

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: Laying GRP flat roofs and linings, moulded GRP repairs and tanking: polyester resin with a styrene carrier, a peroxide catalyst, and chopped strand mat. Styrene vapour is the exposure, worst on still warm days and in enclosed roofs and tanks.

THE HARM: Styrene irritates eyes and airways and affects the nervous system — headaches, dizziness, poor coordination, a hazard at height. Long-term exposure can affect memory and colour vision. The peroxide catalyst burns skin and eyes and is a fire risk on its own; the resin sensitises skin.

3 EXPOSURE — ROUTES, PEOPLE, LIMIT

☐ Inhalation — dust, fume, vapour or mist
☐ Skin and eye contact

☐ Ingestion — hand to mouth
☐ 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

- ☐ Read both SDSs — resin and catalyst — and use the catalyst ratio the supplier states; never mix catalyst with accelerator directly
- ☐ Work in the open air or with forced ventilation; no GRP laying in enclosed roofs, tanks or basements without the ventilation the RAMS sets and RPE per the SDS
- ☐ Gloves selected on the resin and glove suppliers' advice for styrene — thin disposable nitrile is not a default and is breached quickly; changed at the frequency the supplier states; eye protection when handling catalyst
- ☐ Ignition controlled around resin and catalyst; catalyst never near cotton or sawdust — it can ignite them
- ☐ Symptoms of dizziness or headache clear the roof first, investigate second

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

Regular users with symptoms referred; biological monitoring where occupational health advises for high-use crews.

6 STORAGE, SPILLAGE AND DISPOSAL

Resin and catalyst stored **SEPARATELY**, cool, in original containers; catalyst never above resin. Catalysed resin waste allowed to cure in thin layers — bulk waste heats up.

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.