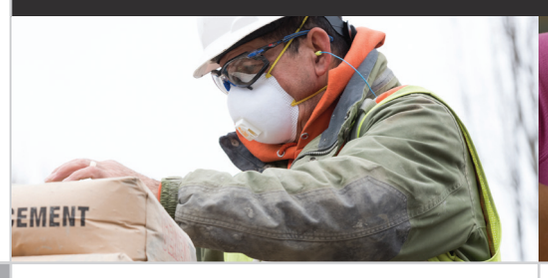
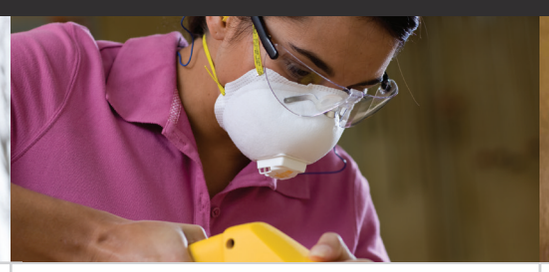
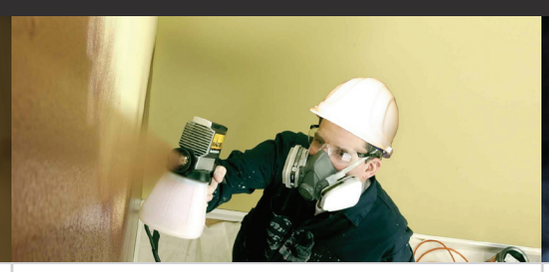
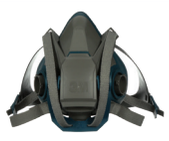
3M Science. Applied to Life.™

Respiratory protection for construction.

Step 1: Identify the hazard

				
Hazard	**Silica**	**Wood dust**	**Solvents**	**Welding and other metal fumes**
Task	Cutting, sawing, drilling, jack hammering, demolition, crushing and grinding	Cutting and finishing wood, carpentry work and demolition	Painting, waterproofing, roofing, joining, gluing, applying synthetic butyl rubber membrane, spraying coatings, fireproofing, equipment and clean-up	Welding, gouging and cutting processes such as polishing, grinding, torch cutting, brazing or soldering
Source	Silica dust from concrete, brick, mortar, ceramic tiles, rocks or stones	Dust from softwood, hardwood and medium density fibreboard (MDF); other substances may be found in the wood such as bacteria, moulds, or fungi	Solvents from paint, adhesive, sealants, brick and material treatments such as toluene, xylene, methyl ethyl ketone (MEK)	Fumes from various metals that may contain manganese, steel alloys such as hexavalent chromium, iron oxide, aluminum, zinc oxides, cadmium oxide, manganese, lead or nickel

Step 2: Select your respirator

Product	Silica	Wood dust	Solvents	Welding and other metal fumes
3M™ Disposable Respirators **Lightweight, easy to use, maintenance free. Select models include an exhalation valve for cool dry comfort.** Consider for those tasks where particulate exposures are up to 10 times the occupational exposure limit (OEL).				
 8210	✓	✓		
 8511	✓	✓		
 8515	✓	✓		✓ **Welding specialty respirator**
 8577[3]	✓	✓	✓ **For organic vapour odour relief when exposure is below OEL**	✓
3M™ Reusable Respirators, Filters and Cartridges **Adjustable, available in small, medium and large, interchangeable filter/cartridge combinations that help provide protection against particulate and certain organic vapours.** Consider for those tasks where exposures are up to 10 times the occupational exposure limit (OEL). When quantitatively fit tested per 29 CFR 1910.134, full facepieces may be considered for tasks up to 50 times the OEL. Reusable respirators can be cleaned and sanitized per user instructions.				
Product	**Silica**	**Wood dust**	**Solvents**	**Welding and other metal fumes**
 6000	**2091 7093**	**2091 7093**	**6001 with 5P71 or 60921**	**2097[3] 7093C[4]**
 6500QL	**2091 7093**	**2091 7093**	**6001 with 5P71 or 60921**	**2097[3] 7093C[4]**
 6000	**2091 7093**	**2091 7093**	**6001 with 5P71 or 60921**	**Does not fit under a welding helmet**
 FF-400	**2091 7093**	**2091 7093**	**6001 with 5P71 or 60921**	**Does not fit under a welding helmet**
 7800S	**2091 7093**	**2091 7093**	**6001 with 5P71 or 60921**	**2097[3] 7093C[4] Add 7990 welding clip**

3M™ Filters and Cartridges	2091 	7093 	6001, 5P71 	60921 	2097 	7093C 

⚠ WARNING

These respirators help reduce exposures to certain airborne contaminants. Before use, the wearer must read and understand the User Instructions provided as a part of the product packaging. A written respiratory protection program must be implemented meeting all the requirements of the authority having jurisdiction in your region and/or CSA Standard Z94.4 including training, user screening/medical assessment, and fit testing. **Misuse may result in sickness or death.** For proper use, see package instructions, supervisor, or call 3M Personal Safety Division Technical Service in Canada at 1-800-267-4414.

*Consult provincial regulations for product acceptability.
[2] 3M recommended for ozone protection up to 10X OSHA PEL or applicable government occupational exposure limits, whichever is lower. Not NIOSH-approved for ozone.
[3] 3M recommended for relief against nuisance levels of organic vapours.
[4] 3M recommended for relief against nuisance levels of organic vapour/acid gases.

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