

Automotive Aftermarket Repair Process

Reducing risks in the bodyshop – your guide to PPE.

They say prevention is better than the cure and it's no different when looking to reduce the risks in your bodyshop. Although Personal Protection Equipment (PPE) is one way to protect your workforce, often controlling the hazard at the source may reduce the need for PPE altogether.

Here are 4 points to consider when you're evaluating the risks of hazard within the bodyshop:













1. Elimination: can the process be modified to eliminate the hazard?
2. Substitution: can the process/product be substituted for something less toxic?
3. Separation: can you totally enclose the process or add local extraction?
4. PPE: this should be the last option. Protects the individual not the workplace

Even with preventions and controls in place, it may not be enough to reduce risks to your employees, which is why we've created this handy guide to help you select some protection whatever the task.



Application	Hazard	Advisory PPE	Suggested Products	Unsuitable PPE
Dry sanding and grinding	Inhalation of dusts (and other fine particles)	Particulate respirator	Foldable FFP2 disposable respirator (06923+)	Nuisance dust mask
			Cup-shaped FFP2 disposable respirator (06922)	
	Eye damage from flying particles	Impact resistant goggles (machine use)	Premium line goggles (2890S) polycarbonate lens (grade B)	Grade F goggles
			Spectacles (hand sanding only)	Classic line spectacles (2720) or SecureFit™ spectacles (SF201AF)

Table continued overleaf.

Application	Hazard	Advisory PPE	Suggested Products	Unsuitable PPE
Dry sanding and grinding	Noise	Hearing protective equipment	Banded ear plugs (1310) 	
			Disposable ear plugs (1100) 	
			Reusable earplugs (1261) 	
			High comfort ear defender (X2A) 	
Welding	Inhalation of welding fumes and ozone gas	Particulate respirator with carbon layer	Welding fume respirator (06920) 	Nuisance dust mask
	Eye damage from UV/IR light	Welding shield	Speedglass™ welding shield (751220) 	
Paint spraying	Inhalation of isocyanates found in 2-pack paints	Supplied air breathing apparatus	6000 Series full face mask with supplied air system (06972) 	Particle respirator (e.g. 0922)
			7500 series half face mask with supplied air system (06972) must be used with eye protection e.g. goggles and biological monitoring performed 	Gas and vapour respirator (e.g. 6941)
			Premium line goggles (2890SA) 	Mask with filters (e.g. 6000 series full face with cartridge filters)
Degreasing	Inhalation of solvent vapours	Gas and vapour respirator	Maintenance free respirator (06941 – FFA1P2 R D) or (06942 – FFA2P3 R D) 	
Mixing paint (where there is sufficient ventilation)	Inhalation of solvent vapours	Gas and vapour respirator	Maintenance free respirator (06941 – FFA1P2 R D) or (06942 – FFA2P3 R D) 	
Non-isocyanate based	Eye irritation from vapours and chemical splash	Chemical resistant goggles	Premium line goggles (2890SA) Acetate lens 	Polycarbonate lens

Application	Hazard	Advisory PPE	Suggested Products	Unsuitable PPE
Adhesives, coatings and sealers	Inhalation of mists (low concentration) and nuisance level** vapour Inhalation of vapours and mists (above nuisance levels) Eye irritation from vapours and chemical splash	Particulate respirator with nuisance level vapour protection	Disposable speciality respirator (09914 valved)	Disposable particulate respirator (06923+)
Non-isocyanate based			Disposable speciality respirator (06998) unvalved)	
		Maintenance free respirator (06941 – FFA1P2 R D) or (06942 – FFA2P3 R D)		
		Premium line goggles (2890SA)		
Polishing and compounding	Inhalation dust (where vapour/ odour is present refer to solutions for adhesives, coatings and sealers above)	Particulate respirator	Foldable FFP2 Disposable Respirator (06923+) Cup-shaped FFP2 Disposable Respirator (06922)	

The above table is for guidance purposes only. It is the employees responsibility to conduct a risk assessment. Full product use limitations are available on our website. Read product instructions before use. Wearers of tight fitting respirators should be clearly shaven and fit tested before use.



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