

COSHH 2002 reg 6: exposure is assessed BEFORE the work starts; reg 7: it is prevented, or adequately controlled, working down the hierarchy — eliminate, substitute, engineer, then RPE last. This assessment covers the substance family below; it is completed against the actual products (their safety data sheets alongside) and the actual task, and briefed to the people exposed. The current workplace exposure limit, where one applies, comes from EH40 and the SDS on the day — write it in below.

1 ASSESSMENT DETAILS

SITE / PROJECT

TASK ASSESSED

PRODUCTS IN USE (SDS TO HAND)

ASSESSED BY

DATE

2 THE SUBSTANCE — WHAT IT IS AND WHAT IT DOES

WHERE IT IS MET: Two-pack polyurethane systems on floors, roofs, steelwork and joinery — mixed on the slab, rolled or sprayed in plant rooms, basements, lift shafts and car parks where the solvent load and the mist build. The isocyanate hazard itself is assessed in the Isocyanates sheet; this sheet is the coating task.

THE HARM: The hardener in every two-pack PU system is an isocyanate — the sensitiser is assessed in the Isocyanates sheet. What coating work adds is the place and the load: an enclosed floor or plant room full of solvent vapour and mist for a whole shift, the fire risk of that vapour, and skin contact with mixed product on the slab and the tools.

3 EXPOSURE — ROUTES, PEOPLE, LIMIT

☐ Inhalation — dust, fume, vapour or mist☐ Ingestion — hand to mouth☐ Skin and eye contact☐ Others affected — adjacent trades, occupiers, public

WHO IS EXPOSED, HOW LONG, HOW OFTEN

WEL / LIMIT (FROM EH40 AND THE SDS TODAY)

4 CONTROLS — IN THE REG 7 HIERARCHY, ALL IN PLACE BEFORE WORK STARTS

- ☐ Substitute a single-pack or water-based system where the specification allows — the biggest control available
- ☐ The isocyanate controls from that sheet in place first: air-fed RPE for any spray application, exclusion of everyone else, the SDS ratios and pot life
- ☐ The area ventilated for the whole shift and the flash-off period, not only while spraying — forced air into basements and plant rooms, exhausted to outside
- ☐ Ignition controlled throughout the area the vapour reaches — no hot works, heaters, pilot lights or unprotected electrics; quantities on the slab limited to the pour
- ☐ Mixing on a bunded board with nitrile gloves and eye protection; tools and part-used packs sealed as contaminated waste

SITE-SPECIFIC CONTROLS FOR THIS TASK

RPE WORN (TYPE, AND FACE-FIT WHERE TIGHT-FITTING)

OTHER PPE FOR THIS SUBSTANCE

5 HEALTH SURVEILLANCE, HYGIENE AND FIRST AID

Sprayers under the isocyanate health surveillance — lung function and questionnaires through occupational health; HSE describes annual urine biological monitoring as good practice for isocyanate sprayers.

6 STORAGE, SPILLAGE AND DISPOSAL

Hardeners sealed and dry (they react with moisture), away from heat. Mixed product cures in the tin and can build pressure; part-used hardener packs are contaminated waste.

WHERE IT IS STORED ON THIS SITE

SPILL RESPONSE AT THE WORK

7 SIGN-OFF AND BRIEFING

The assessment is complete when the people exposed have been briefed on it. Reassess when the product, task, quantity or location changes — not on an anniversary.

ASSESSOR — PRINTED NAME

SIGNATURE

DATE

WORKFORCE BRIEFED (DATE / RECORD REF)

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	2026-09-01	first-issue	First issue.	— not yet approved —
A0	2026-09-01	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.