















WORKPLACE/OCCUPATIONAL RESPIRATOR APPLICATION GUIDE



Always read and follow all user instructions.

For additional information to help you select appropriate 3M™ Respirators for your workplace, including a list of applicable airborne contaminants, please visit: **3M.com/respiratorselector**

POTENTIAL APPLICATIONS

	Disposable Respirators				Disposable Respirators with Cool Flow™ Valve				Reusable Respirators					
	N95	N95	R95 Nuisance Level Acid Gas Odor ¹ Relief	R95 Nuisance Level Organic Vapor Odor ¹ Relief	N95	N95 Welding	P95 Nuisance Organic Vapor Odor ¹ Relief	N100 Lead	OV/P95	OV/P95 Full Face	P100 Lead & Mold Nuisance Organic Vapor Odor ¹ Relief	P100 Lead Paint	OV/P100	OV/AG/P100
	Products													
	 9205+	 8110S 8200 8210 8210Plus	 8246	 8247	 8511	 8515	 8577	 8233	 52P71 6111 6211 6311 6502QL 7511 7512 7513	 68P71 69P71	 6297	 62093	 65021	 65023 62023 65023QL 63023
WOODWORKING														
Painting				Nuisance Level Odor ¹					X	X			X	X
Sanding, Sawing, Lathing, Routing, Drilling	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Varnish, Staining				Nuisance Level Odor ¹			Nuisance Level Odor ¹		X	X	Nuisance Level Odor ¹		X	X
Certain Cleaning Solvents (like paint thinner and mineral spirits)				Nuisance Level Odor ¹			Nuisance Level Odor ¹		X	X	Nuisance Level Odor ¹		X	X
Glues				Nuisance Level Odor ¹			Nuisance Level Odor ¹		X	X	Nuisance Level Odor ¹		X	X
CUSTODIAL														
Dust from Basement, Garage, etc.	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Fireplace Cleaning				X			X		X	X	X		X	X
Cleaners - Bleach			Nuisance Level Odor ¹											X
Window Cleaner, Floor Cleaner (solvent-based only)				Nuisance Level Odor ¹			Nuisance Level Odor ¹		X	X	Nuisance Level Odor ¹		X	X
Sweeping, Vacuuming	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Pool/Hot Tub Cleaning, Chlorinated Materials														X
Rust Removal with Acid-based Solution														X
ABATEMENT														
Mold Removal - Dry Removal ²	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Mold Removal - Bleach ²			Nuisance Level Odor ¹											X
REMODELING AND REPAIR														
Cement Mixing ³			See www.OSHA.gov or Call 3M at 1-800-243-4630											
Cutting or Sanding Sheetrock/ Drywall/ Plaster ³	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Driveway Resealing				Nuisance Level Odor ¹			Nuisance Level Odor ¹		X	X	Nuisance Level Odor ¹		X	X
Installing Fiberglass Insulation	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Insulation (spray foam) ⁴									X	X			X	X
Coatings (powder)	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Cutting Brick/Pavers, Stone Dust, Brick Dust ³			See www.OSHA.gov or Call 3M at 1-800-243-4630											
Metalworking, Welding, Soldering, Grinding, Torch Cutting						X					X	X		
Concrete Polishing ³			See www.OSHA.gov or Call 3M at 1-800-243-4630											
Sanding Wood, Plastic, Metal	X	X	X	X	X	X	X	X	X	X	X	X	X	X
GROUNDSKEEPING														
Fertilizing (dry or certain sprays)	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Lawn Mowing, Grass Clippings, Leaf Blowing, Mulching Bark/Leaves	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Pesticides, Mixing and Applying			Refer to Pesticide Product Label for Respirator Guidance or call 3M at 1-800-243-4630											
Garbage Composting				Nuisance Level Odor ¹			Nuisance Level Odor ¹		X	X	Nuisance Level Odor ¹		X	X
Pollen	X	X	X	X	X	X	X	X	X	X	X	X	X	X
PAINTING														
Latex Paint				Nuisance Level Odor ¹			Nuisance Level Odor ¹		X	X	Nuisance Level Odor ¹		X	X
Oil-based Paints, Lacquers, Enamels				Nuisance Level Odor ¹			Nuisance Level Odor ¹		X	X	Nuisance Level Odor ¹		X	X
Automotive Spray Paint ⁴									X	X			X	X
Paint Spraying									X	X			X	X
SPECIAL CONSIDERATIONS														
Asbestos Removal, Lead-based Paint Removal, Cement Mixing ³ , Concrete Polishing ³ , Cutting Brick/Pavers ³ , Stone Dust ³ , Brick Dust ³	See www.OSHA.gov or call 3M 1-800-243-4630													

1 For nuisance-level odors only. Nuisance level refers to concentrations not exceeding the OSHA PEL or applicable government occupational exposure limits, whichever is lower.

2 For area less than 100 sq./feet, follow EPA Guidelines for mold removal: epa.gov/mold

3 See Silica Standard OSHA.gov

4 Not for use with isocyanates in Canada



Warning: Respirators help protect against certain airborne contaminants. Before use, the wearer must read and understand the User Instructions provided as a part of the product packaging. Follow all local regulations. In the U.S.A., a written respiratory protection program must be implemented meeting all the requirements of OSHA 29 CFR 1910.134, including training, fit testing and medical evaluation. In Canada, CSA standards Z94.4 requirements must be met and/or requirements of the applicable jurisdiction, as appropriate. Misuse may result in sickness or death. For correct use, consult supervisor and User Instructions, or call 3M Personal Safety Division (PSD) Technical Service in the U.S.A. at 1-800-243-4630. In Canada, call 1-800-267-4414.

