

# Technical Data Bulletin

## #150, September, 2001 — Reusable Respirators

### Inspection, Cleaning and Storage Procedures for 3M Reusable Respirators

#### Inspection

3M™ 6000 and 7000 Series Respirators must be inspected before each use to ensure good operating condition. The facepiece must be repaired or replaced if there are damaged or defective parts. The following inspection procedure is suggested:

1. Check facepiece for cracks, tears and dirt. Be certain facepiece, especially face seal area, is not distorted.
2. Examine inhalation valves for signs of distortion, cracking or tearing.
3. Make sure that head straps are intact and have good elasticity.
4. Examine all plastic parts for signs of cracking or fatiguing. Make sure filter gaskets or seal areas are in good condition.
5. Remove exhalation valve cover and examine exhalation valve and valve seat for signs of dirt, distortion, cracking or tearing. Replace exhalation valve cover.
6. Inspect lens of full facepiece for any damage that may impair respirator performance or vision.

#### Cleaning and Storage

Cleaning is recommended after each use. 3M™ Respirator Cleaning Wipes 504 may be used as an interim method in the cleaning

schedule for individually assigned respirators, but they must not be the only method in place. During fit-testing, wipes may also be used between employees being tested. However, these respirators must be thoroughly cleaned at the end of each day, using procedures in appendix B-2 of 29 CFR 1910.134.

#### ⚠ WARNING

**Do not clean with solvents. Cleaning with solvents may degrade some respirator components and reduce respirator effectiveness. Inspect all respirator components before each use to ensure good operating condition. Failure to do so may result in sickness or death.**

1. Remove cartridges and filters.
2. Clean facepiece (excluding filters and cartridges) by immersing in warm cleaning solution, water temperature not to exceed 120° F (49° C), and scrub with soft brush until clean. Add neutral detergent if necessary. Do not use cleaners containing lanolin or other oils.
3. Disinfect facepiece by soaking in a solution of quaternary ammonia disinfectant or sodium hypochlorite (1 oz [30 ML] household bleach in 2 gallons [7.5 L] of water), or other disinfectant.
4. Rinse in fresh, warm water and air dry in noncontaminated atmosphere.

Issue Date 11/01/01

5. Respirator components must be inspected prior to each use. A respirator with any damaged or deteriorated components must be repaired or discarded.

6. The cleaned respirator should be stored away from contaminated areas when not in use.

**NOTE: The above information is also outlined in the users instructions. Additionally, see specific product user instructions packaged with each respirator facepiece for additional information.**

#### For more information:

##### In the U.S., contact:

**Technical Assistance**  
1-800-243-4630

**Sales Assistance/Local Distributor**  
1-800-328-1667

**Fax On Demand**  
1-800-646-1655

**Internet**  
[www.3M.com/occsafety](http://www.3M.com/occsafety)

**E-mail**  
[occsafety@mmm.com](mailto:occsafety@mmm.com)

**For other 3M products**  
1-888-3M HELPS

##### In Canada, contact:

3M Canada Company, OH&ESD  
P.O. Box 5757  
London, Ontario N6A 4T1

**Technical Assistance (Canada only)**  
1-800-267-4414

**Sales Assistance**  
1-800-265-1840, ext. 6137

**Internet**  
[www.3M.com/CA/occsafety](http://www.3M.com/CA/occsafety)

**3M Canada E-mail**  
[ohes@ca.mmm.com](mailto:ohes@ca.mmm.com)

**Technical Assistance In Mexico**  
01-800-712-0646

**Technical Assistance In Brazil**  
0800-550705

**For all other OUS locations:**  
1-651-732-6530

3M Occupational Health and Environmental Safety Division

3M Center, Building 235-2W-70  
St. Paul, MN 55144-1000