



**SURVIVAIR®**



## SAFETY NOTICE

June 15, 2005

**RE: Pro-Tech combination vapor and/or gas cartridge with P100 filter.**

To all users of Pro-Tech respirators equipped with combination vapor and/or gas cartridges with P100 filters:

During a NIOSH product audit, a Pro-Tech G106H404 combination Ammonia/Methylamine cartridge with P100 filter allowed 0.09% particulate penetration when tested. The NIOSH limit for P100 (essentially 100% efficient) filters is 0.03% particulate penetration. Survivair has determined that a production test fixture, which should have been identical to the threaded cartridge receptacles used on Pro-Tech respirators, had been modified to include a rubber gasket. The threaded cartridge receptacles used on Pro-Tech respirators do not have gaskets. The rubber gasket allowed cartridges with small nicks on the sealing bead to pass our production particulate penetration test. Even with nicks on the sealing bead, combination vapor and/or gas cartridges with P100 filters pass all vapor and gas removal requirements with no gasket. None of the combination vapor and/or gas cartridges with P100 filters tested had particulate penetration values greater than 0.3% (99.7% efficiency).

All Pro-Tech combination vapor and/or gas cartridges with P100 filters built before March 31, 2005 are subject to recall. While only a few combination vapor and/or gas cartridges with P100 filters have been found with this condition, we believe it necessary to recall the following combination vapor and/or gas cartridges with P100 filters.

**Pro-Tech combination vapor and/or gas cartridges with P100 filters:**

G100H404 and G100H404B (bulk pack)  
G102H404  
G104H404 and G104H404B (bulk pack)  
G106H404  
G110H404 and G110H404B (bulk pack)

Combination vapor and/or gas cartridges with P100 filters assembled after March 31, 2005 are not subject to recall. A small "blue dot" label has been applied to the side of all combination vapor and/or gas cartridges with P100 filters assembled and tested after March 31, 2005. To simplify identification, a larger blue dot has also been applied to the side of unit and bulk boxes.

Please contact Survivair Customer Service at (800) 821-7236 for shipping instructions and a Return Material Authorization (RMA) Number to return all combination vapor and/or gas cartridges with P100 filters that are not marked with the "blue dot" label. Survivair will replace, free-of-charge, all the above-mentioned combination vapor and/or gas cartridges with P100 filters currently in the field.

**Please note that this recall DOES NOT include the Pro-Tech G404, P100 filter or any Pro-Tech facepiece assembly configured with the G404, P100 filter.**

We are conducting this recall in the interest of your safety. We apologize for any inconvenience this may cause and thank you for your immediate attention to this issue.

Sincerely yours,

Jill Gerow  
Customer Service Manager  
Survivair Customer Service (800) 821-7236