIEW DATE
CLIENT / PRINCIPAL CONTRACTOR	PLANNED START	DURATION	OPERATIVES	SUPERVISING THE WORK

2 SCOPE OF WORKS

Cleaning, priming and sealing glazing and frame perimeter joints with silicone, polyurethane and hybrid polymer sealants, glazing compounds and low-expansion foams, and cutting out old glazing sealant, inside buildings and externally from access equipment: exposure to isocyanates and solvents, flammable vapour, skin and eyes, blade work, and older materials that may contain asbestos or PCBs.

This document does not cover: structural silicone glazing (the system designer's procedure), fire-stopping sealants to a tested detail (KD-RAMS-FP-001), cutting out facade movement-joint sealants, including curtain wall interfaces (KD-RA-CL-004), and the installation the joints belong to (KD-RAMS-GL-001 and KD-RAMS-GL-006).

SITE-SPECIFIC SCOPE, LOCATIONS AND LIMITATIONS

3 RISK ASSESSMENT — SCORE EACH RISK FOR THIS SITE, THEN ADD WHAT IS MISSING

The hazards and controls below are the starting point for this activity, written by a working main contractor. They are not complete for your site until a competent person has scored each risk, added the site-specific hazards, and struck out anything that does not apply. Rate risks High / Medium / Low before and after controls.

1. Asthma and skin sensitisation from isocyanate-containing polyurethane sealants and foams

At risk: Applicators, others in enclosed rooms

Controls: Products identified from the safety data sheet before use, and any training the supplier states is required completed first. A non-isocyanate sealant used where the specification allows. Gloves and eye protection the data sheet names; enclosed rooms ventilated; RPE where the data sheet or assessment requires it. Regular users under health surveillance; anyone with wheeze or breathlessness stops using the product and is referred.

INITIAL (H/M/L)	RESIDUAL (H/M/L)	SITE-SPECIFIC ADDITIONAL CONTROLS, OR N/A	ACTION OWNER	BY WHEN

2. Fire from flammable solvent cleaners, primers and their vapour

At risk: Applicators, others nearby, the building

Controls: Only a day's quantity at the workplace, in the supplier's closed container or a labelled dispenser. No smoking, hot work or naked flames in the area while solvents are in use. Used wipes into a lidded metal bin taken out of the building at the end of the shift; solvents back to the flammables store.

INITIAL (H/M/L)	RESIDUAL (H/M/L)	SITE-SPECIFIC ADDITIONAL CONTROLS, OR N/A	ACTION OWNER	BY WHEN

3. Breathing solvent vapour and acetic-cure silicone fumes in enclosed rooms

At risk: Applicators, occupants

Controls: Windows or doors open, or mechanical ventilation running, during cleaning and sealing; containers closed between uses; breaks taken outside the room. In occupied buildings the work is timed with the occupier and the room kept clear until the vapour has gone.

INITIAL (H/M/L)	RESIDUAL (H/M/L)	SITE-SPECIFIC ADDITIONAL CONTROLS, OR N/A	ACTION OWNER	BY WHEN

4. Dermatitis and eye splashes from solvents, primers and uncured sealant

At risk: Applicators

Controls: Solvent-resistant gloves and eye protection as the data sheet names. Hands never cleaned with solvent or thinners — skin cleanser and washing facilities instead. Uncured sealant wiped off skin at once. Eyewash at the workplace; splashes irrigated at once and the person referred with the data sheet.

INITIAL (H/M/L)	RESIDUAL (H/M/L)	SITE-SPECIFIC ADDITIONAL CONTROLS, OR N/A	ACTION OWNER	BY WHEN

5. Old polysulphide sealants that may contain PCBs

At risk: Applicators, waste handlers

Controls: Old sealant of unknown type is not assumed harmless. Where it may be polysulphide from an older building, it is sampled and identified before disposal; it is cut out by hand, never by heat, bagged, labelled and kept apart from other waste until the result is known.

INITIAL (H/M/L)	RESIDUAL (H/M/L)	SITE-SPECIFIC ADDITIONAL CONTROLS, OR N/A	ACTION OWNER	BY WHEN

6. Cuts from knives and scrapers when cutting out old sealant and trimming

At risk: Applicators

Controls: Retractable or safety knives with fresh blades; cutting away from the body and the steadying hand; blades capped and into a sharps container; cut-resistant gloves while cutting out.

INITIAL (H/M/L)	RESIDUAL (H/M/L)	SITE-SPECIFIC ADDITIONAL CONTROLS, OR N/A	ACTION OWNER	BY WHEN

7. Disturbing asbestos-containing materials in existing buildings*At risk: Operatives, building occupants*

Controls: Check the asbestos register before any intrusive work (CAR 2012). No register, or unclear entries, means stop and refer. If suspect material is found: STOP, withdraw, secure the area and report it — the discovery procedure applies before any further work.

INITIAL (H/M/L)	RESIDUAL (H/M/L)	SITE-SPECIFIC ADDITIONAL CONTROLS, OR N/A	ACTION OWNER	BY WHEN

8. Work at height from steps, podiums, towers or MEWPs*At risk: Operatives, and anyone below*

Controls: Select access by the Work at Height hierarchy — podium or tower before steps; MEWPs by trained (IPAF) operators only. Inspect access equipment before use, establish an exclusion below overhead work, and secure tools and materials against dropping.

INITIAL (H/M/L)	RESIDUAL (H/M/L)	SITE-SPECIFIC ADDITIONAL CONTROLS, OR N/A	ACTION OWNER	BY WHEN

Site-specific hazards not listed above — every site has at least one:

HAZARD	WHO IS AT RISK	CONTROLS	INITIAL H/...	RESIDUAL...	ACTION OWNER	BY WHEN

4 METHOD — SEQUENCE OF WORK

- Get the safety data sheets for every sealant, primer, cleaner and foam. Brief the COSHH assessment, the PPE and the health surveillance arrangements; confirm any training the supplier requires has been done.
- Before cutting out old sealant, glazing compound or mastic, check the asbestos register — suspect or unrecorded material means stop and refer. Where old sealant may be polysulphide, arrange a sample before disposal.
- Set up access to the joints as the job's access arrangements require. Ventilate enclosed rooms.
- Bring only a day's quantity of solvent and primer to the workplace. Set out the lidded metal bin, the sharps container and the eyewash.
- Cut out old sealant by hand with safety knives, cutting away from the body. Bag and label the waste, keeping sampled material apart.
- Clean and prime the joint with the specified products, containers closed between uses and no ignition sources nearby.
- Fit the backing, then apply and tool the sealant to the specification and BS 8000-16:1997 practice. Wipe uncured sealant off skin straight away.
- STOP and ventilate or withdraw if anyone reports headache, dizziness, wheeze or eye irritation. STOP if suspect asbestos is found.
- At the end of the shift, used wipes to the lidded bin outside the building, solvents to the flammables store, hands washed.
- Leave joints protected while they cure for the time the manufacturer states. Record the products and batch numbers used.

SITE-SPECIFIC AMENDMENTS TO THE SEQUENCE**5 PLANT, EQUIPMENT AND MATERIALS**

- Sealant guns — battery-powered for long runs
- Retractable safety knives and scrapers
- Lidded metal bin for solvent wipes
- Labelled solvent dispensers and sample bags
- Eyewash at the workplace
- Towers, podiums or MEWPs as the access arrangements set

INSPECTION / THOROUGH EXAMINATION REFS**COSHH ASSESSMENT REFS****6 PPE — THE LAST LINE OF CONTROL, NOT THE FIRST**

- Head protection
- Safety footwear
- High visibility
- Gloves — task-rated
- Eye protection
- Hearing protection
- Solvent-resistant gloves as the data sheet names
- Eye protection when priming and cleaning
- RPE where the data sheet requires it

RPE TYPE, FACE-FIT STATUS, AND ANY OTHER PPE REQUIRED**7 PERMITS REQUIRED BEFORE THIS WORK STARTS**

No permit is normally required for this activity. The site's own rules may still require one — check before starting, and record any permit issued below.

PERMITS ISSUED FOR THIS WORK (OR NONE)

8 EMERGENCY ARRANGEMENTS — COMPLETE FOR THIS SITE

FIRST AIDER AND LOCATION	NEAREST A&E	ASSEMBLY POINT
HOW THE ALARM IS RAISED	EMERGENCY ACCESS FOR THIS WORK AREA	SPILL / ENVIRONMENTAL RESPONSE

9 BRIEFING RECORD — EVERYONE WORKING UNDER THIS RAMS SIGNS BEFORE STARTING

By signing you confirm the contents of this RAMS have been explained to you, you understand the hazards and controls, and you will work to the sequence stated. Tell the supervisor if the work or the site does not match this document — work stops until it does.

NAME	COMPANY	SIGNATURE	DATE

10 PREPARED AND ACCEPTED

Prepared / adapted for this site by — I confirm I have adapted this document to the site, scored the risks, and that it describes how the work will actually be done.

PRINTED NAME	ROLE / COMPETENCE	COMPANY	SIGNATURE	DATE	TIME

Accepted for the site by — principal contractor or site manager review.

PRINTED NAME	ROLE	COMPANY	SIGNATURE	DATE	TIME

Review this RAMS if the work, the site or the law changes, and at least before each new phase of the works. Flatten the completed PDF before filing so the record cannot be silently edited.

R REVISION HISTORY

Every revision of this document, and every review that found nothing to change. The revision on the front of this sheet is the one you are holding — check kubitdocs.com for the current one before use.

Rev	Date	Class	What changed	Authorised by
D0	2026-09-11	first-issue	First issue.	— not yet approved —
A0	2026-09-11	review	Approved for issue by the author. Content unchanged from the reviewed draft; the draft status strip is removed. No independent third-party review has been carried out.	Author — director, UK principal contractor, SMSTS. Not an independent review.

Class: first-issue · material (the law, a control, a field or the scope changed — past buyers are notified) · editorial (wording or layout only) · review (checked, nothing changed) · withdrawal. Revision prefix D = draft; not approved and not for sale; A = approved for issue by the person named, on the date shown.