2.10 of the COSHH regulations state that “employers should only consider a substance hazardous if it is hazardous in the work activity in which it occurs”.

This places a duty on the competent person to assess the substances with a hazard warning label on to see if it poses a risk during the work activity.

Use the sheet below to look at your products with a hazard warning label on and consult with the users of this substance to assess its hazardous nature. Each time a new product comes in, check the list and see if it already appears or assess it as a new product. Do this by appreciating the hazardous substance and then thinking about how it is used and what PPE is worn. Only then can we know if it is hazardous in the work activity. If it is, then perform a COSHH risk assessment.

At least annually, the list should be checked for relevance and updated as necessary.

| Date  | Product name | Hazardous substance it contains | What is the work activity? | Is it hazardous in the work activity? | Does it require further assessment? |
| --- | --- | --- | --- | --- | --- |
| 10.2.22 | Acid etch | Orthophosphoric acid | Placed on a tooth’s enamel to roughen it prior to bonding and placing a filling | Yes – although PPE is worn, during the washing off phase, acid can splash onto the skin | Yes – see COSHH folder |
| 10.2.22 | Alkazyme | Carbonate of sodium | Used as a disinfectant  | No as PPE is worn | No  |
| 10.2.22 | Apex handpiece oil | Aerosol cannister | Oiling hand pieces prior to sterilisation | No as full PPE is worn | No  |
| 10.2.22 | Bis Cover | Bis (Beta-Chloroethyl)-Amine Hydrochloride; N,N-Bis (2-Chloroethyl) Amine Hydrochloride  | Used to go over temp crowns | No as full PPE is worn | No |
| 10.2.22 | Bond  | Methyl methacrylate | After etching the tooth with acid, bond is placed to adhere the composite to the cavity | Yes it is an inhalation risk | Yes – see COSHH folder |
| 10.2.22 | Dettol | alcohol | Floor disinfectant | Not to skin as gloves are worn but could be to eyes, however it is used in a bucket so not sprayed or used near eyes | No  |
| 10.2.22 | Eurosept max bur | Alcohol  | Used as a disinfectant  | No as PPE is worn | No  |
| 10.2.22 | Flash bathroom | Alcohol  | Cleaning the bathrooms | No because gloves are worn | No  |
| 10.2.22 | Impressiv | Alcohol  | Used as a disinfectant  | No as PPE is worn | No  |
| 10.2.22 | Kalzinol  | Eugenol  | Mixing with an accelerator to make it set prior to placing in the patient’s mouth | No – PPE is worn and there are no special disposal considerations | No  |
| 10.2.22 | Ketac fil etc | Glass powder | The capsule is placed in a machine to mix powder and accelerator together for a filling | No PPE is worn & the capsule is contained and no possible contamination of eye can occur | No  |
| 10.2.22 | MD555 | Citric Acid MonohydratePhosphoric Acid | Suction cleaner daily | Yes - Severe eye irritation, although PPE should be worn it contains phosphoric acid | Yes due to acid content - See COSHH folder |
| 10.2.22 | Mikrozid | Alcohol  | Used for disinfecting work surfaces | No as PPE is worn | No  |
| 18.6.19 | Racestyptine Solution | Ethanol and aluminum chloride hexahydrate  | To move the gum out of the way to get a clear impression | No as full PPE worn | No |
| 3.1.18 | Relyx | Glass powderMethacrylated phosphoric acid esters | The capsule is placed in a machine to mix powder and accelerator together for a cement | No PPE is worn & the capsule is contained and no possible contamination of eye can occur | No  |
| 18.6.19 | Steradif | Sodium carbonate peroxyhydrate Benzenesulphonic acid  | Used for disinfecting impressions | Yes – corrosive to skin and harmful dust | Yes due to having to make up the powder with liquid |
| 10.2.22 | Steragel  | Alcohol  | Used for disinfecting hands | Yes - It can cause sensitivity so needs to be assessed for health surveillance | Yes due to sensitivity – see COSHH folder |
| 10.2.22 | Ultrablend plus | Possible irritant | Used to line cavities | No as PPE is worn | No  |
| 29.1.18 | Visco gel | Ethyl alcohol | Denture liner | Yes - Potentially a flammable risk | Yes see COSHH folder |
| 18.6.19 | Zinc Phosphate liquid | Orthophosphoric acid | Temporary filling or cement a crown | No – PPE is always worn  | No |