

COSHH ASSESSMENT — BITUMINOUS PAINTS AND PRIMERS

Cold-applied bitumen paints, primers and liquid waterproofing

COSHH — SUBSTANCE ASSESSMENT

KD-COSHH-BP-027 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: Brush and roller application of bitumen primers before torch-on and self-adhesive membranes, cold bitumen tanking to foundations and retaining walls, and bituminous coatings to steel and pipework. Solvent-borne systems are the exposure; water-based ones far less so.

THE HARM: Solvent vapour causes headaches, dizziness and irritation, and the vapours are flammable — a primer applied inside a basement or manhole ahead of a torch is a fire and fume sequence waiting to happen. The material stains and defats skin and causes dermatitis.

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

Water-based primers and coatings substituted where the membrane manufacturer allows

Solvent primers applied with ventilation; never in a confined space without its permit and forced air

The flash-off period respected before any torch or hot work follows — the hot works permit checks it

Nitrile gloves, sleeves and eye protection; no solvent washing of skin

Quantities on the roof or in the pit limited to the task; lids on

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; dermatitis investigated.

6 STORAGE, SPILLAGE AND DISPOSAL

Flammable store for solvent products; rags and rollers soaked in solvent bitumen disposed daily in closed containers.

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.