# PRO2000 FILTERS

FOR RESPIRATORY PROTECTIVE EQUIPMENT





# SCOTT PRO2000 FILTERS

The Scott Pro2000 canister filter range offers a wide choice of filters for specific respiratory challenges, providing high quality and cost efficient protection. Highest specification filter media and materials ensure durability and reliability in the most demanding applications.



 Combining low weight and low breathing resistance, Scott Pro2000 filters are manufactured using superior performance media, giving extended adsorption capacity for gas and combined filters and unrivalled efficiency for the particle element.

Pro2000 filters are fully EN approved to the latest standards, marked 'R' for re-usable (EN 143:2000/ A1:2006), CE certified, and connect via a 40 mm EN148-1 thread. CE approvals: EN143, EN14387. CE0121.

#### **PRO2000 FILTERS**

- Particle filters trap solid and liquid particles, e.g. dusts, smoke, welding fumes, mists, micro-organisms and radioactive particles
- Gas filters protect against hazardous gases and vapours
- Combined filters protect against both gaseous and particulate contaminants

#### PARTICLE FILTERS

- Scott particle filters use only microfibre 'paper' media and do not use any electrostatic filtering method. They are marked 'R' for "reusable" (EN 143/A1:2006)
- PF10 P3 features a high capacity filter element; it removes even the smallest particles with efficiency better than 99,99 %
- The filter element is extremely water-repellent (hydrophobic)

### GAS FILTERS

- Use the highest grade active carbon materials, additionally treated for best performance
- With a safe margin to EN requirements, Pro2000 gas filters perform effectively using only 220–320 ml of carbon
- Less carbon provides low weight and less resistance real benefits for the user

### COMBINED FILTERS

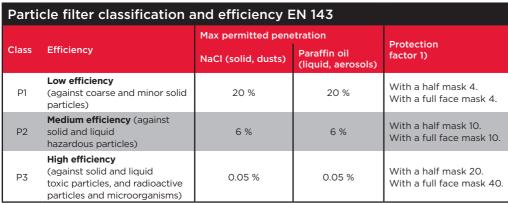
- Combined filters remove hazardous gases and vapours as well as solid and liquid particles
- The particle filter removes aerosol-based particles such as paint droplets. When spraying liquid substances (e.g. spray-painting) a combined filter should be used.

### **HOW TO SELECT A FILTER**

- Will the atmosphere contain sufficient oxygen throughout the period of exposure?
- Which hazardous substances are likely to be present? What are their physical and chemical properties?
- Which forms do the airborne contaminants take dust, fibre, mist, fume, microorganism, gas, vapour, radioactive particulates or gases?
- What health effects can these substances have on the body? Special attention is needed if there are several substances that may interact, either by reacting chemically, or by having synergistic adverse health effects.
- What are the concentrations in the atmosphere?
- What are the relevant occupational exposure limit values or the safe exposure levels?

A filtering device should have the correct type of filter matched to the substance(s) from which the wearer needs protection. The maximum mass of filter designated to be connected to a half mask is 300g and to a full face mask 500g. Filters are colour coded, marked with type and class, as well as labelled with the shelf life as factory sealed. The filter label includes the "CE" mark and EN standard number(s), and markings relevant to particular types; if for a powered respirator, the device class.

### PARTICULATE CONTAMINANTS



1) BS 4275

### PARTICLE FILTER OPERATION LIFE

- The filter does not wear out but gets clogged with particles and/or moisture. A
  particle filter must be replaced when breathing resistance has increased.
- When used against radioactive substances and micro-organisms a particle filter is recommended for single use only.
- Scott particle filters use only microfibre 'paper' media and do not use any electrostatic filtering methods. Pro2000 filters are fully EN approved to the latest standards, marked 'R' for re-usable and CE marked. Shelf life for Scott particle filters is 10 years.

### THE RISK CAUSED BY PARTICLES DEPENDS ON:

- The physical, biological and chemical properties of the contaminant
- Particle size and form
- Concentration in the ambient air and exposure time
- Work pace; the more rapid respiration, the more particles are inhaled

Physiological effects of particulates on the human body					
Inert dusts	Minor effects of concentration: e.g. <5 mg/m3 slight irritation, > 30 mg/m3 high irritation.				
Mineral dusts, e.g. silica dust, quartz	Detrimental, hazardous effects; changes in lung tissues, cancer				
Metal fumes and dusts, e.g. lead, chromium, cadmium, mercury, poisonous particles	Pneumoconiosis, bronchitis, asthma, inflammation, cancer.				
Manufactured fibres, e.g. asbestos and other fibres	Pulmonary fibrosis, mesothelioma, cancer.				
Airborne radioactive substances	Can cause severe damages, e.g. cancer.				
Micro-organisms, e.g. bacteria and viruses	Biological agents can cause diseases, e.g. farmer's lung.				

How far the particles break through depends on the particle size - the smaller the size the more detrimental they are					
Particle size Respiratory tract					
> 10 µm	Trachea				
> 5 10 μm	Bronchial tube				
< 5 μm	Lungs, pleura				
< 1 µm	Alveoli				
< 0.1 μm	Bloodstream				







### **PARTICLE FORMS**

**DUSTS** are airborne solid particles, which are generated during the processing of organic and inorganic substances. Solid particles can be mineral, metal, coal, wood or crop dusts, as well as various fibres.

**FUMES**, evaporating metal creates fumes during cooling.

**SMOKE** consists of small coal and soot particles and potentially other partly incinerated materials. It can include both liquid droplets and solid particles.

**MISTS** are airborne droplets which are created when a fluid disperses in air in the form of small particles.

*MICRO-ORGANISMS*, e.g. bacteria and viruses.

RADIOACTIVE PARTICLES are generated from radioactive material







### THE SERVICE LIFE OF A GAS FILTER DEPENDS ON

- Concentration and characteristics of the workplace contaminant
- Filter capacity, e.g. filter class, compare workplace concentrations to test values
- Breathing volume and work rate
- Humidity of the air
- Temperature of the atmosphere

### Gases and vapours have various effects on health:

- They can irritate the membranes of respiratory organs, the eyes and skin
- They can reach the lungs and cause damage there
- They can be absorbed in the blood and cause temporary or permanent damage to various parts of the body
- They can cause irrepairable damage to the nervous system
- The most hazardous gases can intoxicate or suffocate, and even destroy individual bodily organs
- They can be lethal

### Effects of gaseous substances depend on:

- The characteristics of the gas or vapour; e.g. toxicity
- The concentration of the contaminant in the air
- Duration of exposure to the contaminant
- The chemical compound or mixture of substances making up the contaminant
- The ability to react chemically with organic tissue as well as the propensity to be absorbed in the blood
- Personal characteristics, e.g. rate of respiration, blood circulation and sensitivity

### **GASEOUS CONTAMINANTS**

GAS FILTER CLASSIFICATION

Capacit	Capacity							
Class	Capacity	Max concentration of the test gas. EN 14387. Negative pressure respirators	Max concentration of the test gas. EN 12941 and 12942. Powered and power assisted respirators					
1	Low capacity	1.000 ppm (0.1 %)	500 ppm (0.05 %)					
2	Medium capacity	5.000 ppm (0.5 %)	1.000 ppm (0.1 %)					
3	High capacity	10.000 ppm (1 %)*)	5.000 ppm (0.5 %)					

<sup>\*)</sup> NOTE! The test gas concentration with A-filter in class 3. is 0.8 vol.-% (EN 14387).

Gas Filter Capacity EN 14387							
Filter type	Test gas		ed breakthrough tin ss / test gas concen				
		1. Class	2. Class	3. Class			
А	Cyclohexane C <sub>6</sub> H <sub>12</sub>	70 min	35 min	65 min			
В	Chlorine Cl <sub>2</sub> Hydrogen sulphide H <sub>2</sub> S Hydrogen cyanide HCN	20 min 40 min 25 min	20 min 40 min 25 min	30 min 60 min 35 min			
Е	Sulphur dioxide SO <sub>2</sub>	20 min	20 min	30 min			
K	Ammonia NH <sub>3</sub>	50 min	40 min	60 min			

Special Filters						
Filter type	Test gas	Minimum allowed breakthrough time	Test gas concentration			
AX	Dimethyl ether CH3OCH3 Isobutane C4H10	50 min 50 min	0.05 vol% 0.25 vol%			
Hg-P3	Mercury, vapour Hg	100 hours	1.6 ml/mg			

Gas filter capacity with powered air respirators EN 12941 & EN 12942						
Filter type	Test gas		ed breakthrough time i ss / test gas concentra			
		1. Class	2. Class	3. Class		
А	Cyclohexane C <sub>6</sub> H <sub>12</sub>	70 min	70 min	35 min		
В	Chlorine Cl <sub>2</sub> Hydrogen sulphide H <sub>2</sub> S Hydrogen cyanide HCN	20 min 40 min 25 min	20 min 40 min 25 min	30 min 40 min 35 min		
E	Sulphur dioxide SO <sub>2</sub>	20 min	20 min	20 min		
K	Ammonia NH <sub>3</sub>	50 min	50min	40min		

### **COMBINED FILTERS**

Combined filters remove hazardous gases and vapours as well as solid and liquid particles. The particle filter removes aerosol-based particles such as paint droplets. When spraying liquid substances (e.g. spray-painting) a combined filter must be used.



## **PRO2000 FILTERS**

D . 2222 5'll					
Pro2000 Filt	ers				Chama
Colour Code	Code	Filter Type	Application	Weight	Storage Time, years
Particle Filte	r				
	5052670	PF10 P3 PSL R	Solid and liquid particles of toxic agents, radioactive substances and microorganisms, e.g. bacteria and viruses.	96	10
	5052680	PFR10 P3 R	Solid and liquid particles of toxic agents, radioactive substances and microorganisms, e.g. bacteria and viruses.	96	10
Gas Filter					
	5042870	GF 22 A2	Organic gases and vapours, e.g. solvents with a boiling point above 65°C.	195	5
	5042871	GF 22 B2	Inorganic gases and vapours, e.g. chlorine, hydrogen sulphide and hydrogen cyanide.	198	5
	5542972	GF 32 E2	Acid gases and vapours e.g. sulphur dioxide.	306	5
	5042873	GF 22 K2	Ammonia and organic ammonia derivates.	257	5
	5542874	GF 22 A2B2	Organic and inorganic gases and vapours.	198	5
	5042979	GF 32 A2B2E2K2	Organic, inorganic and acid gases and vapours as well as ammonia.	322	5
	5042970	GF 32 AX	Gases and vapours from organic compounds with a boiling point below 65°C.	268	5
Combined Fi	lter				
	5042670 5543070	CF22 A2-P3 PSL R CF32 A2-P3 R	Organic gases and vapours, e.g. solvents with a boiling point above 65°C, solid and liquid particles, radioactive and toxic particles and micro-organisms.	241 342	5
	5042671	CF22 B2-P3 PSL R	Inorganic gases and vapours, e.g. chlorine, hydrogen sulphide, hydrogen yanide, fluorine, cyanogen chloride, phosgene and solid and liquid particles, radioactive and toxic particles and micro-organisms.	268	5
	5043072	CF 32 E2-P3 R	Acid gases and vapours e.g. sulphur dioxide, hydrogen fl uoride, formic acid, nitric dioxide, solid and liquid particles, radioactive and toxic particles and micro-organisms.	385	5
	5042673	CF 22 K2-P3 R	Ammonia and organic ammonia derivates, solid and liquid particles, radioactive and toxic particles and micro-organisms.	312	5
	5542674	CF22 A2B2-P3/ PSL R	Organic and inorganic gases and vapours, solid and liquid particles, radioactive and toxic particles and micro-organisms	268	5
	5042678	CF22 A2B2E1-P3/ PSL R	Organic, inorganic and acid gases and vapours, solid and liquid particles, radioactive and toxic particles and plus microorganisms.	268	5
	5042778	CF22 A1E1Hg-P3 PSL R	Organic and acid gases and vapours, mercury and mercury compounds, solid and liquid hazardous particles, e.g. radioactive and toxic substances and micro-organisms.	270	5
	5042799 5543699	CF32 A2B2E2K2-P3 PSL R CFR32 A2B2E2K2- P3R	Organic, inorganic and acid gases and vapours as well as ammonia and organic ammonia derivatives, solid and liquid hazardous particles, e.g. radioactive and toxic substances and micro-organisms.	387 387	5 *) 5
	5042770	CF32 AX-P3 R	Gases and vapours from organic compounds with a boiling point below 65°C, solid and liquid hazardous particles, e.g. radioactive and toxic substances and micro-organisms.	350	5
	5542777 5043679	CF32 Reactor- Hg-P3 R CFR32 Reactor -Hg-P3 R	Mercury and mercury compounds, radioactive iodine and its organic compounds like methyl iodide, solid and liquid hazardous particles, e.g. radioactive and toxic substances and micro-organisms.	331 331	5 5
	5542798	CF 32 AB2E2K2Hg- P3	Organic, inorganic and acid gases and vapours as well as ammonia and organic ammonia derivates, mercury and mercury compounds, solid and liquid particles, radioactive and toxic particles and micro-organisms.	371	5

Key: R = Reusable for the particle filter element PFR and CFR = Reduced opening

PSL = Approved with selected Scott powered air respirators

\*) In aluminium foil package 10 y.



### **PARTICLE FILTERS**











































### FILTER SELECTION GUIDE

Explanations: Breathing apparatus = cannot be filtered or high risk: use SCBA or airline, to be specified at the workplace. Isocyanates: please note the document "Scott filters for use against Isocyanates", available from Scott Customer Services.

### NOTE!

This filter selection guide is applicable only to Scott Safety filters (marked Scott or Protector) and does not offer guidance for other manufacturer's filters. This guide includes Scott's basic application data of filter types, and does not cover all potential airborne contaminants. While we are glad to provide guidance, responsibility for correct filter selection remains with the health and safety professionals in the workplace. Before choosing a filter a risk assessment must be completed. Hazardous substances in the workplace air must be identified and measured. Airborne contaminant levels must be compared with the relevant occupational exposure limit values or the safe exposure levels (see national guidance). The required protection factor, the RPE to be used and the filter type should be specified with consideration to the properties of the hazardous substances and needs of the wearer, the work and the workplace conditions. A filtering device may be used only if the oxygen content of the air is >17 vol.-% and <23 vol.-%, and not if the airborne contaminants are unknown or if the composition of the atmosphere is likely to change disadvantageously. The recommended minimum oxygen level is 19.5%. In case of doubt, insulating respirators which function independently from the ambient atmosphere (e.g. SCBA or Airline) must be used. Gas filters do not protect against particles. Likewise, particle filters do not provide protection against gases or vapours. In case of doubt, use combined filters.

Age	Substance	Scott Filter	Substance	Scott Filter	Substance	Scott Filter	Substance	Scott Filter	Substance	Scott Filter
According		PZ	Argon			А		P3		Α
Acesic enthylotide  10				SCBA		Dζ	Clopidol (CoydenR*)	P3	Dichlorvos (DDVP)	A-P3
Academy	•			P3		13	Coal tar	A-P3	Dicrotophos (Bidrin®)	A-P3
Acethories						P3	Cobalt metal, dust and	P3	Dicyclopentadiene	A-P3
Acatol prisonal	-			P3			fume (as Co)		Dicyclopentadienyl iron	P3
Abbettos 9 5 Colician hydroxide 1 par Abbettos 9 5 Colician hydroxide					Calcium cyanide	B-P3			Dieldrin	A-P3
Application   Barrier   Barrier   Application   Barrier   Application   Barrier   Barrier   Application   Barrier   Barrier   Application   Barrier   Barrier   Application   Barrier   Barrier   Barrier   Application   Barrier   Barrier   Barrier   Application   Barrier   Barrier   Application   Barrier   Ba					Calcium hydroxide				Diethylamine	AX
Acest   principal content   P					Calcium oxide	P3			2-Diethylaminoethanol	
Arranne	Acetyl hydroperoxide	B-P3		A-P3		A-P3				
Acetylerionacie   By 5   Administration   By 5   Common   By 5	(Peracetic acid)			D3						AX
Aceylulane   P3	Acetylperoxide									
Scale										
Acetylene betrabromide	Acetylene									AX
Acetylanicity  care				P3						^
Acroblem   Ax   Ax   Acroblem   Ax   Ax   Ax   Ax   Ax   Ax   Ax   A	Acetylene tetrahromide									
Action decision				P3						
Acrylaride   A-F3			Barium carbonate,	P3						
Acyjondrice					Carbon dioxide					
A. F.   Conting										, , , ,
Acklair net A Baylori, we fertition AP3 Benomy AP3 Beno				4 57	Carbon disulfide					A
Alkali metals P.S. Beautifullion A.P.S. Carbon morooide use of Cycloheseeles in Cycloheseel									Dimethylamine	K2
Ally alcahol A Bentanne A Carbon tetrahomida Ally anime K. A. Sensitine Ally a	•				Carbon monoxide	Use			Dimethylaminobenzene,	Α
Bentzme A Carbon tetrahoromich Carbon de Bendine (APS) Bendine (APS) Bendine (APS) Carbon tetrahoromich A I Scyclepentadien (APS) Dimethylamiline (APS) Dimethylamiline (APS) Ally Jacobien (APS) Carbon (Potential (APS) Dimethylamiline (APS) Di							•		see Xylidine	
Allyl achonle (										A-P3
Aliyal promine	Allyl alcohol	Δ								
Ally chlorine formate A Guilorine) Ally chlorine formate A B Senzoritriuride A282-PS Carbonyli flunde B Senzoritriuride B Senzoritriur	•						1,3 Cyclopentadiene	AX		A
Allyl chlorine formate Allyl chlorine Allyl socyanate Allyl				A-P3		B2-P3		Use		D D7
Aly   slocy   Aly   Secondard   Aly   Secondard   A-93   Secondard   A-93   Secondard   A-93   Secondard   A-93   Secondard   Aly   slocy   Aly   slocy   Aly   slocy   Aly   slocy   Aly   secondard   Aly   slocy   Aly   secondard   Aly   secondard   A-93   Secondard   Aly   secondard   Aluminium carbolic   Aluminium carb	•			A2R2-P3						B-P3
Ally isocyanate See fact Benzoto Joynean P3 Cellusion (ASE) Ally isocyanate See fact Benzoto Joynean P3 Cellusion (Page Introduce (Page Introd				71202 1 0				SCBA		^~
Ally isocyanate   See fact   Service (chloride   Service   Service (chloride   Service   Servi			•	A-P3		A-P3	D		•	
Ally is socyanate see fact sheet or Beny Linding sheet or Beny Lin				P3		DZ		P3,		
sheet for size of sheet for size of sheet for size of sheet for sheet sheet of sheet	Allyl isocyanate	See fact								
Bijphenyl A-P3 Allyst propyl disulfide Bijphenyl A-P3 Boron trifluoride Chlorine dioxide Bijphenyl A-P3 Allyst propyl disulfide Bijphenyl A-P3 Boron trifluoride Bijphenyl A-P3 Boro				P3	-			57		
Aluminium alafis A P3 Bismuth telluride P3 Chlorine B Decaborane B-P3 Chlorine Colored B Decaborane B-P3 Chlorine Chlori				A-P3	Chlorinated camphene			P3		
Aluminum, allysis AP3 doped Chlorine dicioide B Decaborane Use 3,5-Dintro-o-crossol B-P3 Aluminum, allysis AP3 doped Chlorine dicioide B Demeton* Use 3,5-Dintro-o-tolusmide B-P3 Chlorine dicioide B-	A II		Bismuth telluride	P3				Λ-D7		515
Aluminum carbiole ali-like by			Bismuth telluride, Se-	P3	Chlorine	В				B-P3
Borates, terta, sodium  SCBA Aluminium chloride P3 - Anhydrous P3 - Aluminium fluoride P3 - Decahydrate P3					Chlorine dioxide	В				B-P3
Aluminium thloride p3 - Anitydrous p3 a - Chloroacetaldehyde A7 Diacetone alcohol A P-Dioxane and 14-Di- A Aluminium thuoride p3 - Decahydrate p3 Chloroacetyl chloride A-P3 (L+hydroxy-4-methyl- coxane Aluminium metal and oxide Boron o	Aluminium carbide				Chlorine trifluoride	B2	Demeton		(Zoalene*)	
Aluminium fluoride p3 - Aennydrous P3 - Chloroacetophenone A-P3 (A-Pytroy-4-methyl) oxane and 14-Di- Aluminium fluoride p3 - Pentahydrate P3 Chloroacetyl-chloride Aluminium metal and oxide Born oxide P3 - Chloroacetyl-chloride P3 (Chlorobenzene) (Mono- A 2-pentanone) Dioxathino (Delnav') P3 (Aluminium pyro pox p3 and compound box oxide Born oxide P3 (Chlorobenzene) (Mono- A 2-pentanone) Dioxaminio (Parameter P3 (Aluminium pyro pox powders P3 (Aluminium sulphate P3 (Aluminium su					Chloroacetaldehyde	Α		SCBA	Dinitrotoluene	B-P3
Aluminium metal and p3 - Petahydrate p3 - Chloroacestyl chloride A-P3 (4-hydroxy-4-methyl- oxane ploxathion (Delnav*) p3 Aluminium metal and p3 - Petahydrate p3 Boron oxide p5 Ghoroacenee (Mono powers powders powde	Aluminium chloride		•		a-Chloroacetophenone	A-P3	Diacetone alcohol	Α	p-Dioxane and 1,4-Di-	A
Aluminum metal and p3 Boron oxide P3 Chlorobenzyalden P3 L2-Diaminoethane, see K Diphenylamine P3 Diphenylamine P5 Diphenylam										
Aluminium pyro pyroders powders powder	Aluminium metal and	P3				A				
Alluminum proposed providers provided pr								K		
Aluminium welding P3 Boron trifromide B-P3 C-Chloro-I, 3-butadiene AX Diazomethane B B Aluminium soluble salts P3 Bromacil A-P3 momethane B2 Chlorodiflor/bro- AX Diborane B2 Disproylene glycol mathes Aluminium, soluble salts P3 Bromacil A-P3 momethane B2 Chlorodiphenyl (42% A-P3 Ethylene dibromide Dibrom A P3 Dipromethane, see A Diproylene glycol methyl ether methyl ether B2 Chlorodiphenyl (42% A-P3 Ethylene dibromide Dibrom A P3 Dipromethane, see A Diproylene glycol methyl ether methyl ether and Dibrom A P3 Dipromethane, see A Diproylene glycol methyl ether methyl ether and Dibrom A P3 Chlorodiphenyl (42% A-P3 Chlorodiphenyl (42% A-P3 Chlorodiphenyl (42% A-P3 Chlorodiphenyl (42% A-P3 Chlorodiphenyl (54% A-P3 Ch	Aluminium pyro	P3		B2-P3		A-P3		A D7		
Aluminum welding furmes Aluminium, soluble salts Aluminium, soluble salts B-P3 Bromacil AP3 Bromine B-P3 Chlorodiphenyl (42% A-P3 Chlorodiphenyl (42%	powders		•	D-D7		***			disocyanate (MDI)	
Aluminium, soluble salts P3 Bromacil A-P3 momethane Aluminium sulphate B-P3 Bromine B2 Chlorodiphenyl (42% A-P3 Ethylene dibromide methyl ether Dibrom' A-P3 Diquat P3		P3								
Aluminium sulphate B-P3 Bromine B2 Chlorodiphenyl (42% A-P3 Dibromine de Arminobiphenyl A-P3 Brombenzyl cyanide B-P3 Chlorodiphenyl (54% A-P3 Dibromine de Arminobiphenyl A-P3 Brombenzyl cyanide B-P3 Chlorodiphenyl (54% A-P3 2-n-Dibutylaminoeth- And Di-sec-octyl phthalate A-P3 (Di-2-ethylkexylphthalate A-P3 (D						AX			Dipropylene glycol	
Aminobiphenyl A-P3 Brombenzyl cyanide B-P3 Chlorine) Dibrom' A-P3 Dictoration A-P3 Diquat P3 Aminobiphenyl P3 Brombenzyl cyanide B-P3 Chlorine) Dibrom' A-P3 Dictoration A-P3 Di						Δ-D3		A		
Arminoliphenyl p3 Bromine entafluoride AX Chlorine) 4-Aminocliphenyl p3 Bromine entafluoride AX Chlorine) 4-Aminocliphenyl p3 Bromine ethane AX Chlorine) 4-Aminocliphenyl p3 Bromine ethane AX Chlorine) 2-Aminopyridine K-p3 Bromoform A pane (Epichlorobydrin) 3-Amino-1,2,4-triazole A-p3 Butane AX Chlorine) 3-Amino-1,2,4-triazole A-p3 Butane AX Butadiene (1,2-buta-dine) 4-Ammonium chloride p3 Butanethiol B B						AIS		Δ-P3		P3
2-Aminopuridine AX Chlorine) 2-Aminopuridine A Bromochloromethane AX Chlorine) 2-Aminopuridine K-P3 Bromorim A Bromochloromethane AX Chlorine) 3-Aminopuridine K-P3 Bromorim A Bromorim AX Chlorine AX Dibutyl phosphate A-P3 Dibutyl phthalate A-P3 Disulfuram P3 Disulfura						A-P3			Di-sec-octyl phthalate	A-P3
2-Aminoethanol A Bromochloromethane AX Inchloro-2, 3-epoxypro-pane (Epichlorohydrin) Dibutyl phthalate A-P3 Disulfuram P3 Disulf									(Di-2-ethylhexylphtha-	
2-Aminopyridine K-P3 Bromform A 2-Chlorosthanol (Ethyl- A Dibutyl phthalate Use Disulfton (Disyston*) P3 3-Amino-1,2,4-triazole A-P3 Butane AX 2-Chlorosthanol (Ethyl- A Dibutoracetylene Use Disulfton (Disyston*) P3 3-Amino-1,2,4-triazole A-P3 Butane AX ene chlorohydrin) Ammonia K Butadiene (1,2-buta- diene) Ammonium chloride P3 diene) Butanethiol B Butanethiol B Butanethiol B Butanethiol B Butanethiol B Dis-Chlorosthylene AP3 o-Dichlorobenzene A Diuron A-P3 Ammonium fluoride P3 2-Butanone A Chloroform (Trichlo- AX p-Dichlorobenzene A Divinyl benzene AP3 Ammonium perchlorate Ap3 cellosolve*) Ammonium sulfamate P3 (Ammonium sulfamate P3 (Ammonium sulfamate P3 tert-Butyl acetate A Butyl acrylate A Butyl acrylate A Butyl acrylate A Divinyl benzene AP3 Sec-Amyl acetate A Butyl acrylate A O-Chlorostryene A I,2-Dichloroethane AX Endosulfan (Thiodan*) P3 Amyl elcohol A Naminie A or K sec-Butyl alcohol A Butyl airohol A Chloroforemethyl Butyl Apyldine (N-Serve*) Aniidine & homologues A Butyl chloride A Chloroforemethyl Butyl airohol A Chloroforemethyl Butyl Apyldine (N-Serve*) Aniidine & Co-Chlorostryene A Dichloroethane AX Endosulfan (Thiodan*) P3 Aniidine (O-, P- A Butyl chloride A Chloroforemethyl Butyl Chloride A Chloroprifos (Oursban*) A-P3 Dichloroethane A Or K SCBA Endosulfan (Thiodan*) P3 Dichloroethane A Or K SCBA Endosulfan (Thiodan*) P3 Dichloroethane A Or K SCBA Endosulfan (Thiodan*) P3 Dichloroethane A Divinyl benzene A Epichlorohydrin A Epichloroforemethyl Butyl Chloride A Chloroprifos (Oursban*) A-P3 Dichloroethane A Divinyl benzene A Divinyl benzene A Divinyl benzene A Divinyl benzene A Epichlorohydrin A Epichloroforemethyl Butyl Chloride A Chloroprifos (Oursban*) A-P3 Dichloroethylene A Divinyl benzene A Divinyl benzene A Epichloroforemethyl Butyl Chloride A Chloroprifos (Oursban*) A-P3 Dichloroethylene A Divinyl benzene A Divinyl benzene A Divinyl benzene A Divinyl benzene A D					1-Chloro-2, 3-epoxypro-	А		A-P3		
2-Amino-1)2-4-triazole A-P3 Butane AX enchlorohydrin) AX enchlorophydrin) Butane AX enchlorohydrin) AX enchlorophydrin) AX enchlorophydrin AX enchlorophydrin) AX enchlorophydrin AX enchlorop								A-P3		
Ammonia K Butadiene (1,2-buta- Butadiene (1,2-buta- Ammonia K Butadiene (1,2-buta- Ammonia K Butadiene (1,2-buta- Butadiene (1,2-buta- Ammonia K Butadiene (1,2-buta- Ammonia K Butadiene (1,2-buta- Butadiene (1,2-buta- Ammonia K Butadiene (1,2-buta- Ammonia Mile Ammonia M Butadiene (1,2-buta- Ammonia M Butadetate A Chloro- Ammonia M Butadetate A Chloro- Ammonia M Butadetate A Chloro- Aniline A Butyl alcohol A G-(trichloromethyl) Aniline A bomologues A Butyl alcohol A G-(trichloromethyl) Aniline A bomologues A Butyl chloride A Butyl chloride A Chromates (as Cr) Aniline A Butyl chloride A Chromates (as Cr) Aniline A Butyl glycidyl ether (BGE) Anili						Α		Use		
Ammonium chloride p3 diene)  Chloroform (Trichlorofthylether A-P3 Ammonium fluoride p3 2-Butanone Ammonium fluoride p3 2-Butanone Ammonium intrate p3 2-Butanone Ammonium nitrate p3 2-Butanone Ammonium nitrate p3 2-Butanone Ammonium nitrate p3 2-Butanone Ammonium perchlorate Ammonium sulfamate Ammo										A-P3
fume Butanethiol B Chloroform (Trichlo- Ammonium fluoride p3 2-Butanone A Chloroform (Trichlo- Ammonium nitrate p3 2-Butoxyethanol (Butyl cammonium nitrate p3 2-Butoxyethanol (Butyl cellosolve")										A D7
Ammonium fluoride p3 2-Butanone A Chloroformethyl ether Ammonium nitrate p3 2-Butanone parchiported p3 cellosolve")  Ammonium nitrate p3 2-Butoxyethanol (Butyl cellosolve")  Ammonium perchlorate p3 cellosolve")  Ammonium sulfamate p3 n-Butyl acetate A Chloropicrin (PS) A-P3 Dichlorodifluoromethane and (Freon-12) air-line or SCBA ScCBA		۲۵		В						
Ammonium nitrate p3 cellosolve*) cellosolve*)		P3		Α		AX				
Ammonium perchlorate p3 cellosolve*)				A		A D7			•	A-P3
Ammonium sulfamate (Ammate) Ammonium sec-Aupli alcate (Ammate) Ammonium sulfamate (Ammate) Amiline Ammonium sulfamate (Ammate) Amiline Ammonium sulfamate (Ammate) Aniline Ammonium sulfamate (Ammate) Ammonium sulfamate (Ammate) Amiline Ammonium sulfamate (Ammate) Ammonium sulfamate (Ammate) Amiline Ammonium sulfamate (Ammate) Ammonium sulfamate (Ammate) Amiline Ammonium sulfamate (Ammate) Amiline Ammonium sulfamate (Ammate) Amiline Ammonium sulfamate (Ammate) Ammonium sulfamate (Ammate) Ammonium sulfamate (Ammate) Amiline Ammonium sulfamate (Ammate) Amiline Ammonium sulfamate (Ammate) Amiline Amm										D.7
(Ammate) sec-Butyl acetate A Butyl acetate A B	·						arre (Freon-IZ)			
n-Amyl acetate A Butyl acrylate A o-Chlorostyrene A 1,2-Dichloroethane A Epichlorohydrin A Epichlorohydrin A Dichloroethane A Butyl acrylate A n-Butyl alcohol A n-Butyl alcoh							11-Dichloroethane			
sec-Amyl acetate A Duty al acetate A n-Butyl alcohol A n-Butyl alcohol A n-Butyl alcohol A 2-Chloron P3 Dichlorothylene AX EPN (Phosphorothioic acid)  n-Amylamine A or K sec-Butyl alcohol A 2-Chloron P3 Dichlorothyl ether A 2 (Amyl mercaptan B tert-Butyl alcohol A 5-(trichloromethyl) Dichlorofluoromethane B tert-Butyl alcohol A 6-(trichloromethyl) Dichlorofluoromethane B b tert-Butyl alcohol A 6-(trichloromethyl) Dichlorofluoromethane B b tert-Butyl alcohol A 7-(trichloromethyl) Dichlorofluoromethane B b b b b b b b b b b b b b b b b b b		Α								
Amyl alcohol A n-Butyl alcohol A or K sec-Butyl alcohol A 2-Chloro- P3 Dichloroethyl ether A acid) n-Amylamine A or K sec-Butyl alcohol A 6-(trichloromethyl) Dichloroethyl ether A acid) Amyl mercaptan B tert-Butyl alcohol A pyridine (N-Serve*) Aniline & homologues A Butylamine K or B Aniline & K or B Aniline & Aniline & Butylamine Butyl chloride A Chromates, certain P3 Dichloromethane, see AX Ethanol (ethyl alcohol) A Ethanol (ethyl alcohol) A Anilinony and compounds (antimonivety Stibine)  Antimony and compounds (antimonivety GBGE) Stibine)  Anily alcohol A Collonoide A Collonoide A Collonoide Butyl alcohol A Chromates (as Cr) Butyl dichoromethyl) Dichloromethyl ether A Chromates, certain P3 Dichloromethane, see AX Ethanol (ethyl alcohol) A Ethion (Nialate*) Ethologophic Acid Acid Acid Acid Acid Acid Acid Ac		Α								
n-Amylamine A or K sec-Butyl alcohol A full mercaptan B tert-Butyl alcohol A pyridine (N-Serve*) Dichlorofluoromethane Use air-line or 2,3-Epoxy1-propanol AX Aniline & homologues A Butylamine K or B Chloropyrifos (Dursban*) A-P3 SCBA Ethanethiol AX Anisidine (o-, p- isomers) B-P3 (as Cro3) Chromates (as Cro3) Chromic acid and P3 (1,1-Dichloro-1-nitro-pounds (antimonivety Stibine) (BEE) Chromates (as Cr) Ethousectate A Classification (Cellosolve acetate)										P3
Amyl mercaptan B tert-Butyl alcohol A Butylamine K or B Chlorpyrifos (Dursban*) A-P3 SCBA Ethanethiol AX Anlidine (b. p- A library) Anlidine (b. p- Anlidine (b. p- Insomers)										AX
Anlisine & homologues  A Butyl chloride A Chromates, certain P3 Dichloromethane, see AX Ethanethiol AX isomers)  Antimony and compounds (antimonivety = Stibine)  SCBA Ethanethiol AX Ethanol (ethyl alcohol) A Ethion (Nialate*) P3 I1,1-Dichloro-1-nitro- A 2-Ethoxyethanol A Chromates (as Cr) ethane  Chroma	Amyl mercaptan	В								
Anisidine (o-, p- isomers) tert-Butyl chromate tert-Butyl chromate isomers) tert-Butyl chromate isomers isomer	Aniline & homologues	A	•		Chlorpyrifos (Dursban*)	A-P3				
isomers) tert-Butyl chromate P3 insoluble forms Methylene chloride Ethion (Nialate*) P3 Antimony and compounds (antimonivety		A				P3	Dichloromethane, see	AX		
Antimony and compounds (antimonivety n-Butyl glycidyl ether A Chromic acid and P3 1,1-Dichloro-1-nitro- A 2-Ethoxyethanol A Chromic scid and P3 1,1-Dichloro-1-nitro- A 2-Ethoxyethanol A 2-Ethoxyethyl acetate A 2-Ethoxyethyl acetate A 1,2-Dichloro-1-nitro- A 2-Ethoxyethyl acetate A 1,2-Dichloro-1-nitro- A 2-Ethoxyethyl acetate A 2-Ethoxyethyl acetate A 1,2-Dichloro-1-nitro- A 2-Ethoxyethyl acetate A 1,2-Dichloro				P3						
Chromates (as Cr) ethane ethan		B-P3		^		P3		Α		
n-Butyl lactate A ing (chromate) (as Cr) see Propylene chloride Fthyl acetate A				A						
ing (chromate) (as Cr) see Propylene chioride	- Stibilie)			А		P3		Α		
	ANTU	A-P3	o-sec Butyl phenol	A	ing (chromate) (as Cr)		See Propylene chloride Dichloropropene	А		Α

Substance	Scott	Substance	Scott	Substance	Scott	Substance	Scott	Substance	Scott
Ethyl acrylate	Filter A	Isophorone	Filter	Methyl isobutyl ketone	Filter	Phenylphosphine	Filter B	Tetramethyl lead	Filter A-P3
Ethyl alcohol (Ethanol)	A	Isophorone diisocy-	A See fact	(MIBK)	А	Phorate (Thimet*)	P3	(as Pb)	A-P3
Ethyl amine	K or AX	anate	sheet for isocy-	Methyl isocyanate	See fact sheet for	Phosdrin (Mevinphos*)	A-P3	Tetramethyl suc- cinonitrile	A-P3
Ethyl amyl ketone (5-Methyl-3-heptanone)	А		anates		isocy-	Phosgene (carbonyl chloride)	B2-P3	Tetranitromethane	В
Ethyl benzene	Α	Isopropyl acetate	A	Methyl ketone	anates AX	Phosphine	В	Tetrasodium pyroph-	P3
Ethyl bromide Ethylbutyl ketone	AX A	Isopropyl alcohol Isopropylamine	A K or AX	Methyl methacrylate	A	Phosphoric acid Phosphorous (yellow,	B-P3 P3	osphate Tetryl (2,4,6-trinitrophe-	P3
(3-heptanone)	A	n-Isopropylaniline	Α	Methyl mercaptan	B, AX	white)		nyl-methylnitramine)	
Ethyl chloride	AX B	Isopropyl ether Isopropyl formiate	A A	Methyl parathion Methyl propyl ketone	A-P3 A	Phosphorus penta- chloride	B-P3	Thallium 4,4`-Thiobis (6-tert-	P3 P3
Ethylene chlorohydrin Ethylene glycol,	В	Isopropyl nitrate	В	Methyl silicate	A	Phosphorus penta-	B-P3	butyl-m-cresol)	
- Particulate	P3	Isopropyl glycidyl ether	Α	α-Methyl styrene	A	sulfide	D D7	Thiram* Tioglycolic acid	P3 B
- Vapour	A B	(IGE) <b>K</b>		Methyl vinyl ether Mevinphos	AX A-P3	Phosphorus trichloride Phthalic acid anhydride	B-P3 A-P3	Tin, inorganic com-	P3
Ethylene glycol dinitrate and/or Nitro-	В	Kaolin	P3	Molybdenum (as Mo)		m-Phthalodinitrile	P3	pounds, except SnH4	
glycerin Ethylene glycol methyl	А	Ketene	Use air-line or	<ul> <li>Soluble compounds</li> <li>Insoluble compounds</li> </ul>	P3 P3	Picloram (Tordon*) Picric acid	P3 P3	and SnO2 Tin, organic compounds	A-P3
ether acetate (Methyl	A		SCBA	Monochlorodifluore-	Use	Pival* (2-Pivalyl-1,3- in-	P3	(as Sn)	
cellosolve® acetate)	A.V	L		thane (Freon 142)	air-line or	dandione)		Tin oxide (as Sn) Titanium dioxide (as Ti)	P3 P3
Ethylene oxide Ethylenimine	AX K2	Lead, inorg., fumes & dust (as Pb)	P3	Monocrotophos	SCBA P3	Platinum (Soluble salts) (as Pt)	P3	Toluene (Toluol)	A
Ethyl formate	AX	Lead alkyls	A-P3	Monomethyl aniline	Α	Polychlorobiphenyls,	A-P3	Toluene-2, 4-diisocy- anate (TDI)	See fact sheet for
Ethylidene norbornene n-Ethylmorpholine	A A	Lead arsenate (as Pb) Lead chromate (as Cr)	P3 P3	Morpholine MTBE	A AX	see Chlorodiphenyls Potassium hydroxide	P3	unate (151)	isocy-
Ethyl silicate	A	Lead nitrate	P3	N		Propane	Use	o-Toluidine	anates A-P3
F		Lead sulphate	P3	Naphthalene	A-P3		air-line or SCBA	Tributyl phosphate	A-P3
Fensulfothion (Dasanit) Fenthion	P3 A-P3	d-Limonene Lindane	A A-P3	Naphthylamine	K-P3 or A-P3	Propargyl alcohol	Α	Trichloroacetic acid	В
Ferbam	P3	Lithium	P3	Neon	Use	ß-Propiolactone Propionic acid	A-P3 A	1,2,4-Trichlorobenzene 1,1,1-Trichloroethane, see	A A
Ferrovanadium dust	P3	Lithium hydride	P3		air-line or SCBA	n-Propyl acetate	A	Methyl chloroform	
Fluorine Formaldehyde	B B2	M Magnesium, powder	P3	Nickel carbonyl	Use	Propyl alcohol	Α	Trichloroethylene Trichlorofluoromethane	A Use
Formamide	A	Magnesium oxide fume	P3		air-line or SCBA	n-Propyl nitrate Propylene	B Use	(Freon-11)	air-line or
Formic acid	E	(as Mg)	Р3	Nickel metal	P3	Fropylerie	air-line or	Trichloromethane, see	SCBA AX
Furfural Furfuryl alcohol	A A	Magnesium nitrate Magnesium perchlorate	P3	Nicotine	A-P3 E-P3	Propylene glycol	SCBA B	Cloroform	AA
G		Malathion	A-P3	Nitric acid Nitric oxide	Use	dinitrate	ь	Trichloronaphthalene	A-P3
Gasoline	AX	Maleic anhydride Manganese (as Mn)	A-P3 P3		air-line or	Propylene glycol mono- methyl ether	Α	1,2,3-Trichloropropane 1,1,2-Trichloro 1,2,2-trif-	A Use
Germanium tetrahy- dride	B2-P3	Manganese fume	P3	p-Nitroaniline	SCBA A-P3	Propylene imine	AX	luoroethane	air-line or
Glass, fibrous or dust	P3	(as Mn)	Р3	Nitrobenzene	A-P3	Propylene oxide	AX	Tricyclohexyltin hydrox-	SCBA P3
Glutaraldehyde Glyserol, mist	A-P3 A-P3	Manganese tetroxide Melamine	Use	p-Nitrochlorobenzene	B-P3 P3	Propyne, see Methyl acetylene	Use air-line or	ide (Plictran*)	
Glyserol trinitrate	A-F3		air-line or	4-Nitrodiphenyl Nitroethane	В		SCBA	Triethylamine Trifluorobromomethane	A Use
Glycol ethers	Α	Mercaptan	SCBA B	Nitrogen dioxide	Use	Pyrethrum Pyridine	P3 A	mildorobromometriane	air-line or
<b>H</b> Hafnium	P3	Mercury (Alkyl com-	Hg-P3		air-line or SCBA	Q		Trimethyl benzene	SCBA A
Helium	Use	pounds) (as Hg) Mercury (all forms	Hg-P3	Nitrogen oxide	Use	Quartz	P3	Trimethyl phosphite	В
	air-line or SCBA	except alkyl) (as Hg)	119 1 5		air-line or SCBA	Quinone	A-P3	2,4,6-Trinitrotoluene	В
Heptachlor	A-P3	Mesityl oxide Methane	A	Nitrogen trifluoride	В	R Resorcinol	A-P3	(TNT) Triorthocresyl phos-	A-P3
Heptane (n-Heptane)	Α	Methane	Use air-line or	Nitroglycerin Nitromethane	B B	Rhodium, metal fume	P3	phate	
Hexachlorobutadiene Hexachlorocyclopen-	A A	Mathanathial and	SCBA	1-Nitropropane	В	and dust (as Rh) - Soluble salts (as Rh)	P3	Triphenylamine Triphenyl phosphate	A-P3 P3
tadiene		Methanethiol, see Methyl mercaptan	B, AX	2-Nitropropane	В	Ronnel	A-P3	Tungsten	P3
Hexachloroethane Hexachloronaphthalene	A-P3 P3	Methomyl (Lannate*)	P3	n-Nitrosodimethylamine (dimethylnitrosoamine)	A-P3	Rotenone	A-P3	Turpentine	Α
Hexafluoroacetone	AX	Methoxychlor 2-Methoxyethanol	A-P3 A	Nitrotoluene	В	Rouge S	P3	<b>U</b> Uranium (natural)	P3
Hexamethyl phospho-	A-P3	(Methyl cellosolve*)		Nitrotrichloromethane see, Chloropicrin (PS)	Α	Sarin (GB)	B-P3	Urethane	A-P3
ramide n-Hexane	А	Methyl acetate Methyl acetone	AX A	Nitrous oxide (laugh-	Use	Selenium	P3	V	
2-Hexanone, see Methyl	Α	Methyl acetylene	Use	ing gas)	air-line or SCBA	Selenium hexafluoride	Use air-line or	Vanadium, (V2O5) (as V)	
n-butyl ketone Hexone, see Methyl	А	(propyne)	air-line or SCBA	Nonane	A	677	SCBA	- Dust	P3
isobutyl ketone		Methyl acrylate	A	Octachloronaphthalene	4.07	Silicon Silicon tetrahydride	P3 Use	- Fume Valeraldehyde	P3 A
sec-Hexyl acetate Hexylene glycol	A A	Methyl acrylonitrile	A	Octacnioronaphthalene Octane	A-P3 A	(Silane)	air-line or	Vinyl acetate	Ā
Hydantoin	P3	Methylal (dimethoxym- ethane)	AX	Oil mist, mineral	Р3	Silver, metal	SCBA P3	Vinyl benzene, see Styrene	Α
Hydrazine	K-P3	Methyl alcohol	AX	Organic dust Osmium tetroxide	P A-P3	Sodium	P3	Vinyl bromide	AX
Hydrogen, liquid	Use air-line or	(Methanol) Methylamine	K, AX	(as Os)	A-F3	Sodium azide Sodium bisulfite	P3 E-P3	Vinyl chloride	AX
	SCBA	Methyl amyl alcohol	Α	Oxalic acid	P3	Sodium fluoroacetate	P3	Vinyl cyclohexene dioxide	Α
Hydrogenated ter- phenyls	A-P3	Methyl n-amyl ketone (2-Heptanone)	А	Oxygen	Use air-line or	(1080)		Vinylidene chloride	AX-P3
Hydrogen bromide	B-P3,	Methyl bromide	AX	Oxygen difluoride	SCBA	Sodium hydroxide Sodium metabisulfite	P3 E-P3	Vinyl toluene VX	A B-P3
Hydrogen chloride	E-P3 E-P3	Methyl butyl ketone	A	Oxygen difluoride Ozone	B2 AB-P3,	Soman (GD)	B-P3	w	D-P3
Hydrogen cyanide	B2	Methyl cellosolve* Methyl chloride	A AX		ABEK-P3	Stibine Stoddard solvent	B2 A	Warfarin	P3
Hydrogen fluoride	E-P3 Use	Methyl chloroform	А	P Paraffin wax fume	Р3	Strychnine	P3	White spirit Wood dust	A P3
Hydrogen peroxide	air-line or	(1,1,1-Trichloroethane) Methyl 2-cyanoacrylate	B2-P3	Paraldehyde	A	Styrene monomer	A	X	ro
Hydrogen color:	SCBA B	Methylcyclohexane	A	Paraquat, respirable	P3	Sulfur dioxide Sulfuric acid	E E-P3	Xylene (o-, m-, p-	Α
Hydrogen selenide (as Se)	В	Methylcyclohexanol	A	sizes Parathion	A-P3	Sulfur monochloride	В	isomers) Xylidine	A-P3
Hydrogen sulfide	В	o-Methylcyclohexanone Methyl demeton	A P3	Particulate polycyclicar-	A-P3	Sulfur hexafluoride	Use air-line or	Y	7.1.0
2-Hydroxypropyl acrylate	А	Methylene acetone	Α	omatic hydrocarbons PCB polychlorinated	A-P3		SCBA	Yttrium _	P3
1		Methylene bisphenyl diisocyanate (MDI)	See fact sheet for	bifenyls		Sulfur tetrafluoride	B2 B	<b>Z</b> Zinc chloride fume	Р3
Indene Indium & Compounds	A P3		isocy-	Pentachlorethane Pentachlorphenol	A AP3	Sulfuryl fluoride <b>T</b>	В	Zinc chromates (as Cr)	P3
(as In)		Methylene bromide	anates A	Pentane, isopentane	AX	2,4,5-T	P3	(incl. Zinc potassium chromate)	
lodine	B-P3	Methylbromide	AX	Perchloric acid	B-P3	Tabun (GA) Tantalum	B-P3 P3	Zinc oxide fume	P3
lodoform Iron oxide fume	A-P3 P3	4,4`-Methylene bis (2-chloraniline) MbOCA	A-P3	Perchloroethylene Perchloromethyl	A B-P3	TEDP	A-P3	Zinc stearate	P3
(Fe2O3) (as Fe)		Methylene bis (4-cy-	See fact	mercaptan		Tellurium & compounds	P3	Zirconium compounds (as Zr)	P3
Iron salts, soluble (as Fe)	P3	clohexylisocyanate)	sheet for isocy-	Perchloryl fluoride Phenol	B A	(as Te) Tellurium hexafluoride	А		
Isoamyl acetate	А		anates	Phenothiazine	Р3	(as Te)			
Isoamyl alcohol	A	4,4'-Methylene dianiline	A-P3	n-Phenyl-ß-Naphth-	P3	TEPP Terphenyls	A-P3 A-P3		
Isobutane Isobutane	AX A	Methyl ethyl ketone (MEK)	А	ylamine p-Phenylene diamine	P3	1,1,1,2-Tetrachloro-2,	A-P3		
Isobutylene	AX	Methyl ethyl ketone	B-P3	Phenyl ether (vapour)	A-P3	2-difluoroethane			
Isobutyl acetate Isobutyl alcohol	A A	peroxide Methyl formiate	AX	Phenyl ether-Diphenyl mixture (vapour)	A-P3	1,1,2,2,-Tetrachloro-1, 2-difluoroethane	А		
Isocyanates	See fact	Methyl hydrazine	K2	Phenyl glycidyl ether	А	1,1,2,2,-Tetrachloro,	Α		
	sheet for isocy-	Methyl iodide	Reactor Hg-P3 or	(PGE) Phenylhydrazine	A-P3,	ethane Tetrachloronaphthalene	P3		
	anates		AX		K-P3	Tetraethyl lead (as Pb)	A-P3		
Isohexane	AX	Methyl isoamyl ketone	А	Phenyl mercaptan	В	Tetrahydrofuran	А		



### **Pro2000 Filters**

Used in conjunction with the Scott Safety Respiratory range, Pro2000 Filters offer a high performance solution to a wide range of respiratory hazards. Pro2000 filters can be utilised with both negative pressure and powered air respirators.

### ORDERING INFORMATION

### PRO2000 FILTERS - ACCESSORIES

Accessories for Pro2000 filters					
Part Number	Description				
5052691	Prefilter discs Pro2000 (set of 20)				
5052692	Prefilter and holder Pro2000 (incl. 2 holders + 6 prefilters)				
5052690	Spark arrester Pro2000 (incl. 2 holders + 2 aluminium spark arresters)				
5052693	Seal cover Pro2000 LD polyethylene (2 covers)				
5052694	Shower cover Pro2000, EPDM				

### **RESTRICTIONS ON USE**

Standard filtering respirators do not protect against certain gases, e.g. CO<sub>2</sub> (carbon dioxide)

The storage time (month and year) for a filter is marked on the filter label. The above-mentioned storage times for Pro2000 filters are for a factory sealed filter package. Filters are sealed in plastic or foil bags by the manufacturer. Manufacturer recommends storage at - 10...+50 °C temperature and relative humidity below 75%.

After use, an opened filter must be wrapped closely, if it is likely to be reused, and it must be replaced not later than within 6 months.

If the user identifies the breakthrough of the gas by smell, taste or irritation factor the filter must be replaced.

When a hazardous gas has an olfactory threshold higher than the occupational exposure limit it produces no clear breakthrough sign. In these cases special directions regarding the calculated lifetime are required.

The filter must be changed if the breathing resistance has increased noticeably.

Maximum permitted time for use of the mercury filter Hg-P3 (applies also to filters A2B2E2K2Hg-P3, A1E1Hg-P3, Reactor Hg- P3) is 50 hours (EN 14387).

AX-filter is for single use only, and should be replaced after each shift (EN14387).

Against radioactive substances and microorganisms a particle filter is recommended for single use only.

FOR MORE DETAILED INFORMATION ON FILTER CHOICE, USE, STORING, MAINTENANCE AND DISPOSAL, SEE SCOTT INSTRUCTIONS FOR USE SUPPLIED WITH SCOTT PRODUCTS.





