

PARTICULATE RESPIRATORS (21C)

D. Particulate Respirators

1. Single Use

Approval

Approved for respiratory protection against pneumoconiosis- and fibrosis- producing dusts and mists.

Limitations

Not for use in atmospheres immediately dangerous to life or health.

Not for use in atmospheres containing less than 19.5 percent oxygen.

In making renewals and repairs, parts identical with those furnished by the manufacturer under the pertinent approval shall be maintained.

Follow the manufacturer's instruction for replacing respirators.

Refer to approval label and instruction and maintenance manuals for additional information on use and maintenance of these respirators.

This respirator shall be selected, fitted, used and maintained in accordance with Mine Safety and Health Administration and other applicable regulations.

PARTICULATE RESPIRATORS - SINGLE USE

Approval Number TC-21C-	Approval Issued to	Other Approvals
132	3M	DM
143	Willson	
170A	North	
173	3M	DM
174	Binks	
195	Glendale	
214	Pulmosan	DM
215	Binks	DM
238	Glendale	D
271	Gerson	DM
292	Zee Med. Prod.	DM
293	Safety Supply	DMZ
315	Air-Tek	DM
347	North	DM
364	Balkamp	DM
416	New England Thermoplastics	DM
445	Akron Safety	DM
464	Gerson	DM

518	Zee Medical	DM
525	Akron Safety Equipment	DMZ
532	Gerson	DMZ
560	Lab Safety Supply	DM
561	Gerson	DM
584	UVEX Safety	DM
585	Better Breathing Inc.	DM
587	UVEX Safety	DM
588	Eastern Safety Equipment	DM
597	Gerson	DM
598	Shoplyne	DM
601	Better Breathing Inc.	DM
602	Lab Safety Supply	DM
615	White Knight Health Care, Inc.	DM

2. Dusts

Approval

Approved for respiratory protection against dusts having an exposure limit measured as a time weighted average not less than 0.05 milligram per cubic meter or 2 million particles per cubic foot.

Limitations

Not for use in atmospheres immediately dangerous to life or health.

Not for use in atmospheres containing less than 19.5 percent oxygen.

In making renewals and repairs, parts identical with those furnished by the manufacturer under the pertinent approval shall be maintained.

Refer to approval label and instruction and maintenance manuals for additional information on use and maintenance of these respirators.

Follow manufacturer's instructions for changing filters and replacing respirators.

Particulate respirators may also be approved for asbestos containing dusts and mists as indicated in the last column.

This respirator shall be selected, fitted, used and maintained in accordance with Mine Safety and Health Administration and other applicable regulations.

PARTICULATE RESPIRATORS - DUSTS

Approval Number TC-21C-	Approval Issued to	Respirator and Facepiece Type	Number of Filters	Other Approvals
595	Sam Gong	Rp,Fm,ON	1	

3. Dusts and Mists

Approval

Approved for respiratory protection against dusts and mists having an exposure limit measured as a time weighted average not less than 0.05 milligram per cubic meter or 2 million particles per cubic foot.

Limitations

Not for use in atmospheres immediately dangerous to life or health.

Not for use in atmospheres containing less than 19.5 percent oxygen.

In making renewals and repairs, parts identical with those furnished by the manufacturer under the pertinent approval shall be maintained.

Refer to approval label and instruction and maintenance manuals for additional information on use and maintenance of these respirators.

Follow manufacturer's instructions for changing filters and replacing respirators.

Particulate respirators may also be approved for asbestos containing dusts and mists as indicated in the last column.

This respirator shall be selected, fitted, used and maintained in accordance with Mine Safety and Health Administration and other applicable regulations.

PARTICULATE RESPIRATORS - DUSTS AND MISTS

Approval Number TC-21C-	Approval Issued to	Respirator and Facepiece Type	Number of Filters	Other Approvals
132	3M	Su,ON	1	S
133	MSA	Rp,Fm,ON	2	
138	MSA	Rp,Fm,ON	1	
139	Willson	Rp,Fm,ON	1	
140	Willson	Rp,Fm,ON	2	
144	Cabot Safety	Rp,Fm,ON	2	
147	Cabot Safety	Rp,ON	1	
151	North	Rp,Fm,ON	2	
153	North	Rp,Fm,ON	1	Z
154	Sellstrom	Rp,Fm,ON	2	
154	Protech	Rp,Fm,ON	2	
154	Safe-Tex*	Rp,Fm,ON	2	
154	Eastern	Rp,Fm,ON	2	
156	MSA	Rp,Fm,ON	1	
157	Pulmosan	Rp,Fm,ON	1	
159	MSA	Rp,Fm,ON	1	
162	Cabot Safety	Rp,Fm,ON	1	

163	Cesco	Rp,Fm,ON	2	Z
164	Glendale	Rp,Fm,ON	2	Z
165	Pulmosan	Rp,Fm,ON	1	
166	Cabot Safety	Rp,Fm,ON	1	
167	DeVilbiss	Rp,Fm,ON	1	
170	North	Ru,ON	1	
172	Glendale	Rp,Fm,ON	1	
173	3M	Su,ON	1	S
174	Binks	Su,ON	1	
175	North	Rp,Fm,ON	1	
176	3M	Su,ON	1	
177 REPLACED BY TC-21C-389	Scott	Rp,Fm,ON	2	
179	US Safety	Rp,Fm,ON	2	
179	Stewart Warner	Rp,Fm,ON	2	
179	Lab Safety Supply	Rp,Fm,ON	2	
180	Cesco	Rp,Fm,ON	2	
180	Northcott	Rp,Fm,ON	2	
181	MSA	Rp,Bm,ON	2	

181	MSA	Rp,Bm,ON	2	
182	Willson	Rp,Fm,FF	2	
188	MSA	Rp,Fm,FF	2	
190	3M	Su,ON	1	
191	North	Rp,Fm,FF	2	
197	Racal	PAPR,HH	1	
198	Scott	Rp,Fm,FF	2	
206	MSA	Rp,Fm,ON	1	Z
207	Cabot Safety	Rp,Fm,FF	2	
211	Racal	PAPR,HH	1	
213	MSA	Rp,Fm,ON	1	Z
214	Willson	Ru,Su,ON	1	S
214	Pulmosan	Ru,Su,ON	1	S
215	Binks	Ru,Su,ON	1	S
216	Cesco	Rp,Fm,FF	2	
217	US Safety	Rp,Fm,FF	2	
217	Lab Safety	Rp,Fm,FF		
220	MSA	Ru,ON	1	
221	Pulmosan	Rp,Fm,ON	1	

224	3M	Su,ON	1	
225	3M	PAPR,HH	1	
232	Survivair	Rp,Fm,ON	2	
233	3M	Su,ON	1	
234	3M	Su,ON	1	
235	3M	PAPR,HH	1	Z,AB
238	Glendale	Ru,Su,ON	1	
247	3M	Su,ON	1	Z
253	Willson	Rp,Bm,ON	2	
254	Willson	Rp,Bm,FF	2	
261	Glendale	Rp,Fm,FF	2	Z
264	Cabot Safety	Su,ON	1	
266	Cabot Safety	Rp,Fm,ON	1	
267	DeVilbiss	Rp,Fm,ON	1	Z
271	Gerson	Su,ON	1	S
274	MSA	Rp,Fm,ON	2	
279	3M	Su,ON	1	
282	Pulmosan	Rp,Fm,FF	1	
287	Moldex-Metric	Su,ON	1	

288	Pirelli	Rp,Fm,ON	2	
289	3M	Rp,Fm,ON	2	
290	Cesco	Su,ON	1	
291	US Safety	Su,ON	1	
292	Zee Med. Prod.	Su,ON	1	S
293	Safety Supply	Su,ON	1	Z,S
294	Neoterik	PAPR,HH	1	
295	Neoterik	PAPR,HH	1	
298	Racal	PAPR,HH	1	Z
299	Racal	PAPR,HH	1	Z
300	Pirelli	Rp,Fm,FF	2	
301	Safety Supply	Rp,Fm,ON	2	
302	Safety Supply	Rp,Fm,ON	2	
307	Willson	Rp,Fm,ON	2	
308	Willson	Rp,Bm,ON	2	
315	Air-Tek	Su,ON	1	S
317	Dunrite	Rp,Fm,ON	1	
318	3M	PAPR,HH	1	AB
320	NZ Safety Ltd	Su,ON	1	

322	Stewart-Warner	Su,ON	1	
328	Cabot Safety	Su,ON	1	
334	Cabot Safety	Su,ON	1	
335	Cabot Safety	Su,ON	1	
344	Eastern	Rp,Fm,FF	2	
344	Protech	Rp,Fm,FF	2	
344	Sellstrom	Rp,Fm,FF	2	
347	North	Su,ON	1	S
350	Moldex	Su,ON	1	
351	Cabot Safety	Su,ON	1	
352	Canadian Technical Tape	Su,ON	1	
361	3M	Su,ON	1	
363	3M	Rp,Fm,FF	2	
364	Balkamp	Su,ON	1	S
374	3M	Su,ON	1	
376	Willson	Rp,Fm,ON	2	
383	Willson	Rp,Fm,FF	2	
386	Willson	Rp,Fm,ON	1	
389	Scott	Rp,Fm,ON	2	

401	3M	Su,ON	1	Z
410	3M	Su,ON	1	Z
411	Koken	Rp,Fm,ON	2	Z
415	3M	Su,ON	1	Z
416	New England Thermoplastics	Su,ON	1	S
420	Cabot Safety	Rp,Fm,FF	2	
421	Glendale	Rp,Fm,ON	2	
431	MSA	Rp,Fm,FF	2	
433	MSA	Rp,Fm,FF	2	
443	3M	PAPR,HH	1	Z
444	3M	PAPR,HH	1	Z,AB
445	Akron Safety	Su,ON	1	S
464	Gerson	Su,ON	1	S
465	Masprot	Rp,Fm,ON	2	
466	Masprot	Rp,Fm,ON	2	
476	3M	Rp,Fm,FF	2	
478	Racal	PAPR,HH	1	
479	Racal	PAPR,HH	1	
501	MSA	Rp,Fm,FF	2	

518	Zee Medical	Su,ON	1	S
520	Cabot Safety	Rp,Fm,FF	2	
523	Moldex	Su,ON	1	
524	Moldex	Su,ON	1	
525	Akron Safety Equipment	Su,ON	1	Z,S
532	Gerson	Su,ON	1	Z,S
540	3M	Su,ON	1	
545	Masprot	Rp,Rm,ON	1	
549	Zee Medical	Su,ON	1	
550	Zee Medical	Su,ON	1	
551	Racal	Rp,Fm,ON	1	
552	Draeger	Rp,Fm,ON	1	
553	MSA	Rp,Fm,FF	2	
560	Lab Safety Supply	Su,ON	1	S
561	Gerson	Su,ON	1	S
564	3M	Su,ON	1	
565	Willson	Rp,Fm,ON	2	
572	MSA	Rp,Fm,FF	2	

579	MSA	Rp,Fm,FF	2	
584	UVEX Safety	Su,ON	1	S
585	Better Breathing Inc.	Su,ON	1	S
587	UVEX Safety	Su,ON	1	S
588	Eastern Safety Equipment	Su,ON	1	S
589	Cabot Safety	Rp,Fm,ON	2	
597	Gerson	Su,ON	1	S
598	Shoplyne	Su,ON	1	S
601	Better Breathing Inc.	Su,ON	1	S
602	Lab Safety Supply	Su,ON	1	S
612	3M	Rp,Fm,ON	2	
613	3M	Rp,Fm,ON	2	
614	3M	Rp,Fm,FF	2	
615	White Knight Health Care, Inc.	Su,ON	1	S
616	ESAB	PAPR,HH	1	
618	Racal	Su,ON	1	
619	3M	Rp,Fm,ON	2	

620	3M	Rp,Fm,FF	2
623	3M	Rp,Fm,ON	2
625	Racal	Su,ON	1
630	3M	Rp,Fm,ON	2
634	TecnoI	Su,ON	1
639	Alpha Pro Tech	Su,ON	1
641	Cabot Safety	Rp,Fm,FF	2

4. Dusts, Fumes and Mists

Approval

Approved for respiratory protection against dusts, fumes and mists having an exposure limit measured as a time weighted average not less than 0.05 milligram per cubic meter or 2 million particles per cubic foot.

Limitations

Not for use in atmospheres immediately dangerous to life or health.

Not for use in atmospheres containing less than 19.5 percent oxygen.

In making renewals and repairs, parts identical with those furnished by the manufacturer under the pertinent approval shall be maintained.

Refer to approval label and instruction and maintenance manuals for additional information on use and maintenance of these respirators.

Follow manufacturer's instructions for changing filters and replacing respirators.

Particulate respirators may also be approved for asbestos containing dusts and mists or radon daughters as indicated in the last column.

This respirator shall be selected, fitted, used and maintained in accordance with Mine Safety and Health Administration and other applicable regulations.

PARTICULATE RESPIRATORS - DUSTS, FUMES AND MISTS

Approval Number TC-21C-	Approval Issued to	Respirator and Facepiece Type	Number of Filters	Other Approvals
134	MSA	Rp,Bm,Fm,ON	2	R
141	Willson	Rp,Fm,ON	2	
155	MSA	Rp,Fm,ON	2	
161	Cabot Safety	Rp,Fm,ON	2	R
169	Cabot Safety	Rp,Fm,ON	1	
183	Willson	Rp,Fm,FF	2	
187	MSA	Rp,Fm,FF	2	R
189	Glendale	Rp,Fm,ON	2	
193	US Safety	Rp,Fm,ON	2	RZ
194	Cesco	Rp,Fm,ON	2	RZ
196	Eastern	Rp,Fm,ON	2	RZ
196	Protech	Rp,Fm,ON	2	RZ
196	Sellstrom	Rp,Fm,ON	2	RZ
202	3M	Su,ON	1	R
203	North	Rp,Fm,ON	2	
204	North	Rp,Bm,ON	2	
205	North	Rp,Fm,FF	2	

209	Scott REPLACED BY TC-21C-390	Rp,Fm,ON	2	R
210	Scott	Rp,Fm,FF	2	R
218	Cesco	Rp,Fm,FF	2	RZ
219	US Safety	Rp,Fm,FF	2	RZ
222	Willson	Rp,Fm,ON	2	
223	Willson	Rp,Fm,FF	2	
230	Cabot Safety	Rp,Fm,FF	2	R
236	Survivair	Rp,Fm,ON	2	R
240	US Safety	Rp,Fm,ON	2	R
240	Lab Safety Supply			
241	Cesco	Rp,Fm,ON	2	R
242	US Safety	Rp,Fm,FF	2	R
242	Lab Safety Supply	Rp,Fm,FF	2	R
243	Cesco	Rp,Fm,FF	2	R
248	Sellstrom	Rp,Fm,ON	2	
255	Willson	Rp,Bm,ON	2	
256	Willson	Rp,Bm,FF	2	
259	Willson	Rp,Bm,ON	2	

260	Willson	Rp,Bm,FF	2	
262	Glendale	Rp,Fm,FF	2	
268	Cabot Safety	Rp,Fm,ON	2	R
273	MSA	Rp,Bm,ON	2	R
280	Survivair	Rp,Fm,ON	2	R
297	Cabot Safety	Rp,Fm,ON	2	
303	Safety Supply	Rp,Fm,ON	2	
304	Safety Supply	Rp,Fm,FF	2	
305	Cabot Safety	Rp,Fm,ON	2	
306	Cabot Safety	Rp,Fm,FF	2	
309	Willson	Rp,Bm,ON	2	
310	Willson	Rp,Fm,ON	2	
311	Willson	Rp,Fm,ON	2	
312	Willson	Rp,Fm,ON	2	
323	MSA	Rp,Fm,ON	2	R
331	North	Rp,Fm,ON	2	
332	North	Rp,Fm,ON	2	
333	North	Rp,Fm,FF	2	

340	North	Rp,Fm,ON	2	
341	North	Rp,Fm,ON	2	
342	North	Rp,Fm,FF	2	
345	Protech	Rp,Fm,FF	2	RZ
345	Eastern	Rp,Fm,FF	2	
345	Sellstrom	Rp,Fm,FF	2	RZ
348	3M	Su,ON	1	R
365	Willson	Rp,Fm,ON	2	
366	Willson	Rp,Fm,ON	2	
367	Willson	Rp,Fm,FF	2	
368	Willson	Rp,Bm,ON	2	
369	Willson	Rp,Bm,FF	2	
370	Willson	Rp,Bm,ON	2	
388	North	Su,ON	1	
390	Scott	Rp,Fm,ON	2	R
392	Jackson Products	Su,ON	1	
394	Willson	Rp,Fm,ON	2	R
395	Willson	Rp,Fm,FF	2	R
400	3M	Su,ON	1	RZ

409	3M	Su,ON	1	RZ
412	Koken	Rp,Fm,ON	2	RZ
418	Moldex	Su,ON	1	R
419	Cabot Safety	Rp,FF,Fm	2	
422	Glendale	Rp,Fm,ON	2	
424	Willson	Rp,Fm,ON	1	
435	MSA	Rp,Fm,FF	2	R
507	MSA	Rp,Fm,FF	2	R
519	Gerson	Su,ON	1	R
520	Cabot Safety	Rp,Fm,FF	2	
521	Cabot Safety	Rp,Fm,FF	2	
555	MSA	Rp,Fm,FF	2	R
557	North	Su,ON	2	
566	Willson	Rp,Fm,ON	2	
568	Willson	Rp,Fm,ON	2	
569	MSA	Rp,Fm,FF	2	R
574	MSA DE CHILI	Rp,Fm,ON	2	R
576	MSA	Rp,Fm,FF	2	R

590	Cabot Safety	Rp,Fm,ON	2	R
626	UVEX	Su,ON	1	R
629	Racal	Su,ON	1	
636	Willson	Rp,Fm,ON	2	
640	Cabot Safety	Rp,Fm,FF	2	
642	Cabot Safety	Rp,Fm,ON	2	

5. High Efficiency

Approval

Approved for respiratory protection against dusts, fumes and mists having an exposure limit measured as a time weighted average less than 0.05 milligram per cubic meter and radionuclides.

Limitations

Not for use in atmospheres immediately dangerous to life or health.

Not for use in atmospheres containing less than 19.5 percent oxygen.

In making renewals and repairs, parts identical with those furnished by the manufacturer under the pertinent approval shall be maintained.

Refer to approval label and instruction and maintenance manuals for additional information on use and maintenance of these respirators.

Follow manufacturer's instructions for changing filters and replacing respirators.

Particulate respirators may also be approved for asbestos containing dusts and mists, radon daughters, as indicated in the last column.

This respirator shall be selected, fitted, used and maintained in accordance with Mine Safety and Health Administration and other applicable regulations.

For Combination Type C Supplied Air Respirators with escape high efficiency respirators add the following limitations:

Use only the hose lengths and pressure ranges specified on the approval label.

When airflow is cut off, switch to filter and immediately exit to clean air.

PARTICULATE RESPIRATORS - HIGH EFFICIENCY

Approval Number TC-21C-	Approval Issued to	Model Number(s)	Respirator and Facepiece Type	Number of Filters	Other Approvals
135	MSA		Rp,Bm,Fm,ON	2	A
136A	3M		PAPR,HH	1	R
137	3M		PAPR,HH	1	AB
142	Willson		Rp,Fm,ON	2	A
149	Scott		Rp,Fm,FF	1	A
150	MSA		Rp,Fm,FF	1	A
152	North		Rp,Fm,ON	2	A
155	MSA		Rp,Fm,FF	2	A
158	Pulmosan		Rp,Fm,ON	1	RA
160	Cabot Safety		Rp,Fm,ON	2	
168	North		Rp,Bm,ON	2	A
171	North		Rp,Fm,FF	2	A
178 REPLACED BY TC-21C-391	Scott		Rp,Fm,ON	2	RA
184	Willson		Rp,Fm,FF	2	A
186	MSA		PAPR,ON,FF	2	A
198	Scott		Rp,Fm,FF	2	
199	Scott		Rp,Fm,FF	2	RA

200	MSA	SAR,FF	1	A
201	MSA	SAR,ON	1	A
208	Cabot Safety	Rp,Fm,FF	2	
212	Racal	PAPR,HH	2	RA
226	Cesco	Rp,Fm,ON	2	RA
227	Cesco	Rp,Fm,FF	2	RA
228	US Safety	Rp,Fm,ON	2	RA
228	Lab Safety Supply	Rp,Fm,ON	2	RA
229	US Safety	Rp,Fm,FF	2	RA
229	Lab Safety Supply	Rp,Fm,FF	2	RA
231	Protech	Rp,Fm,ON	2	RA
237	Racal	PAPR,HH	2	RA
239	3M	Su,ON	1	RA
244	Survivair	Rp,Fm,ON	2	RA
245	Survivair	Rp,Fm,FF	2	RA
246	3M	PAPR,HH	1	A
249	Cabot Safety	Rp,Fm,ON	2	RA
250	Cabot Safety	Rp,Fm,FF	2	RA

251	North	Su,ON	1	
252	Neoterik	PAPR,HH	1	RA
257	Willson	Rp,Bm,ON	2	A
258	Willson	Rp,Bm,FF	2	A
263	Neoterik	PAPR,HH	1	RA
265	3M	Rp,Fm,ON	2	RA
269	Neoterik	PAPR,HH	1	RA
270	Neoterik	PAPR,HH	1	RA
272	MSA	Rp,Bm,ON	2	A
275	Racal	PAPR,HH	3	RA
276	Racal	PAPR,FF	3	RA
277	Racal	PAPR,HH	3	RA
278	Racal	PAPR,HH	3	RA
281	Pulmosan	Rp,Fm,FF	1	RA
283	Pirelli	Rp,Fm,FF	1	
284	Pirelli	Rp,Fm,ON	1	
285	Neoterik	PAPR,HH	1	RA
286	Neoterik	PAPR,HH	1	RA
296	Cabot Safety	Rp,Fm,ON	1	RA

313	Willson	Rp,Fm,ON	2	A
314	Willson	Rp,Bm,ON	2	A
316	Draeger	Rp,Fm,FF	1	
319	3M	PAPR,HH	1	RA,AB
321	Racal	PAPR,HH	3	RA
324	Racal	PAPR,ON	3	RA
325	Glendale	Rp,Fm,ON	2	RA
326	Glendale	Rp,Fm,FF	2	RA
327	Neoterik	PAPR,ON	3	RA
329	Racal	PAPR,HH	3	RA
330	Neoterik	PAPR,FF	3	RA
336	MSA	Rp,Fm,ON NOT APPROVED FOR RADIONUCLIDES	2	A
337	MSA	Rp,Fm,FF NOT APPROVED FOR RADIONUCLIDES	2	A
338	MSA	Rp,Bm,ON NOT APPROVED FOR RADIONUCLIDES	2	A
339	MSA	Rp,Bm,ON NOT APPROVED FOR RADIONUCLIDES	2	A
343	MSA	Rp,Bm,FF	1	A
346	Protech	Rp,Fm,FF	2	RA
346	Eastern	Rp,Fm,FF	2	RA

346	Sellstrom	Rp,Fm,FF	2	RA
349	Eastern	Rp,Fm,ON	2	RA
353	Racal	PAPR,FF	1	RA
354	MSA	PAPR,ON NOT APPROVED FOR RADIONUCLIDES	2	A
355	MSA	PAPR,FF NOT APPROVED FOR RADIONUCLIDES	2	A
356	MSA	Rp,Fm,FF NOT APPROVED FOR RADIONUCLIDES	1	A
357	MSA	SAR,ON NOT APPROVED FOR RADIONUCLIDES	1	A
358	MSA	SAR,FF NOT APPROVED FOR RADIONUCLIDES	1	A
359	MSA	SAR,FF NOT APPROVED FOR RADIONUCLIDES	1	A
360	North	SAR,FF	2	A
362	3M	Rp,Fm,FF	2	RA
371	Willson	Rp,Fm,FF	1	A
372	Willson	Rp,Bm,FF	1	A
373	Willson	Rp,Bm,FF	1	A
375	North	Rp,Fm,FF	2	A
377	Willson	Rp,Fm,ON	2	A
378	Willson	Rp,Fm,ON	1	A

379	Willson	Rp,Bm,ON	1	A
380	Willson	Rp,Bm,FF	1	A
381	Willson	Rp,Bm,FF	1	A
382	Racal	Rp,Fm,FF	1	RA
384	Willson	Rp,Fm,FF	2	A
385	ISI	Rp,Fm,FF	1	
387	Willson	Rp,Fm,FF	1	A
391	Scott	Rp,Fm,ON	2	RA
393	Willson	Rp,Fm,FF		A
396	MSA	Rp,Bm,ON	1	A
397	MSA	FF,Bm,Rp	1	A
398	MSA	Rp,Bm,ON NOT APPROVED FOR RADIONUCLIDES	1	A
399	MSA	Rp,Bm,FF NOT APPROVED FOR RADIONUCLIDES	1	A
402	Neoterik	PAPR,HH	1	RA,AB
403	Neoterik	PAPR,ON	1	RA
404	Neoterik	PAPR,FF	1	RA
405	Neoterik	PAPR,FF	3	RA
406	Neoterik	Rp,Fm,FF	2	RA
407	Neoterik	Rp,Fm,FF	2	RA

408	Neoterik	PAPR,FF	3	RA
413	Koken	Rp,Fm,ON	2	RA
414	Survivair	Rp,Fm,FF	2	RA
417	Cabot Safety	Rp,Fm,FF	2	RA
423	Glendale	Rp,Fm,ON	2	RA
425	Neoterik	PAPR,FF	3	RA
426	MSA	Rp,Bm,FF	1	A
427	MSA	Rp,Bm,FF	1	A
428	MSA	Rp,Bm,FF	1	A
429	MSA	Rp,Bm,ON	1	A
430	MSA	Rp,Fm,FF	2	A
432	MSA	Rp,Fm,FF	2	A
434	MSA	Rp,Fm,FF	2	A
436	MSA	Rp,Fm,FF NOT APPROVED FOR RADIONUCLIDES	2	A
437	3M	Su,ON	1	
438	3M	Su, ON	1	Z
439	3M	Rp,Fm,ON	2	RA
440	3M	Rp,Fm,FF	2	RA
441	RSI	Rp,Fm,FF	1	A

442	National Draeger	Rp,Fm,FF	1	
446	Neoterik	PAPR,FF	2	RA
447	Neoterik	PAPR,FF	2	RA
448	Neoterik	PAPR,FF	2	RA
449	Neoterik	PAPR,FF	1	RA
450	Neoterik	PAPR,ON	1	RA
451	Neoterik	PAPR,FF	1	RA
452	Willson	PAPR,FF,Bm	1	A
453	Willson	PAPR,ON,Bm	1	A
454	Neoterik	Rp,Fm,FF	2	RA
455	Survivair, Inc.	Rp,Fm,FF	2	RA
456	3M	Bm,PAPR,FF	1	A
457	Neoterik	Rp,Fm,FF	2	RA
458	Neoterik	Rp,Fm,FF	2	RA
459	Kasco	PAPR,HH	1	A
460	Neoterik	PAPR,FF	1	RA
461	Neoterik	PAPR,FF	1	RA
462	Racal	Rp,Fm,FF	1	RA
463	Racal	Rp,Fm,FF	1	RA

467	Masprot	Rp,Fm,ON	2	A
468	MSA	FF,Rp,PAPR	2	A
469	MSA	FF,Rp,PAPR NOT APPROVED FOR RADIONUCLIDES	2	A
470	MSA	ON,Rp,PAPR	2	A
471	MSA	ON,Rp,PAPR	2	A
472	MSA	PAPR,HH	2	A
473	MSA	PAPR,HH NOT APPROVED FOR RADIONUCLIDES	2	A
474	Bullard	PAPR,FF	2	RA
475	3M	Rp,Fm,FF	2	RA
477	3M	Rp,Fm,FF	2	RA
480	Racal	PAPR,HH	3	RA
481	North	FF,Fm,PAPR	2	RA
482	Neoterik	PAPR,FF	1	RA
483	3M	PAPR,HH	1	A
484	Bullard	PAPR,HH	2	RA
485	Sellstrom	Rp,Fm,FF,Es	1	RA
485	Pro-Tech	Rp,Fm,FF,Es	1	RA
486	Pro-Tech	Rp,Fm,FF,Es	1	RA
487	Pro-Tech	Rp,Fm,FF	1	RA

487	Sellstrom	Rp,Fm,FF	1	RA
488	3M	Rp,Fm,ON	2	RA
489	3M	Rp,Fm,FF	2	RA
490	3M	Rp,Fm,FF	2	RA
491	Survivair, Inc.	Rp,Fm,FF	2	RA
492	ISI	PAPR,FF	1	RA
493	Cabot Safety	PAPR,FF	2	RA
495	MSA	PAPR,FF	1	A
496	MSA	PAPR,FF NOT APPROVED FOR RADIONUCLIDES	1	A
497	National Draeger	Rp,Fm,FF	1	A
498	Pro-Tech	PAPR,FF	1	A
498	Sellstrom	PAPR,FF	1	A
499	Survivair	PAPR,FF	1	RA
500	MSA	Rp,Fm,FF	2	A
502	MSA	Rp,Fm,FF NOT APPROVED FOR RADIONUCLIDES	2	A
503	MSA	Rp,Bm,FF	1	A
504	MSA	Rp,Bm,ON	1	A
505	MSA	Rp,Bm,FF NOT APPROVED FOR RADIONUCLIDES	1	A

506	MSA	Rp,Bm,ON NOT APPROVED FOR RADIONUCLIDES	1	A
507	MSA	Rp,Bm,ON NOT APPROVED FOR RADIONUCLIDES	1	A
508	Willson	Rp,Fm,FF	1	A
509	Critical Products Group	Rp,Fm,ON	2	A
510	Racal	Rp,Fm,FF	1	RA
511	Bullard	PAPR,HH	2	RA
512	MSA	PAPR,FF	2	A
513	MSA	PAPR,ON	2	A
514	MSA	PAPR,ON NOT APPROVED FOR RADIONUCLIDES	2	A
515	MSA	PAPR,FF NOT APPROVED FOR RADIONUCLIDES	2	A
516	MSA	PAPR,HH	2	A
517	MSA	PAPR,HH NOT APPROVED FOR RADIONUCLIDES	2	A
522	Cabot Safety	Rp,Fm,FF	2	RA
526	Glendale	PAPR,ON	2	RA
527	Glendale	PAPR,FF	2	RA
528	Pulsafe	PAPR,FF	1	RA
529	Pro-Tech	Rp,Fm,FF	1	HRA

530	3M	PAPR,FF	1	A
531	Cabot Safety	PAPR,FF	2	RA
533	Cabot Safety	Rp,Fm,ON	2	RA
534	Cabot Safety	Rp,Fm,FF	2	RA
535	Cabot Safety	Rp,Fm,FF	2	RA
536	Cabot Safety	Rp,Fm,FF	2	RA
537	Cabot Safety	Rp,Fm,FF	2	RA
538	Cabot Safety	Rp,Fm,FF	2	RA
539	Cabot Safety	Rp,Fm,FF	2	RA
541	Cabot Safety	Rp,Fm,FF	2	RA
542	Hornell Speedglas	PAPR,HH	3	RA
543	Cabot Safety	Rp,Fm,ON	1	RA
544	Cabot Safety	Rp,Fm,ON	1	RA
546	Survivair	PAPR,FF	3	RA
547	Willson	Su,ON	2	A

548	3M	Rp,Fm,ON	2	RA
554	MSA	Rp,Fm,FF	2	A
556	MSA	Rp,Fm,FF NOT APPROVED FOR RADIONUCLIDES	2	A
558	North	Su,ON	2	
559	Kasco	PAPR,HH	2	A
562	Racal	Rp,Fm,FF	1	RA
563	Survivair	Su,ON	2	RA
567	Willson	Rp,Fm,ON	2	A
570	MSA	Rp,Fm,FF	2	A
571	MSA	Rp,Fm,FF NOT APPROVED FOR RADIONUCLIDES	2	A
573	MSA DE CHILI LTDA	Rp,Fm,ON	2	A
575	Racal	PAPR,HH	3	RA
577	MSA	Rp,Fm,FF	2	A
578	MSA	Rp,Fm,FF NOT APPROVED FOR RADIONUCLIDES	2	A
580	Willson	PAPR,FF	1	A
581	Cabot	Rp,Fm,FF	1	RA
582	3M	Rp,Fm,ON	2	RA
583	3M	Rp,Fm,ON	2	RA

586	Cabot Safety	PAPR,ON	2	RA
591	Cabot Safety	Rp,Fm,ON	2	RA
592	Moldex-Metric	Rp,Fm,ON	2	RA
593	MSA	Rp,Fm,FF	1	A
594	MSA	Rp,Fm,FF NOT APPROVED FOR RADIONUCLIDES	1	A
596	3M	Rp,Fm,FF	2	RA
599	MSA	Rp,Fm,ON NOT APPROVED FOR RADIONUCLIDES	2	A
599	Critical Services	Su,ON NOT APPROVED FOR RADIONUCLIDES	2	A
600	MSA	Rp,Fm,ON	2	A
603	MSA	PAPR,ON	2	A
604	UVEX Safety	Su,ON	1	R
605	Hornell Speedglas	PAPR,HH	3	RA
606	3M	Rp,Fm,ON	2	RA
607	3M	Rp,Fm,FF	2	RA
608	3M	Rp,Fm,ON	2	RA
609	3M	Rp,Fm,ON NOT APPROVED FOR RADIONUCLIDES	2	R
610	3M	Rp,Fm,FF NOT APPROVED FOR RADIONUCLIDES	2	R

611	3M	Rp,Fm,ON NOT APPROVED FOR RADIONUCLIDES	2	R
617	National Draeger	Rp,Fm,ON	1	A
621	3M	Rp,Fm,ON NOT APPROVED FOR RADIONUCLIDES	2	R
622	3M	Rp,Fm,FF NOT APPROVED FOR RADIONUCLIDES	2	R
624	3M	Rp,Fm,ON NOT APPROVED FOR RADIONUCLIDES	2	R
627	Kasco	PAPR,HH	2	A
628	Survivair	PAPR,ON	3	RA
631	MSA	Rp,Fm,FF	2	A
632	National Draeger	PAPR,FF	1	RA
637	MSA	Rp,Fm,FF	2	A
638	MSA	Rp,Fm,FF	2	