

## BE SAFE WITH MbOCA

MbOCA is used as a curing agent for epoxy-resin bonding systems in the manufacture of polyurethane articles. It is subject to the COSHH Regulations and is suspected of causing bladder cancer. The main routes of exposure are by absorption through your skin or by ingestion and to be safe with MbOCA you must follow these safe methods of work at all times. Your employer has a legal duty to ensure your health and safety by providing suitable control equipment, adequate systems of work and information and training on the hazards and risks of working with MbOCA and other chemicals. You have a legal duty to co-operate and to use the controls provided.

### DO

1. Always protect your skin from contact:
  - a. Use gloves impervious to MbOCA in addition to any other gloves worn for heat or other protection;
  - b. Inner nitrile gloves or inner cotton liners with outer terry gloves are recommended;
  - c. Replace contaminated gloves or clothing as necessary to avoid skin contact;
  - d. When removing gloves always follow the guidelines to avoid contamination e.g. remove inside out (see the HSE posters).
  - e. Dispose of contaminated items in the hazardous waste bins, not on the table or floor;
  - f. Wear long sleeved tops / jackets or coveralls and have them cleaned regularly.
2. Wear eye protection.
3. Ensure extraction systems are on and working correctly.
4. Take care to avoid splashing when handling MbOCA.
5. Clean any spillages / splashes immediately to avoid the spread to others or other areas. Use HEPA filtered vacuums for cleaning up loose solids. Have a periodic routine clean of all surfaces where there is potential for contamination spread.
6. Use decontamination solvents to clean liquid spills or splashes.
7. Remove all PPE correctly when leaving the area and wash hands thoroughly before eating, drinking or smoking.
8. Avoid cross contamination.
9. Thoroughly wash contaminated skin immediately.
10. Report any incidences of contamination, however small, to your supervisor.
11. Take part in regular urine tests organised by your employer.
12. **Consult your Doctor immediately if you suspect blood in your urine.**

## BE SAFE WITH MbOCA

### DON'T

1. **DON'T** handle MbOCA unless you are trained, competent and authorised to do so and you protect your skin from contact.
2. **DON'T** handle uncured items with unprotected hands.
3. **DON'T** clean moulds used with MbOCA with unprotected hands.
4. **DON'T** rely on a single layer of glove, use two or more.
5. **DON'T** wear nitrile type gloves for so long that your skin sweats badly. Change them frequently and/or wear them over thin cotton liner gloves.
6. **DON'T** risk contaminating other areas. Don't touch your skin (wiping / scratching) or clothing with contaminated gloves. Good hygiene is essential. Remove potentially contaminated PPE when leaving the work area.
7. **DON'T** consume food or beverages on the shop floor especially when working.
8. **DON'T** take work clothing home.
9. **DON'T** use water to clean MbOCA contamination – it's insoluble.
10. **DON'T** use brooms or "normal" vacuum cleaners to clean up spills of un-melted pellets, granules or dust – you will just spread it further.
11. **DON'T** perform maintenance, major clean-ups or repairs unless you are wearing:
  - full body Tyvek style or Microguard disposable PPE;
  - gauntlet style impervious gloves;
  - eye protection and;
  - P3 RPE.

**IF IN DOUBT – ASK! – You can get additional information from: Your Supervisor, Manager and H & S department, the COSHH Risk Assessment, the supplier's Material Safety Data Sheet and the HSE Rubber Website.**

## BE SAFE WITH MbOCA



## Health and Safety Executive

## Correct removal of gloves

Single use gloves (splash resistant)

**Follow the steps shown**



[www.hse.gov.uk](http://www.hse.gov.uk)

## BE SAFE WITH MbOCA

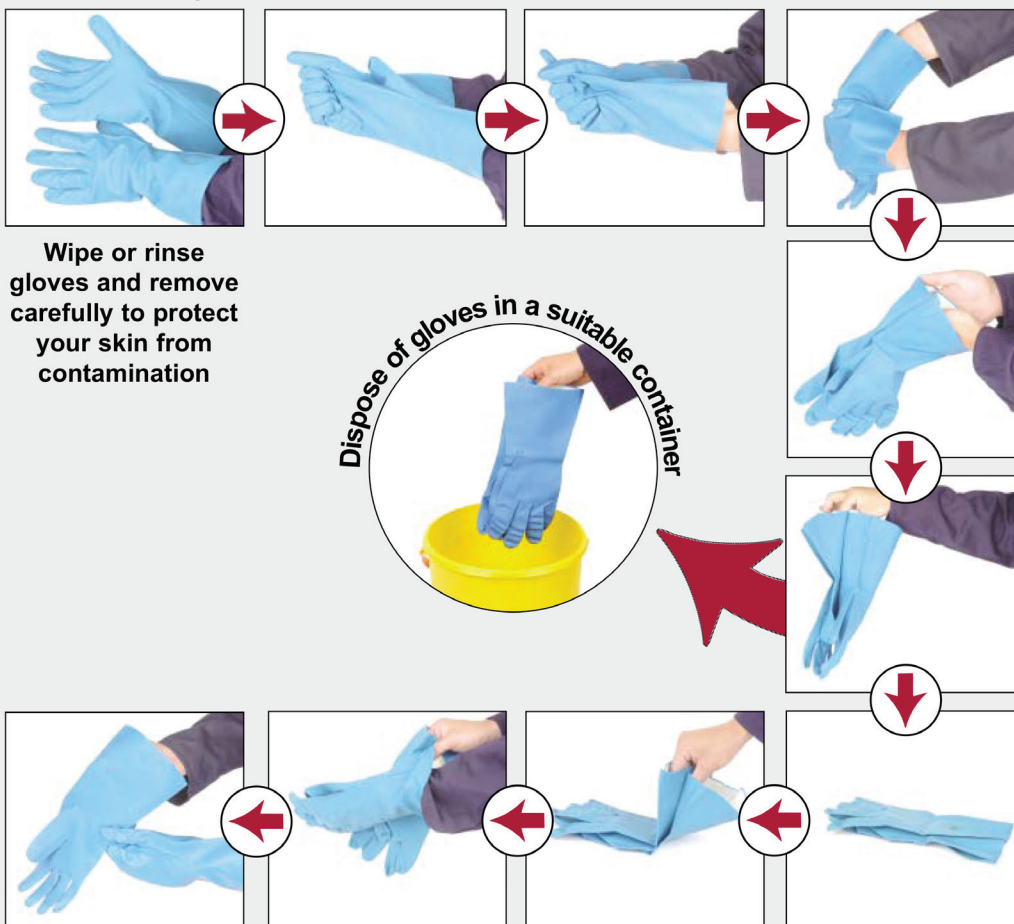


Health and Safety  
Executive

### Correct removal of gloves

Reusable gloves (chemically resistant)

Follow the steps shown



- Always select the correct size gloves
- Use gloves for no longer than one day