

COSHH ASSESSMENT — TILE ADHESIVES AND GROUTS

COSHH — SUBSTANCE ASSESSMENT

Cementitious and epoxy tile adhesives, grouts and tanking slurries

KD-COSHH-TA-032 Rev A0

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: The tiler's sheet — cement chemistry is in the Cement sheet and epoxy in the Epoxy sheet; this is the task. Mixing bagged cementitious adhesives, grouts and tanking slurries, spreading and grouting by hand, and two-part epoxy grouts in wet rooms and commercial kitchens. Prolonged wet contact by hand and knee is the exposure, with dust on mixing.

THE HARM: Cementitious products are alkaline and cause burns and dermatitis; some contain chromate that sensitises for life. Epoxy grouts sensitise skin and airways. Mixing dust irritates eyes and lungs. Tilers spend the day with their hands in it.

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

Mix gently in ventilated areas, at arm's length; FFP3 RPE for mixing in small enclosed bathrooms

Waterproof gloves for cementitious products and the glove the SDS names for epoxy; changed at contamination

Kneeling protection; splashes and grout on skin washed off promptly, never left to dry

Epoxy products mixed in the stated ratio and pot life; uncured waste sealed

Wash before breaks; moisturise — tiler's dermatitis is preventable

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

Skin checks for regular tilers; epoxy users with symptoms referred.

6 STORAGE, SPILLAGE AND DISPOSAL

Bags dry and within shelf life; epoxy components sealed; washout kept out of drains.

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.