

# **User Instructions**

# 9205+ and 9210+ Particulate Respirator



# **Table of Contents**

1)	General Use: 3M™ 9205+ and 9210+ N95 <i>User Instructions</i> 2
2)	Occupational/Workplace Use: 3M™ 9205+ and 9210+ N95 User Instructions

# General Use: 3M<sup>™</sup> 9205+ and 9210+ N95 Particulate Respirator User Instructions

# Table of Contents

1.		MPORTANT SAFETY INFORMATION	2
		Considerations for Use	
		Select the Right Respirator	
		When to Wear Your Respirator	
		Use it Correctly	
		Prepare Yourself	
		Inspect Your Respirator	
		How to Wear.	
		When to Replace	
		<u>Storage</u>	
		Do Not Use	
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# IMPORTANT SAFETY INFORMATION

Before use, wearer must read and understand these User Instructions. Keep these instructions for reference.

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Filtering facepiece particulate respirators are intended to help reduce breathing in airborne particles such as dust. If you do not follow all instructions and limitations on the use of the respirator and/or do not wear the respirator during all times of exposure to the airborne particles the respirator may not be as effective. The respirator cannot stop the breathing in of all particles in the air and does not eliminate the risk of symptoms or sickness. **Misuse may result in sickness or death.** For correct use of a respirator, consult the supervisor and *User Instructions*, or call 3M in the U.S.A. at 1-800-247-3941.



Read and follow all applicable guidance from relevant health authorities, such as from the U.S. Centers for Disease Control and Prevention (CDC) and your local health authority.

If you have pre-existing lung disease such as asthma or emphysema, underlying heart disease such as heart failure, or other health conditions that may cause difficulty breathing through some respirators, then you should consult your healthcare provider before use.

Standards regulating respirator training and use for the general public have not been established. For your respirator to help reduce the number of particles you breathe, you must read and follow the *User Instructions*.

#### **Considerations for Use**

3M<sup>™</sup> Particulate Filtering Facepiece Respirators are intended to cover the nose and mouth of the wearer to help reduce wearer exposure to airborne particles.

#### 1. Select the Right Respirator

- 3M respirators are intended and designed for adults. To determine if the respirator fits you, follow the fitting instructions included with or specific to the respirator. Always check your fit when you wear it.
- 3M N95 respirators are certified by the U.S. National Institute for Occupational Safety and Health (NIOSH). For more information on NIOSH certification see the NIOSH approval label included in the packaging.

#### 2. When to Wear Your Respirator

• To be most effective, the respirator must be worn whenever you are exposed to the particles to which you wish to reduce your exposure.

#### 3. Use it Correctly

- Although respirators can help reduce the number of particles you breathe (when properly selected and worn), they will not eliminate the risk of symptoms or sickness.
- Do not alter, abuse or use this respirator other than as stated.

#### 4. Prepare Yourself

- Practice putting on the respirator before you enter the contaminated the area.
- Anything that comes between the respirator and your face will make the respirator less effective by interfering with its fit.
- Men should shave every day that they use the respirator. Hair, jewelry and clothing should not be between your face and the respirator.
- Wash your hands thoroughly with soap and water, or use hand sanitizer, before handling the respirator.

#### 5. Inspect Your Respirator

 Inspect respirator for holes, tears or other damage to surfaces, straps, metal nose strip and nose foam. If your respirator has been damaged – DO NOT USE IT. Get a new one.

#### 6. How to Wear

 Follow the fitting instructions included with the respirator. Fitting instructions are also available on 3M's website www.3M.com/myN95.

#### 7. When to Replace

- Go to a clean, safe area, and replace your respirator if it is damaged, or if it becomes harder to breathe through.
- You should never wash, disinfect, put in an oven or other home appliance, or share your respirator with others.

#### 8. Storage

• Until they are needed for use, N95s should be stored indoors, in their original packaging when possible and in a space where they can't become crushed or distorted. Store at temperatures between -4°F and 86°F and <80% relatively humidity. If a respirator will be stored between multiple uses, it should be stored similarly to a new N95s, and placed in a clean, breathable bag.

#### 9. Do Not Use

• Do not use filtering facepiece particulate respirators to help reduce exposure to gases and vapors, asbestos, lead, large areas of mold, and other hazardous substances, or in areas with low oxygen levels (respirator does not supply oxygen). Hire a contractor and/or contact your local health authority.

For additional Information see www.3M.com/myN95 or call 3M at 1-800-247-3941. For use information in a DIY project, consult the Do-It-Yourself/Homeowner *User Instructions*. For workplace use, review the occupational *user instructions* in this document.

# Science. Applied to Life.™

# Wear It Right: Putting on Your Respirator

# 1. Prepare to Use Respirator

- Remove the respirator from its packaging and hold with straps facing upward. • Place the bottom strap under the center flaps next to the "WARNING" statement.
- Fully open the top and bottom panels, bending the nosepiece around your thumb at center of the foam. Straps should separate when panels are opened. Make certain the bottom panel is unfolded and completely opened.
- Inspect respirator for holes, tears, or other damage to surface, straps, metal nose strip, and nose foam. Get a new respirator if damaged.
- If you wear glasses, read steps 2 through 4, then remove glasses before putting on the respirator.

# 2. Place Respirator on Face

Place the respirator on your face so that the foam rests on your nose and the bottom panel is securely under your chin.





ura<sup>™</sup> 9210+ NIOSH C M

Pull the top strap over your head and position it high on the back of the head.

Then, pull the bottom strap over your head and position it around your neck and below your ears. Adjust for a comfortable fit by pulling the top panel toward the bridge of your nose and positioning the bottom panel under your chin.

# 3. Adjust the Metal Nose Strip

Place fingertips from both hands at the top of your nose and mold the nosepiece around your nose to achieve a secure seal. The respirator may not fit as well if you pinch the metal nose strip using one hand. Use two hands.

# Check the Respirator-to-Face Seal

#### Remember: Putting the respirator on correctly means more of the air you breathe goes through the respirator filter.

For non-valved respirators: Place one or both hands completely over the middle panel. Inhale and exhale sharply. If air leaks around your nose, readjust the nosepiece. If air leaks between the face and faceseal of the respirator, reposition it by adjusting the panels and straps. If you cannot achieve a proper seal, do not enter the contaminated area. See your supervisor.

For valved respirators Place one or both hands completely over the middle panel and inhale sharply. If air leaks around your nose, readjust the nosepiece. If air leaks between the face and faceseal of the respirator, reposition it by adjusting the panels and straps. If you cannot achieve a proper seal, do not enter the contaminated area. See your supervisor.

/ WARNING

Filtering facepiece particulate respirators are intended to help reduce breathing in airborne particles such as dust. If you do not follow all instructions and limitations on the use of this respirator and/or do not wear this respirator during all times of exposure to the particles, the respirator may not be as effective. The respirator cannot stop the breathing in of all particles in the air and does not eliminate the risk of symptoms or sickness. Misuse may result in sickness or death. For correct use of this respirator, consult the supervisor and User Instructions, or call 3M at 1-800-247-3941.







Technical Service: Customer Service: 1-800-243-4630 1-800-328-1667

# Occupational/Workplace Use: 3M<sup>™</sup> 9205+ and 9210+ N95 User Instructions

Table of Contents

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This respirator helps protect against certain particles. **Misuse may result in sickness or death.** For correct use, consult supervisor and these User Instructions, or call 3M in U.S.A., 1-800-247-3941. In Canada, call Technical Service at 1-800-267-4414. In Mexico, call 01-800-712-0646.

IMPORTANT
Use For
Do Not Use For
Biological Particles
Use Instructions
Use Limitations
Storage Conditions and Shelf Life
Time Use Limitation
Fitting Instructions
Removal Instructions
NIOSH Approved: N95
Contact

# IMPORTANT

Before use, wearer must read and understand these User Instructions. Keep these instructions for reference.

# Use For

Particles such as those from grinding, sanding, sweeping, sawing, bagging, or processing minerals, coal, iron ore, flour, metal, wood, pollen, and certain other substances. Liquid or non-oil based particles from sprays that do not also emit oil aerosols or vapors. Follow all applicable local regulations. In the U.S., for additional information on 3M use recommendations for this class of respirator please consult the 3M Respirator Selection Guide found on the PSD web site at www.3M.com/respiratorselector or call 1-800-243-4630 in U.S.A. In Canada, call 1-800 267-4414.

# Do Not Use For

Do not use for gases and vapors, oil aerosols, or sandblasting, unless nozzle and blast are physically separated from the operator in an exhaust-ventilated enclosure; particulate concentrations that exceed either 10 times the occupational exposure limit or applicable government regulations, whichever is lower. This respirator does not supply oxygen. In the U.S., do not use when OSHA substance specific standards, such as those for asbestos, arsenic, cadmium, lead in the construction industry, or 4,4'-methylene dianiline (MDA), specify other types of respiratory protection.

# **Biological Particles**

This respirator can help reduce inhalation exposures to certain airborne biological particles (e.g. mold, *Bacillus anthracis*, *Mycobacterium tuberculosis*, etc.) but cannot eliminate the risk of contracting infection, illness or disease. OSHA and other government agencies have not established safe exposure limits for these contaminants.

# **Use Instructions**

- 1) Failure to follow all instructions and limitations on the use of this respirator and/or failure to wear this respirator during all times of exposure can reduce respirator effectiveness and **may result in sickness or death.**
- 2) Before occupational use of this respirator, in the U.S. a written respiratory protection program must be implemented meeting all the requirements of OSHA 29 CFR 1910.134 such as training, fit testing, medical evaluation, and applicable

OSHA substance specific standards. In Canada, CSA standard Z94.4 requirements must be met and/or requirements of the applicable jurisdiction, as appropriate.

- 3) The particles which can be dangerous to your health include those so small that you cannot see them.
- 4) Leave the contaminated area immediately and contact supervisor if dizziness, irritation, or other distress occurs.
- 5) Store the respirator away from contaminated areas when not in use.
- 6) Inspect respirator before each use to ensure that it is in good operating condition. Examine all the respirator parts for signs of damage including the two headbands, staples, noseclip, and nosefoam. The respirator should be disposed of immediately upon observation of damaged or missing parts. Filtering facepieces are to be inspected prior to each use to assure there are no holes in the breathing zone other than the punctures around staples and no damage has occurred. Enlarged holes resulting from ripped or torn filter material around staple punctures are considered damage. Immediately replace respirator if damaged. Staple perforations do not affect NIOSH approval.
- 7) Dispose of used product in accordance with applicable regulations.

## **Use Limitations**

- 1) This respirator does not supply oxygen. Do not use in atmospheres containing less than 19.5% oxygen.
- 2) Do not use when concentrations of contaminants are immediately dangerous to life and health, are unknown or when concentrations exceed 10 times the permissible exposure limit (PEL) or according to specific OSHA standards or applicable government regulations, whichever is lower.
- 3) Do not alter, wash, abuse or misuse this respirator.
- 4) Do not use with beards or other facial hair or other conditions that prevent a good seal between the face and the sealing surface of the respirator.
- 5) Respirators can help protect your lungs against certain airborne contaminants; however, they will not prevent entry through other routes such as the skin, which would require additional personal protective equipment (PPE).
- 6) This respirator is designed for occupational/professional use by adults who are properly trained in its use and limitations. This respirator is not designed to be used by children.
- 7) Individuals with a compromised respiratory system, such as asthma or emphysema, should consult a physician and complete a medical evaluation prior to use.
- 8) When stored in accordance with temperature and humidity conditions specified below, the product may be used until the "use by" date specified on the packaging.

# Storage Conditions and Shelf Life

Before use, store respirators in the original packaging away from contaminated areas, dust, sunlight, extreme temperatures, excessive moisture and damaging chemicals. When stored in accordance with temperature and humidity conditions specified below, the product may be used until the "use by" date specified on packaging. Always inspect product and conduct a user seal check before use as specified in the *User Instructions*. **If you cannot achieve a proper seal, do not use the respirator.** 

	End of Shelf Life Use respirators before the "use by" date specified on packaging
-4°F20°C	Storage Temperature Range -20°C (-4°F) to +30°C (+86°F)
< 80%	Storage Maximum Relative Humidity <80% RH

# **Time Use Limitation**

If respirator becomes damaged, soiled or breathing becomes difficult, leave the contaminated area immediately and replace the respirator.

# **Fitting Instructions**



#### Must be followed each time respirator is worn.

- 1) Remove respirator from packaging and hold with straps facing upward (1a). Place bottom strap under center flaps next to **WARNING** statement as shown (1b).
- 2) Fully open top and bottom panels, bending nosepiece around thumb at center of foam. Straps should separate when panels are opened. Make certain bottom panel is unfolded and completely opened.
- 3) Place respirator on your face so that the foam rests on your nose and the bottom panel is open under chin. Hold the bottom panel securely under your chin. Pull the top strap over your head and position it high on the back of the head (3a). Then pull the bottom strap over your head and position it around the neck and below the ears (3b). Adjust for a comfortable fit by pulling top panel toward the bridge of the nose and bottom panel under chin.
- 4) Place your fingertips from both hands at the top of the metal nosepiece. Using two hands, mold the nose area to the shape of your nose by pushing inward while moving your fingertips down both sides of the nosepiece. **NOTE:** Pinching the nosepiece using one hand may result in improper fit and less effective respirator performance. Use two hands.
- 5) Perform a User Seal Check prior to each wearing. To check the respirator-to-face seal, cover the middle panel with one or both hands. For the 9205+ and 9210+ respirator, inhale and exhale sharply. For the 9211+ respirator, inhale sharply. Be careful not to disturb the position of the respirator. If air leaks around the nose, readjust the nosepiece as described in step 4. If air leaks around respirator edges, adjust panels and straps. **If you CANNOT achieve a proper fit, DO NOT enter the contaminated area. See your supervisor**.

## **Removal Instructions**

Cup respirator in hand to maintain position on face and pull bottom strap over head. Still holding the respirator in position, pull top strap over head and remove respirator.

# NIOSH Approved: N95

At least 95% filtration efficiency against solid and liquid aerosols that do not contain oil.



#### 3M St. Paul, Minnesota, USA 1-800-243-4630 9210+, 9211+ & 9205+ Respirators



#### THESE RESPIRATORS ARE APPROVED ONLY IN THE FOLLOWING CONFIGURATIONS:

		RES	PIRATOR COMPONE	NTS	
		F	ILTERING FACEPIEC	E	
TC-	PROTECTION <sup>1</sup>	9210+	9211+	9205+	CAUTIONS AND LIMITATIONS <sup>2</sup>
84A-5668	N95	Х			ABCJMNOP
84A-5669	N95		Х		ABCJMNOP
84A-8590	N95			Х	ABCJMNOP

#### 1. PROTECTION

N95 - Particulate Filter (95% filter efficiency level) effective against particulate aerosols free of oil; time use restrictions may apply.

#### 2. CAUTIONS AND LIMITATIONS

- A Not for use in atmospheres containing less than 19.5 percent oxygen.
- B Not for use in atmospheres immediately dangerous to life or health.
- C Do not exceed maximum use concentrations established by regulatory standards.
- J Failure to properly use and maintain this product could result in injury or death.
- M All approved respirators shall be selected, fitted, used and maintained in accordance with MSHA,
- OSHA and other applicable regulations. N - never substitute, modify, add, or omit parts. Use only exact replacement parts in the configuration as specified by the manufacturer.
- O Refer to User's Instructions, and / or maintenance manuals for information on use and maintenance of these respirators.
- P NIOSH does not evaluate respirators for use as surgical masks.

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#### Contact

#### FOR MORE INFORMATION

In United States, contact: Website: www.3m.com/workersafety Technical Assistance: 1-800-243-4630 For other 3M products: 1-800-3M-HELPS or 1-651-737-6501

#### **3M PERSONAL SAFETY DIVISION**

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