

# **Technical Data Sheet**

## **Respire 5 ABEK1**

### **Multi Gas / Vapor Cartridge -ABEK1**



**Key Features:**

- EN 14387:2004+A1:2008 approved for protection against certain organic vapors.
- Improved design allows an enhanced field of view and comfort
- Connection compatibility allows use with other Respirator half and full face piece designs
- Wide range of applications reduces inventory needs.
- Simple installation and usage requirements reduces training requirements

Respire 5 ABEK1 Cartridge Filter Multigas, is one of the Respire 5 Series of filters that are applicable for use in a range of multigas environments. With the appropriate particulate filter added, protection against particulates can also be obtained. It can be used in industries where excess levels of multigases are present in the workplace atmosphere.

**Bayonet fitting:**

Ensures precise & safer locking  
Low breathing resistance

**High Performance Filter Media:**

- + Good balance of weight on face
- + excellent field of vision as a result of unique trapezoidal shape

**Versatile:**

- + Can be used on all Respire 3 & Respire 4 masks.

**Specification**

The Respire 5 Series Filter has been tested & meets the specifications to EN 14387 Class ABEK1 multigas filter when used with compatible Respire masks.

Half Mask Respirators-up to 10 x Workplace Exposure limit (WEL) or 1000ppm whichever is lower for multigas.

Full Mask Respirators-up to 20 x Workplace Exposure limit (WEL) or 1000ppm whichever is lower for multigas.

Can be combined with Respire 6 P2 filters for particulate protection.

**Hazards/Tasks:**

Working with solvents and/or acid gases such as toluene, chlorine, hydrogen chloride and sulfur dioxide.

Degreasing, using paint thinners, acid cleaning, etching and electroplating, acid and fertilizer manufacturing.

**Warning and Limitations:**

Particular attention should be given to warning statements where indicated.

Proper selection, fit, training, use and appropriate maintenance are essential in order for the product to help protect the wearer from certain airborne contaminants.

Note: Gas/vapour cartridges do not filter particulates. If there is exposure to particulates, including mists, use a combination of filters for protection.

**Applications:**

The Multi Gas/Vapor Gas Cartridge provides respiratory protection against certain organic vapors or acid gases.

Metal Fabrication, Mining, Oil & Gas, Safety, Logistics, construction

## USE INSTRUCTIONS & LIMITATIONS

### Important:

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

### Use For:

Respiratory protection from certain airborne contaminants. The product complies with the **Directive(s) and Standard under Directive PPE 89/686/EEC - (Article 10) / EN 140: 1998.**

### Do Not Use For:

Do not use for concentrations of contaminants which are immediately dangerous to life or health (IDLH), are unknown or when concentration exceeds 10 times the permissible exposure limit (PEL) in air purifying mode, 50 times PEL in supplied air mode or according to specific standards or applicable government regulations, whichever is lower.

### 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 a written respiratory protection program must be implemented meeting all the local government requirements.
3. The airborne contaminants which can be dangerous to your health include those that are so small you may not be able to see or smell them.
4. Leave contaminated area immediately and contact supervisor if you smell or taste contaminants or if dizziness, irritation, or other distress occurs.
5. Store respirator away from contaminated areas when not in use.
6. Dispose of used product in accordance with applicable regulations.

### Use Limitations:

1. This respirator does not supply oxygen when used in air-purifying mode. Do not use in atmospheres containing less than 19.5% oxygen.
2. Do not use when concentrations of contaminants are immediately dangerous to life or health (IDLH), are unknown or when concentrations exceed 10 times the permissible exposure limit (PEL) when used in air-purifying mode.
3. Do not alter, 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 face seal of the respirator.

### Time Use Limitations:

1. If respirator becomes damaged, leave contaminated area immediately and repair or replace the respirator.
2. Replace filters in accordance with the filter Time Use Limitation. (See filter User Instructions.)
3. Replace cartridges in accordance with an established change schedule or earlier if smell, taste or irritation from contaminants is detected.

*Product Description:* **Respiratory Protective Devices (Category III)**

*Examined for compliance with:* **Directive PPE 89/686/EEC (Article 10)**

Model	Model Description
Respire 5 ABEK1	Gas filter ABEK1, Fit to twin-filter half mask Respire 3 & Respire 4

*Relevant Standard(s)/Technical Specification:*

**EN 14387:2004+A1:2008 - Gas filter(s) and combined filter(s)**

*Technical file Reference No:* **CEC40098 – CR28206**

*Original date of issue:* **15th Mar, 2016**

*Date of issue:* **15th Mar, 2016**

*Certificate No:* **CEC40098A7**

## StandardsMark Licence

Manufactured to:

### AS/NZS 1716:2012 - Respiratory protective devices

"the StandardsMark Licensee" the right to use the STANDARDSMARK as shown below only in respect of the goods described and detailed in the Schedule which are produced by the Licensee or on behalf of the Licensee\* and which comply with the appropriate Standard referred to above as from time to time amended. The Licence is granted subject to the rules governing the use of the STANDARDSMARK and the Terms and Conditions for certification and licence. The Licensee covenants to comply with all the Rules and Terms and Conditions.

**Licence No:** SMK40344

Model	Model Description
Respire 5 ABEK1	Gas filter ABEK1, Fit to twin-filter half mask Respire 3 & Respire 4

Issued : 1 October 2015 Originally Certified : 16 December 2014

Expires : 15 December 2019 Current Certification : 1 October 2015



## General Information Sheet

### Intended use

The TSGC Respire 5 Series of cartridges are EN 14387:2004+A1:2008 approved and design to help provide respiratory protection against certain airborne contaminants when used in accordance with the user instructions and applicable health and safety regulations.

### Warning

This respirator helps protect against certain airborne contaminants. Misuse may result in sickness or death. For proper use, see supervisor, or user instruction in bag or call TSGC Inc.

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**CE cat III**  
EN 14387:2004+A1:2008



**AS/NZS 1716:2012**