



## Section 1

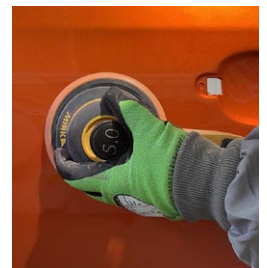
# Health & Safety



## Health & Safety:

# PPE

Always ensure you have the correct/appropriate PPE available for all the processes covered within this guide.



Appropriate examples of typical PPE items required for most Workshop and Paintshop operations:

- Protective Work Wear for the Workshop Environment
- Professional Bodyshop Coveralls and Spray Suits
- Workshop Safety Footwear
- Safety Goggles and Glasses
- Ear Defenders and Disposable Ear Plugs
- Protective Gloves/Rigger/Gauntlets
- Nitrile Disposable Gloves
- Protective Particulate Dust and Fume Masks
- Fully Regulated Air Fed Respirator
- Bodyshop/Paintshop Compatible Hand Cleaners/Conditioners and Barrier Cream
- First Aid Stations and Eye Wash product





## Health & Safety:

# EV vehicles

### Refinish Painting Vehicles with High Voltage Battery Systems

Vehicles with high voltage battery systems should be repaired and painted by trained professionals with knowledge of vehicle and high voltage electricity repairs.

Vehicle repair and paint technicians should refer to the vehicle manufacturer's specific instructions and recommendations.

### OEM Manufacture Recommendation

| Manufacturer      | Maximum Baking Temperature                                       | Maximum Baking Time       |
|-------------------|------------------------------------------------------------------|---------------------------|
| Audi              | <70°C                                                            | <90 minutes               |
| BMW               | 60°C                                                             | 120 minutes               |
| Ford              | <60°C                                                            | <45 minutes               |
| Honda             | 65°C                                                             | 60 minutes                |
| Jaguar Land Rover | <80°C<br>Infra-red 18kW                                          | <60 minutes<br>18 minutes |
| Mazda             | <60°C                                                            | None                      |
| Mercedes-Benz     | <80°C                                                            | 60 minutes                |
| Nissan            | 60°C                                                             | Not Specified             |
| Opel              | 60°C                                                             | 60 minutes                |
| Porsche           | 60°C<br>80°C                                                     | 120 minutes<br>60 minutes |
| Tesla             | 60°C                                                             | 45 minutes                |
| Toyota            | 60°C (Lithium-ion battery)<br>65°C (Nickel metal hybrid battery) | None                      |

For additional information, please see our [Technical Bulletin for Painting Vehicles with High Voltage Battery Systems](#)

This information is given in good faith and without warranty. PPG will assume no liability for injury or property damage due to failure to properly follow instructions or for repairs attempted by unqualified technicians. Vehicle manufacturers' instructions may change or be updated from time to time, always refer to the most up-to-date guidelines.