

Task	Hazard	Route of Exposure	Potential Health effect/toxicity	PPE and Controls to Use
Removal of damage, cutting	Fumes may contain lead, chromium, other metals	Inhalation	Respiratory irritation, others depending on nature of cut material	Welding shield, cartridge HEPA, only apply torch to clean metal surfaces
Frame straightening	No chemical/dust hazard			
Welding	Fumes may contain lead, chromium other metals	Inhalation	Respiratory irritation, others depending on nature of cut material	Welding shield, cartridge HEPA, only weld on clean bare metal surfaces
Grinding	Dust	Inhalation	Respiratory irritation, others depending on nature of material	Cartridge HEPA
Reassembly	No chemical/dust hazard			
Bondo/filler applying	Styrene, solvents	Inhalation, skin contact	Respiratory irritation, cancer	Gloves (PVA & polyethylene)
Bondo/filler sanding	Polyester, polystyrene dusts	Inhalation	Respiratory irritation	Cartridge HEPA or for short jobs dust mask, mechanical sanding with local exhaust ventilation on tool, gloves
Masking/taping	No chemical/dust hazard			
Mixing primer/sealer	Solvents, isocyanate	Inhalation, skin contact	Respiratory irritation, solvent intoxication, asthma	Cartridge respirator with OV cartridges, ventilated mixing station, nitrile gloves
Sanding new parts or old paint	Paint dust (may contain lead, chromium other metals), plastic dust	Inhalation	Respiratory irritation	Mechanical sanding with local exhaust ventilation on tool, cartridge HEPA or for short jobs dust mask
Priming/sealing	Solvents, isocyanate	Inhalation, skin contact	Respiratory irritation, solvent intoxication, asthma	Use spray booth, supplied air respirator or for small jobs cartridge respirator with OV cartridges and overspray N95 pads, nitrile gloves
Mixing basecoat (color)	Solvents	Inhalation, skin contact	Respiratory irritation, solvent intoxication	Cartridge respirator with OV cartridges, ventilated mixing station, nitrile gloves
Spraying basecoat	Solvents	Inhalation, skin contact	Respiratory irritation, solvent intoxication	Use spray booth, supplied air respirator or for small jobs cartridge respirator with OV cartridges and overspray N95 pads, nitrile gloves
Mixing Clearcoat	Solvents, isocyanate	Inhalation, skin contact	Respiratory irritation, solvent intoxication, asthma	Cartridge respirator with OV cartridges, ventilated mixing station, nitrile gloves
Spraying clearcoat	Solvents, isocyanate	Inhalation, skin contact	Respiratory irritation, solvent intoxication, asthma	Use spray booth, supplied air respirator or for small jobs cartridge respirator with OV cartridges and overspray N95 pads, nitrile gloves
Gun cleaning	Solvents, isocyanate	Inhalation, skin contact	Respiratory irritation, solvent intoxication, asthma	Cartridge respirator with OV cartridges, enclosed gun cleaner, nitrile gloves
Sanding primer	Dusts	Inhalation, skin contact	Respiratory irritation, solvent intoxication, asthma	Cartridge HEPA, nitrile gloves
Untaping	Isocyanate	Skin contact	Sensitization	Nitrile gloves
Compounding	Isocyanate	Skin contact	Sensitization	Nitrile gloves
Washing, detailing	Isocyanate	Skin contact	Sensitization	Nitrile gloves