

COSHH ASSESSMENT — ACRYLIC AND MMA RESINS

COSHH — SUBSTANCE ASSESSMENT

Fast-cure methyl methacrylate flooring, coatings and anchoring resins

KD-COSHH-AC-025 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: MMA resin flooring and coatings in kitchens, car parks and plant rooms, and some fast-cure anchoring and repair products. The monomer vapour is strong, spreads through a building, and the cure is exothermic.

THE HARM: MMA vapour irritates eyes and airways and causes headaches and dizziness; the smell reaches occupiers well beyond the work area and causes complaints and evacuation. The uncured resin sensitises skin. The monomer is flammable.

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

Occupiers and adjacent trades warned and, where the RAMS says so, cleared — the vapour travels through risers and ductwork

Forced ventilation of the work area and the areas the vapour reaches; air intakes to occupied space isolated where the RAMS requires

The glove the SDS names — MMA passes through thin nitrile in minutes; laminate or butyl for handling monomer, nitrile only as a splash glove changed as soon as it is wetted; eye protection; RPE per the SDS for enclosed application

Ignition controlled throughout the area the vapour reaches, not only the room being coated

Cure time respected before re-occupation; the SDS re-entry guidance followed

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 respiratory or skin symptoms referred; a fresh-air break rule for enclosed application crews.

6 STORAGE, SPILLAGE AND DISPOSAL

Resin and initiator stored separately, cool, ventilated; mixed waste cured in thin layers outdoors — never bagged wet.

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.