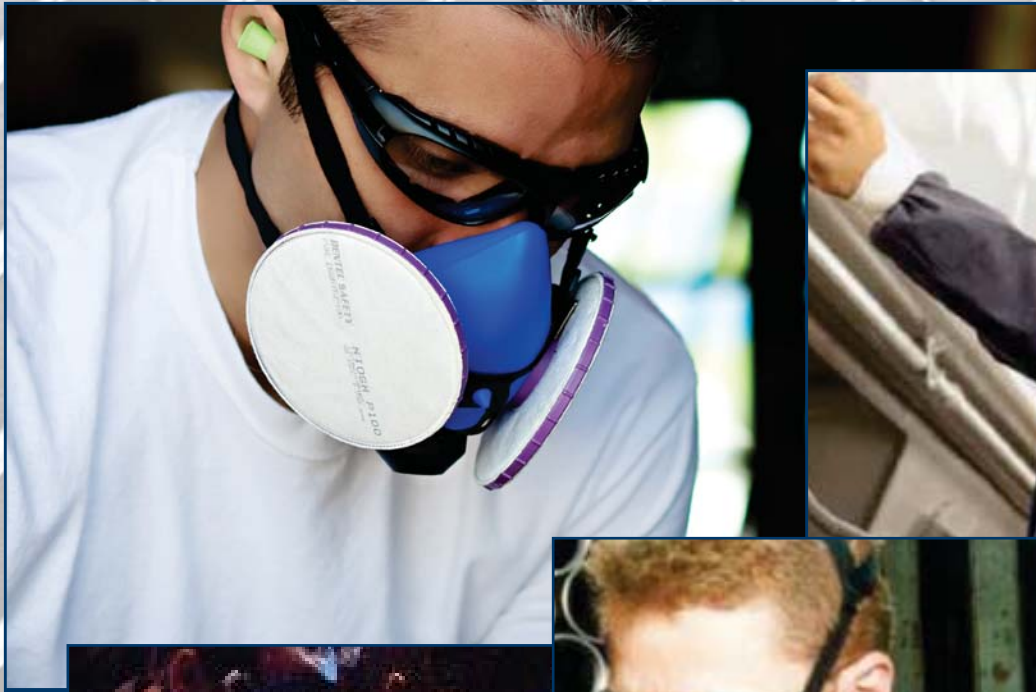




**SPECIALIZING IN SAFETY SOLUTIONS**

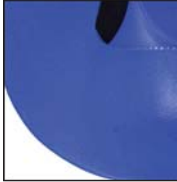


**RESPIRATOR  
PRODUCTS**

## HALF FACEPIECE KEY SELLING POINTS

### Textured “No-Slip” Face Seal & Large, Flexible Rolled Sealing Edge

-Provides exceptional comfort & superior fit.



### Unique Low Fitting Mask

-Provides ample room for eyewear.

### Low “Dead Air” Space

-Improves worker comfort from less re-breathing of exhaled air.

### Swivel Retainers

-Generous 70° swivel allows natural fit without pressure points. Special clips hold strap, eliminating annoying strap tangles.

### Multi-Position

#### Cartridge Attachment

-#1 position is “sweptback” for maximum visibility. #2 & #3 change the cartridge positions for use under various PPE such as welding helmets & faceshields.

### Extra Large Inhalation Valves

-Lower inhalation resistance & contributes to easier breathing.



### Deep Chin Cup

-Gives a more secure universal fit.

### Unique Corrugated Exhalation Valve Diaphragm

-Only available on Dentec Safety’s half-mask, this large diameter valve opens quickly and allows maximum exhalation of hot, humid air from the mask. Heat build-up is reduced and wearer comfort increased.

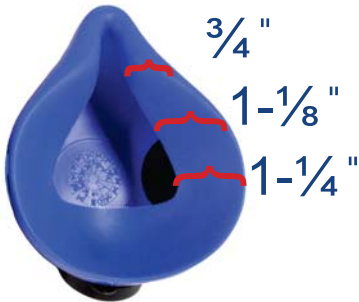


# COMFORT<sup>®</sup> AIR HALF MASK



## 100 Silicone

- Molded from pure silicone material with no extra additives provides incredible comfort and superior fitting capabilities.
- Simple and quick to clean, particularly in paint spray applications.
- Rugged durability provides long service life.
- Available in 3 sizes: small, medium, and large.



## Extra Large Sealing Surface

- Covers a larger area of the face.
  - Flat surface provides a greater probability of fit on a wider variety of facial features.
  - Do not have to tighten the straps down too tight, allowing for a more comfortable fit.
  - Ultra soft nose bridge area conforms to most all sizes and shapes reducing pressure point at a key fitting area.
- Extra large chin cup fits a wide variety of facial features more comfortably.
  - Enhanced Textured “non-slip” face seal provides exceptional comfort. Prevents the mask from moving on the face maintaining a proper fit during use. Not available from any competitive mask.



## 300 Thermoplastic

- Has all the advanced features of the Series 100 Silicone mask, but is molded from a custom-engineered thermoplastic blend that provides economy with function.
- Provides excellent comfort, superior fitting capabilities and is very rugged.
- Available in 2 sizes: small/medium, and medium/large.



## 400 Elastomeric

- Low Maintenance/Limited Use.
- The Series 400 is priced to be disposable, but can easily be used up to 30 times.
- Same features as the series 100 & 300 face masks except a different material and more economical suspension assembly.
- The elastomeric rubber offers excellent comfort, superior fitting capabilities and is very rugged.
- Available in 2 sizes: small/medium, and medium/large.



# COMFORT<sup>®</sup> AIR

## 130M FULL FACEPIECE KEY SELLING POINTS

### Universal Fit

-One size that fits most users. Provides a balanced low-pressure positive seal.

### Quick Release Shielded Buckles

-Allows fast easy removal.

### 5 Point Head Harness

-Provides an even, comfortable fit with no slippage.

### Optional Prescription Lens Insert

(44mm & 50mm eyesizes.)  
-Convenient with quick installation.



### Inner Mask

-Reduces CO<sub>2</sub> build-up.

### Anti-Fog Hard Coated Lens

-Simplifies maintenance & extends product life. Provides optically correct wide angle viewing and is easily replaced.

### SPECIAL COMPRESSION SILICONE

-Provides exceptional comfort.

### Metal Speech Diaphragm

-Enables clear, high quality communications.





### 130M Special Compression Silicone Full Facepiece Respirator with Neckstrap & Drawstring Nylon Storage Bag

Special compression silicone provides exceptional comfort. Soft, pliable, yet durable. Easy to clean, particularly in paint spray applications. Available with an inner mask only, improves comfort and reduces fogging on the inside of facepiece.



1307096

### 130M Protective Lens Cover

Made from from .0075" thick PETG sheet. Protects polycarbonate lens from scratches and dirt. Mounts to the mask without any adhesive. Sold in packs of 25.



### 16157 Prescription Lens Mount

Full Facepiece Respirator Prescription Lens Mount. Ideal for those individuals requiring prescription eyewear. Mounts easily into most full face respirator styles.

## AIR SUPPLIED



**Series 152 & 97LP Half Face Respirators** designed to give the maximum seal and large exhalation valves to reduce breathing resistance. The 152's airflow control valve regulates to the wearers needs. The 97LP is designed to be used with a low pressure air source.



Series 121

**Series 121 Silicone & 521 Neoprene Full Face Respirators** designed to give the maximum seal. Utilizes a constant flow at a low pressure. 5-point strap and extra wide sealing edge gives the wearer a superb fit. Comes with a removable inner mask and metal speech diaphragm.



Series 521



14160

### Protective Lens Cover

Protects polycarbonate lens from scratches and dirt. Mounts to the mask without any adhesive. Sold in packs of 25.



159A97

**Portable Air Pumps** supply continuous clean, breathable air. Pump produces no carbon monoxide, oil vapor or oil mist. 50 micron filter inlet and high-efficiency outlet filter assures safe breathable air.

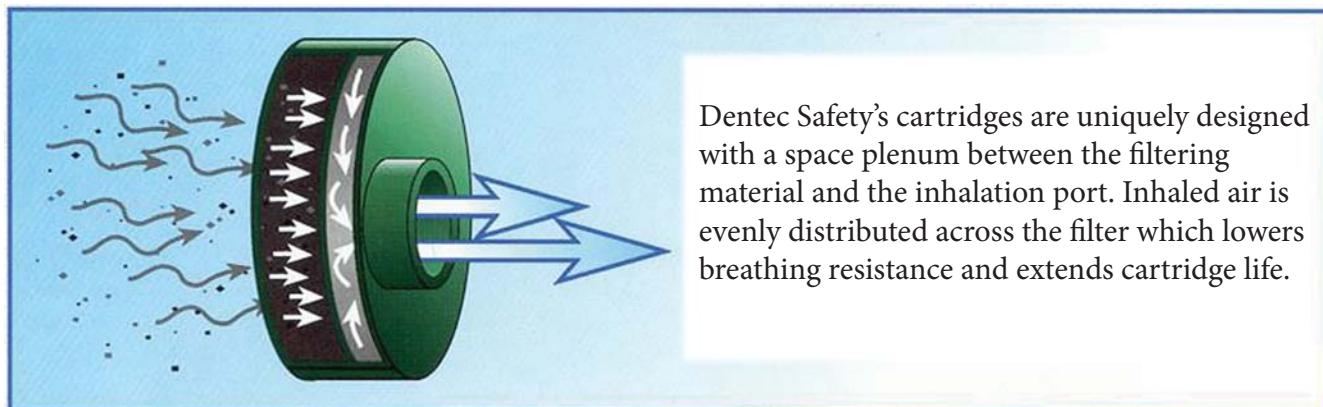


159A97DUAL

159A97, 1/3 H.P./115 volt Electric Motor. Complete with pump assembly, (does not include main air supply hose).  
159A97DUAL, 3/4 H.P./115 volt Electric Motor. Complete with pump assembly, (does not include main air supply hose).



# COMFORT<sup>®</sup> AIR CARTRIDGE DESIGN MAKES A DIFFERENCE



Allows user to access more filtering material – extending cartridge life significantly, reducing breathing resistance and costs.

## SAF-TWIST CARTRIDGE CONNECTING SYSTEM EXCLUSIVE TO COMFORT-AIR RESPIRATORS



### POSITION 1

- Rotates the cartridges down and back.
- Provides the greatest downward vision available.
- Generally used when other PPE not required like faceshields and welding helmets.
- Ideal when working up close, in confined areas or when walking around an area.



### POSITION 2

- Rotates the cartridge inward.
- Allows cartridge to fit under faceshields and welding helmets.



### POSITION 3

- Rotates the cartridge inward and up.
- Provides additional clearance in the chin area.
- Allows cartridge to fit under faceshields and welding helmets.



# COMFORT<sup>®</sup> AIR

# Diskit<sup>®</sup>

## P100 UNIQUE FILTERING SYSTEM



A unique, patented filtering system that offers the lowest profile & best economy. Unique Space Plenums (patented design) allows the filter to evenly “load” to the edge, resulting in longer life and lower breathing resistance.



The Diskit has incorporated a unique rugged frame design that will not crush or collapse. The frame also allows for easier handling & attaching to facepiece. ALLOWS USER TO ATTACH WHILE WEARING WORK GLOVES.



Low profile design & offset connector provides the best visibility available on a half mask respirator. Only 1/4” thick and weighs only .7 oz., allowing it to fit under any faceshield or welding helmet, improving wearer comfort.









Build the Diskit into a combination cartridge using the Diskit adapter. The Diskit combination system will reduce user costs significantly without compromising protection or performance.



Toll Free: 1.888.533.6832



[www.dentecsafety.com](http://www.dentecsafety.com)

Particulate Filter Pads		Filter Cover - P/N 159-T-61, Pkg. of 6 N95 Filter Pad* - P/N 158-D-N5, Box of 16 R95 Filter Pad** - P/N 158-D-R5, Box of 16 Filter Holder - P/N 14880, Pkg. of 6	
Gas/Vapor Cartridges		Organic Vapor P/N 158-T-20, Box of 6 P/N 158-T-20B100, Box of 100	
		Acid Gas - P/N 158-T-21, Box of 6 P/N 158-T-21B100, Box of 100	
		Ammonia & Methyl Amine - P/N 158-T-22, Box of 6 P/N 158-T-22B100, Box of 100	
		Acid Gas & Organic Vapor - P/N 158-T-26, Box of 6 P/N 158-T-26B100, Box of 100	
		Multi-Gas/Vapor- P/N 158-T-27, Box of 6 P/N 158-T-27B100, Box of 100	
Gas/Vapor/Filter Combination		Optional Cover-Retainer - P/N 159-T-61, Pkg. of 6 N95 Filter Pad* - P/N 14881, Pkg. of 6 R95 Filter Pad** - P/N 158-D-N5, Box of 16 Gas/Vapor Cartridge - P/N 158-D-R9, Box of 16 (see above for P/N)	
Organic Vapor/N95 or R95		Retainer P/N 159-T-61, Pkg. of 6 N95 Filter Pad* P/N 14881, Pkg. of 6 R95 Filter Pad** P/N 158-D-N5, Box of 16 Organic Vapor Cartridge P/N 158-D-R9, Box of 16	P/N 158-T-20DN5, Box of 2 P/N 158-T-20DN5B100, Box of 100 P/N 158-T-20DR5, Box of 2 P/N 158-T-20DR5B1000, Box of 1000 P/N 158-T-20DR5B100, Box of 100 P/N 158-T-20DR5B1000, Box of 1000
DISKIT Particulate Filter		P100 - P/N DiskitP100, Box of 10 pair P100OV- P/N DiskitP100OV, Box of 10 pair Optional Sparkshield Cover - P/N 14885, Pkg. of 1 pair	
Gas/Vapor/Diskit Combination		Diskit, Adapter- P/N DiskitP100, Box of 10 pair Gas/Vapor Cartridge P/N 14890, Box of 10 pair (see above for P/N)	
Low Profile P100 Filter		Retainer for Pre-Filter- P/N 14879, Pkg. of 6 Optional Pre-Filter for P100 - P/N 14494, Box of 24 Low Profile P100 Filter- P/N 158-T-LP0, Box of 6	P/N 158-T-LP0B100, Box of 100
Gas/Vapor/P100 Combination		Retainer for Pre-Filter- P/N 14879, Pkg. of 6 Optional Pre-Filter for P100- P/N 14494, Box of 24 Organic Vapor/P100- P/N 158-T-20LP0, Box of 4 Acid Gas/P100- P/N 158-T-21LP0, Box of 4 Ammonia/Methyl Amine/P100- P/N 158-T-22LP0, Box of 4 Acid Gas/Organic Vapor/P100- P/N 158-T-26LP0, Box of 4 Multi-Gas/Vapor/P100- P/N 158-T-27LP0, Box of 4	P/N 158-T-20LP0B60, Box of 60 P/N 158-T-21LP0B60, Box of 60 P/N 158-T-22LP0B60, Box of 60 P/N 158-T-26LP0B60, Box of 60 P/N 158-T-27LP0B60, Box of 60

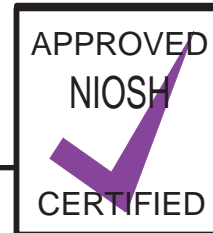
\*\*DO NOT use N Series products for protection against oil aerosols, such as grinding with oil based lubricants or processes with glycerin mists.

\*When R Series products are exposed to oil, a one shift (8hour) time use limit applies.

\*\*\* Nuisance levels refer to concentrations that are less than the OSHA PEL or applicable governmental occupational exposure limits, whichever is lower. Do not use for respiratory protection against organic vapors.



# Selection Guide\*



<p><b>N95</b> - Approved for minimum 95% efficient protection against certain non-oil particulates.  <b>R95</b> - Approved for minimum 95% efficient protection against certain non-oil and oil particulates.  <b>Typical applications:</b> For welding on steel or aluminum, use an N95 pad and a Half-Mask respirator. Also used for woodworking or general dust environments, protection against sodium salts, aluminum oxides &amp; silicates, carbon black, paper dusts, cotton dusts, fiberglass, gypsum, graphite and mineral or rock dusts. If oils are present, use the R95 filter.</p>	<b>Particulate Filter Pads</b>
<p>For protection against organic vapors. Typical applications include protection against lacquer thinners, petroleum distillates, naphtha, acetone, isopropyl alcohol, toluene &amp; stoddard solvent.          For protection against chlorine, hydrogen chloride, sulfur dioxide and chlorine dioxide. Typical applications include cleaning or etching (e.g. metal or concrete) with the acids listed. Also used for protection against muratic acid.</p> <p style="background-color: #90EE90;">For protection against ammonia or methyl amine.</p> <p style="background-color: #FFFF99;">For protection against organic vapors, chlorine, hydrogen chloride, sulfur dioxide and chlorine dioxide. Typical applications include anywhere there is a combination of acid gases and organic vapors. Some cleaning compounds contain both.</p> <p style="background-color: #FFD700;">For protection against all of the gases and vapors listed above plus hydrogen fluoride, hydrogen sulfide and formaldehyde.</p>	<b>Gas/Vapor Cartridges</b>
<p>Select a filter pad, then select either the retainer or the optional cover to easily add particulate protection to any gas/vapor cartridge. In general, select an N95 pad for lower concentrations where a Half-Mask respirator will be used. If oils are present, use the R95 in place of the N95 filter. The retainer is an open top design to be used in heavy dust/mist applications; the optional cover is for general use. Typical applications: Protecting against misting or splashing of the liquid of the gas/vapor contaminants listed above. Also used where there is a combination of any of the particulate hazards listed in the first row and also any of the gas/vapors listed above.</p>	<b>Gas/Vapor/ Filter Combination</b>
<p>Approved for organic vapors and minimum 95% efficient protection against certain non-oil particulates with the N95 filter. For oil based paints, lacquers and enamels, use the R95 filter. This combination is best suited for non-oil based painting applications and also most commercially available pesticides. If the pesticide contains oil, use the R95 filter. Also used for some concrete and floor sealers. Advantages: Unique filter design has low breathing resistance and resists clogging so you don't need a special pre-filter. Note: Not for use against paints containing isocyanates.</p>	<b>Organic Vapor/N95 or R95</b>
<p>P100-Passes NIOSH's most rigorous testing criteria and is approved for minimum 99.97% efficient protection against oil &amp; non-oil particulates. Typical applications: battery plants, nuclear power facilities, asbestos abatement (specific limitations apply see OSHA 1910.1001) and remediation, lead, cadmium, silver, cobalt fume &amp; dust, radionuclides and radon daughters. Also used for dusts, fumes, &amp; mists with a PEL less than 0.5mg per cubic meter. P100OV - NIOSH approved for certain oil &amp; non-oil based particles. DENTEC recommended for relief against nuisance levels*** of organic vapors. DENTEC recommended for protection against ozone up to 10 times the OSHA PEL. Not NIOSH certified for use against ozone.</p>	<b>DISKIT Particulate Filter</b>
<p>Select the appropriate gas/vapor cartridge for your application and then select the Diskit filter that meets your particulate protection needs. The durable, reusable adapter allows you to easily replace the cartridge or filter when they expire. Typical applications: Plastics processing where there are vapors &amp; glycerin mists. Can also be used for pesticides containing oil &amp; for paint spray operations. Lacquer and enamel paints &amp; non-oil pesticides.</p>	<b>Gas/Vapor/ Diskit Combination</b>
<p>P-100 - Approved for minimum 99.97% efficient protection against oil &amp; non-oil particulates. This low-profile filter passes NIOSH's most rigorous particulate test criteria. It is packaged in a sturdy molded housing, so there is no chance of filter damage. The low-profile P100 has been engineered to provide low breathing resistance &amp; long life, at an economical price. The optional pre-filter is best used in heavy dust applications. It will extend the life of the P100 filter because it prevents larger particles from rapidly clogging the high efficiency media. Typical applications: Any application which required a 42CFR84 P100 filter such as lead, cadmium, asbestos (specific limitations apply, see OSHA 1910.1001), radionuclides and radon daughters.</p>	<b>Low Profile P100 Filter</b>
<p>The sturdy, low profile P100 shown above is available permanently sealed to any Dentec Safety Specialists cartridge. This provides the ultimate protection &amp; durability at a very affordable price. The optional pre-filter is best used in heavy dust applications. It will extend the life of the P100 filter because it prevents larger particles from rapidly clogging the high efficiency media. Typical applications: The Acid Gas/Organic Vapor/P100 is commonly used in metal smelting or forging, such as steel mills or mining and post mining operations. These filters are also used anywhere there is a combination of particulate &amp; gas/vapor contaminants where the particulate hazard requires a P100 filter.</p>	<b>Gas/Vapor/ P100 Combination</b>

\*PLEASE READ FULL WARNINGS ON BACK COVER. SELECTION & TYPICAL APPLICATIONS ARE GUIDELINES ONLY.

# COMFORT<sup>®</sup> EASE DISPOSABLE RESPIRATORS



**AD2N95A**



**AD2N95VA**



**AD2N95OVA**

## AD2 SERIES - N95/P95 CONE SHAPED

- Foam nose cushion and adjustable nose clip ensure a secure & comfortable fit.
- Non-Latex elastic straps do not require pre-stretching allowing for quick fitting, and reduces consumption costs.
- Straps are electro-sonically sealed to the facepiece. No staples provide additional comfort and straps are difficult to pull from the mask also reducing consumption costs.
- Crushed resistant shell will not collapse in hot, humid conditions. Will maintain its shape without the need for a plastic mesh housing.
- An optional valve version provides enhanced breathing comfort.
- N95 version approved for minimum 95% efficient protection against certain non-oil particulate.
- AD2N95OVA offers a layer of activated carbon that filters out nuisance levels of organic vapors below PEL.
- P95 version 95% efficient protection against all particulate aerosols.
- AD2P95OV offers a layer of activated carbon that filters out nuisance level organic vapors below PEL / TLV.



**AD2P95V**



**AD2P95OV**



## AD4 SERIES - N95 FLATFOLD

- Flat-Fold N95 Disposable Respirator delivers maximum breathing comfort and fit.
- Horizontal fold allows the mask to move with the jaw helping to maintain a proper fit throughout the day.
- Easy donning with a single, continuous strap and no staples.
- The large cavity provides easier, cooler breathing and allows for un-inhibited speech. An optional valve version provides enhanced breathing comfort.
- Packaged in convenient individually sealed bags to maintain product integrity and provide easy transport and storage. Fits easily in a coat pocket. The convenient dispenser box mounts on a shelf or wall, so you can put them out, right where they are needed most.



**AD4N95**



**AD4N95V**



# COMFORT<sup>®</sup> EASE DISPOSABLE RESPIRATORS



## NUISANCE DUST MASK- (NOT NIOSH APPROVED)

Offers relief from non-toxic dusts and pollens only. The ND10 is unlike any other dust mask because of its unique design and features. It is lightweight, easy to breathe through, fits easily and comfortably, inexpensive and disposable. Less than 1/3 ounce and doesn't collapse when it becomes wet.

## HYGIENIC WIPES

A safe and effective way to keep all of your Personal Protective Equipment clean. Safe and effective for cleaning respirators, hard hat suspensions, and other Personal Protective equipment. Also good for cleaning phones and keyboards.



**79100** Respirator Wipe, alcohol free, case of 10 boxes; 100 per box.

**79110** Respirator Wipe, contains 70% isopropyl alcohol, case of 10 boxes; 100 per box.

**79120** DisCide Disinfecting Towelettes, case of 12 canisters; 160 per canister.

**79121** Plastic wall mounting bracket for 79120 towelettes.



## FIT TESTING ACCESSORIES

Plastic IAA, Bitrex or TSI Portacount test kits are available.



**79200** Fit Test Kit, TSI Portacount, includes Adapter, Clips, Tubing, Suction Cups. (2) P100 Filters.

**79210** Adapter Only, TSI Portacount.

**79215** 100 Suction Cups, 100 Clips, 50' of Tubing.



**79260** Fit Test Kit, Bitrex, includes fit test hood, nebulizer #1, nebulizer #2, sensitivity solution, fit test solution, two sets of replacement nebulizer inserts.

**79261** Replacement Fit Test bitrex ampules 2.5cc.

**79262** Replacement Fit Test sensitivity ampules 2.5cc.

**79263** Test hood.

**79240** Fit Test Kit, IAA, includes Banana Oil, (2) OV Cartridges, Instructions.

**79241** Replacement Banana Oil, (1) 3.5 oz. bottle.

**706200** Qualitative Fit Test Ampules - Banana Oil (IAA) (box of 10).







## **SPECIALIZING IN SAFETY SOLUTIONS**

[www.dentecsafety.com](http://www.dentecsafety.com)

Email: [dentec@dentecsafety.com](mailto:dentec@dentecsafety.com)

Toll Free: 1.888.533.6832

Toll Free Fax: 1.888.953.9946

Distributed by:

### **\*WARNINGS:**

1. Selection & typical applications shown are a guideline only. Prior to selecting a respirator, the workplace hazards must be evaluated by a qualified Industrial Hygienist, who will determine the appropriate cartridge, filter, and facepiece as well as use limitations.
2. Respirators must be selected, fitted, used and maintained in accordance with MSHA, OSHA and other applicable regulations as well as ANSI Z88.2.
3. Do not exceed maximum use concentrations as established by regulatory guidelines.
4. Never use a half-mask respirator where contaminant concentrations exceed 10 times the PEL or TLV.
5. Never use a full facepiece respirator where contaminant concentrations exceed 50 times the PEL or TLV.
6. Before using any respirator, READ and UNDERSTAND the instructions provided with the respirator facepiece assembly as well as the Cautions and Limitations listed on the enclosed NIOSH approval matrix.
7. Although this respirator reduces exposure to certain contaminants, it DOES NOT completely eliminate your exposure or risk. Misuse of this product or failure to follow the warnings may result in sickness or even death. For proper use, consult a qualified safety professional or call:

Dentec Safety Specialists, 1-888-533-6832.