

# 3M safety solutions for painting and coating to help them give their best

## Painting and coating hazards



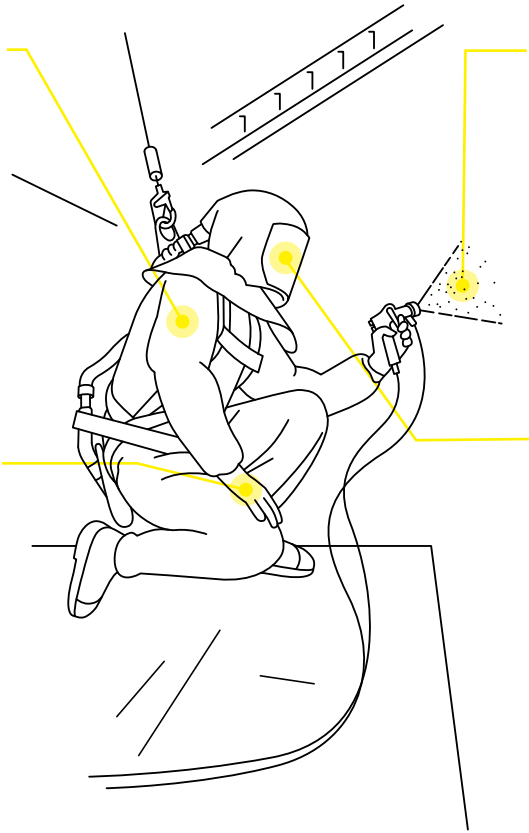
### Heat stress

Wearing protective clothing during painting and coating operations can put additional stress on workers, especially in hot and humid conditions. **3M provides protective coveralls that not only protects workers but helps make them feel comfortable.**



### Skin exposure hazard

Many paint components, including organic solvents and isocyanates, present skin contact hazards requiring PPE or other exposure controls. PPE may include protective coveralls and face shield and chemical resistant gloves. Protective coveralls should provide resistance to liquid splashes and/or hazardous dusts depending on type of paint applied. **3M offers a variety of coverall options.**



### Vapor/particulate hazard

The type of paint and application method are two important considerations when determining operator exposure risk to respiratory hazards. Respirator selection depends on the paint type (water-based, solvent-based, or powder coat), and specifically the paint contaminants and their airborne concentrations. **3M offers various types of respiratory protection for painting operations.**



### Eye injury hazards

Protective eyewear should be appropriate for the type of coatings applied, application methods, and controls in place. Safety goggles may be needed for liquid spray applications or aerosols such as powder paint coating operations. Face shields are considered supplemental protection and should be used only in combination with approved safety glasses or goggles. **3M is ready to help you select the appropriate eye protection.**

## 3M safety solutions for industrial painting and coating



### Heat stress

Heat stress can be a major concern in many workplace environments and excessive exposure to heat can seriously impact worker health and safety. A written and effective heat stress policy is key in helping to reduce heat stress issues in the workplace. This includes accurate measurement of environmental conditions, implementing an effective hydration program, and establishing work-rest cycles. Do you know what you need to help stay safe?



Protective coverall



PAPR



### Vapor/particulate hazard

Workers exposed to various types of vapors and particulates may require appropriate respiratory protection. For painters, you can choose from many types of respirators such as the Aura™ series filtering facepiece respirators, which protects from dusts and mists or Secure Click™ reusable respirator which allows easier communication while working. Some solutions also integrate a powered air purifying respiratory (PAPR) system.



Filtering facepiece respirator



PAPR



Reusable respirators



### Skin exposure hazard

Skin hazards risks should be reduced through elimination, substitution, or use of engineering and administrative controls. If it is still not possible to control exposure to a safe level, then PPE should be used. Gloves and protective coveralls are examples of PPE used to help control exposure to skin hazards. PPE can also be used as an interim measure while other long-term controls are being put in place.



Protective coverall



PAPR



### Eye injury hazards

Appropriate eye and face protection may be needed to help minimize exposure for your workers, 3M offers Securefit™ series safety glasses that help protect eyes from foreign body injuries.



Eyewear



PAPR