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Lloyd Armbrust  2 days ago 5 min read

The United States has the Manufacturing Capacity to Provide High-Filtration Masks

March 1, 2021

President Joseph R Biden, Jr.
The White House
1600 Pennsylvania Ave. NW
Washington, DC 20500

Mr. Jeffrey Zients
Coordinator and Counselor to the President
COVID-19 Pandemic Response

Rochelle P. Walensky, MD, MPH
Director, Centers for Disease Control and Prevention

Anthony S. Fauci, MD
Director, National Institute of Allergy and Infectious Diseases
National Institutes of Health

Re: The United States has the Manufacturing Capacity to Provide High-Filtration Masks to Every American

Dear President Biden and Team:

As 46 independent American Mask Manufacturers, we're writing to call attention to a Feb 15 letter titled "[Re: Immediate Action is Needed to Address SARS-CoV-2 Inhalation Exposure](#)" sent by America's Physicians and Scientists to your administration urging immediate action to improve measures that limit inhalation exposure to SARS-CoV-2. We could not agree more.

We, the undersigned, represent a robust supply chain for masks and Barrier Face Coverings. At the outset of COVID-19, we have worked hand-in-hand with federal officials to supply quality masks when called upon. We produce products that are superior to those [made in](#)



the SARS-CoV-2 virus to control and end the pandemic. As OSHA contemplates implementing an Emergency Temporary Standard on [Protecting Worker Health and Safety](#) by March 15, we strongly recommend using the new ASTM Barrier Face Covering Standard at an 80% filtration level. The U.S. has ample supply of masks and filter material to protect the entire workforce and public.

In addition, [hospitals are rationing](#) PPE, leading to [health care workers quitting](#) because they cannot secure sufficient supplies of quality supplies necessary to achieve the minimum protection needed. [Many workers](#), especially low-income workers, do not have these basic levels of protection here in the United States. Our allies [Germany, Austria and France](#) have all recently taken actions to stop PPE rationing by mandating the quality of respiratory protection. The United States should do the same.

We want to assure you that America's mask manufacturers have ample capacity to meet the entire needs of our nation during emergencies such as this pandemic. As good partners of the administration, our capacity can also serve as the foundation for future emergency response.

More specifically, today we are capable of delivering:

690 million high-filtration masks [sitting in American warehouses](#) ready to ship, containing:

- 456.9 million surgical masks ([proven effective by the CDC](#) when combined with a [mask brace](#) or [cloth mask](#))
- 233.4 million N95 respirators (or equivalents)
- 50,000 reusable elastomeric respirators

Current monthly production capacity of 902.3 million made-in-America masks, consisting of:

- 603.5 million surgical masks
- 298 million N95 respirators (or equivalents)
- 671,000 reusable elastomeric respirators

In partnership with the federal government, we are capable of expanding operations or other actions necessary to meet your Administration's needs now and in the future. With less than \$75 million in Title III funding we can collectively grow our **monthly** production to **over 3 billion** — enough masks to protect all Americans.

President Biden, we know you are considering using the Defense Production Act to ramp up production, specifically from massive U.S. manufacturers, who primarily source their PPE from China. However, we the members of the American Mask Manufacturers Association can say unequivocally and with detailed accounting, that America's independently-run manufacturers are able to produce enough high-filtration masks today to protect every American in need. The only missing component is a formal collaboration with the Federal Government.

In support of our shared interests for the safety and health of all Americans, we ask that you strongly consider the following actions:



2. Take measures to end the practice of rationing critical PPE supplies and provide them with funding needed to protect HCWs.
3. Urge HSS or the Department of Defense to issue Title III funding to mitigate risk for our manufactures to increase production.
4. Provide guidance on strategic distribution of these American-made masks.
5. Explore formal partnerships with American domestic manufacturers as part of continuing efforts to respond to COVID-19 and future emergencies.

Thank you Mr. President and your Administration for your strong leadership and efforts to protect the American public as well as workers from this deadly virus. Through partnership and collaboration we can end this pandemic.

Sincerely,

Lloyd Armbrust, Founder, Armbrust Inc.
Landon Morales, President, Armbrust Inc.

Chris Dement, Co-Founder, Premium-PPE
Brent Dillie, Commercial Director, Premium-PPE

Howard Sherman, CEO, Premier Guard USA
Glenn Ferreri, President, Premier Guard USA

Massimo Scagliarini, CEO, GVS

Dan Izhaky, President, United Safety Technology, Inc

Brian Wolin, CEO, Protective Health Gear

Amir Tafreshi, Founder & CEO, Lutema USA
Eddie Phanichkul, Founder & CMO, Lutema USA

John Chang, Founder & CTO, PZero Innovations Inc.
Charles Park, PZero Innovations Inc.

Paul Hickey, President & Co-Founder, PureVita

Bob Hyslop, Director of Sales, Ecoguard

Sabrina Paseman, CEO, Fix The Mask
Katherine Paseman, COO, Fix The Mask

Todd Raines, President, NFI Masks LLC

Jason Popp, CEO, Moss Inc.



Clayton Geye, CEO , Indiana Face Mask

Andrew Sisnett, President, Dorma

Suzie Wang, President, WYZ Medical Supplies

Barry Hunt, President, Prescient

John A. Schwind, CEO, Global Safety First, LLC

Marc Etchells, CEO, ETC BIOMED

Dan Castle, CEO, CastleGrade

Chris Evans, CEO, Aries USA

Matt Hubbard, President, Texas Mask Incorporated

Jeremy A. Briggs, Esq., President, Luosh USA

Matt Brandman, CEO, American Surgical Mask

Kahoru Watanabe, Co-Founder, American Surgical Mask

Tim Ziegenfus, CEO, ATI Corporation of North America

Richard Gehricke, COO, ATI Corporation of North America

Max Bock-Aronson, CEO, Breathe99 PBC

Alison Lee, Director of Operations, Breathe99 PBC

Joseph Rosenberg, CEO, Canopy

Ryan Gehricke, COO, Carolina Facemask and PPE

Pat Masterson, MaskForce

Rob Moran, President, Enny

Dakota Hendrickson, Founder, Filti

George Tsatsos, VP of Sales, Filti

Michael Bolden, VP Sales, Dentec

Mike Rushton, Sales Director, Design Reality RTL

Kevin McCarthy, Global Sales Manager, Envomask



Timothy Manning, VP Sales & Operations, Guardian Global

Dan Grayson, Vice President Sales & Operations, TMS, Inc.

Amanda Engel, Director of Media, The Fischer Group

Lee Mornan, VP of Sales & Marketing, Altor Safety

Brian Goldmeier, Partner, Made In America PPE

Chet Desai, Partner, Made In America PPE

David Pettey, Co-Owner, Response Medical, LLC

Connor Knapp, Founder, NYPPE LLC

Thomas Allen Jr., COO, NYPPE LLC

John Bielamowicz, Co-founder, United States Mask Co.

David Baillargeon, Co-founder, United States Mask Co.

Jason Greene, Owner, Medicaire Inc.

Avi Polischuk, Owner, Medicaire Inc.

Kan Chou, President of CW Horizon LLC

Adam Harmon, President, ALG Health

Michael Heslop, Co-Founder, Never Again Industries

Andrew Hetzel Jr, CEO, FyterTech Nonwovens LLC

Sara A. Greenstein, President & CEO, Lydall, Inc.

cc:

- Marcella Nunez-Smith, MD, MHS, Chair, COVID-19 Health Equity Task Force
- James S. Frederick, Principal Deputy Assistant Secretary, Occupational Safety and Health Administration
- John Howard, MD, MPH, JD, LLM, MBA, Director, National Institute for Occupational Safety and Health
- Anne Schuchat, MD Principal Deputy Director, Centers for Disease Control and Prevention
- Timothy Manning, Supply Coordinator, White House COVID-19 Response



Current Stockpile in American Warehouses - March 2021

	Surgical	N95 (or equivalent)	Elastomeric	Warehouse Location
Armbrust American	31,000,000	-	-	Austin, TX
Premier Guard USA	9,000,000	-	-	Houston, TX
TMS, Inc.	9,000,000	-	-	Lincolnton, NC
Moss, Inc.	3,500,000	-	-	Franklin Park, IL
American Surgical Mask	2,500,000	-	-	Tampa, FL
CW Horizon	2,500,000	-	-	East Bethel, MN
PZero Innovations Inc.	2,500,000	-	-	Los Angeles, CA
WYZ Medical Supplies, LLC	2,500,000	-	-	College Station, TX
Lutema USA	2,000,000	430,000	-	San Diego, CA
Indiana Face Mask	2,000,000	150,000	-	Rensselaer, IN
PureVita	2,000,000	100,000	-	Lindon, UT
ALG Health	-	2,000,000	-	Bryan, OH
NFI Masks LLC	1,500,000	50,000	-	Fort Myers, FL
Lane Care LLC	1,300,000	-	-	Tarpon Springs FL
Guardsman Global	1,000,000	-	-	Schaumburg, IL
Response Medical, LLC	1,000,000	-	-	Warwick, RI
Medicair Inc.	680,000	300,000	-	NYC, NY
GVS	-	500,000	50,000	Sanford, ME
Carolina Facemask and PPE	500,000	-	-	Greer, SC
Texas Mask Incorporated	200,000	-	-	Dallas, TX
Unattributed ¹	382,243,136	229,955,000	-	
Total	456,923,136	233,485,000	50,000	

¹American Manufactures that did not wish to publish numbers citing competitive reasons but available on government's request

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	Surgical	N95 (or equivalent¹)	Elastomeric	Total Production
American Surgical Mask	5,000,000	-	-	5,000,000
Armbrust American	31,483,904	460,206	-	31,944,110
Breathe 99	-	-	25,000	25,000
Carolina Facemask and PPE	3,000,000	-	-	3,000,000
CastleGrade	-	-	100,000	100,000
CW Horizon	5,000,000	2,000,000	-	7,000,000
Ecoguard	30,000,000	-	-	30,000,000
Enny	-	-	1,000	1,000
ETC BIOMED	3,400,000	3,400,000	-	6,800,000
Fix The Mask	-	-	80,000	80,000
Guardsgman Global	4,000,000	-	-	4,000,000
GVS	-	1,000,000	100,000	1,100,000
Indiana Face Mask	5,000,000	750,000	-	5,750,000
Luosh USA, LLC	3,125,000	450,000	-	3,575,000
Lutema USA	15,000,000	1,800,000	-	16,800,000
MaskForce	-	-	70,000	70,000
Medicair Inc.	1,150,000	500,000	-	1,650,000
NFI Masks LLC	5,000,000	1,200,000	-	6,200,000
Premier Guard USA	35,000,000	-	-	35,000,000
Premium-PPE	35,000,000	-	-	35,000,000
Protective Health Gear	-	4,000,000	-	4,000,000
PureVita	4,000,000	8,000,000	-	12,000,000
PZero Innovations Inc.	15,000,000	-	-	15,000,000
Response Medical, LLC	4,000,000	500,000	-	4,500,000
Texas Mask Incorporated	2,000,000	-	-	2,000,000
TMS, Inc.	10,000,000	-	-	10,000,000
United Safety Technology, Inc.	-	30,000,000	20,000	30,020,000
United States Mask Co.	-	1,800,000	-	1,800,000
WYZ Medical Supplies, LLC	5,000,000	-	-	5,000,000
Unattributed²	382,350,000	242,300,000	275,000	624,925,000
Total	603,508,904	298,160,206	671,000	902,340,110

¹Must have passed third-party testing performed in compliance with 42 CFR Part 84 and NIOSH Procedure No. RCT-APR-STP-0051-0056. Approximately 13% of current production capacity has been submitted to NIOSH passing these labs and is pending N95 certification.

²American Manufactures that did not wish to publish numbers citing competitive reasons but available on government's request

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	Surgical	N95 (or equivalent)	Elastomeric	Total Production
American Surgical Mask	5,000,000	-	-	5,000,000
Armbrust American	120,530,025	7,681,644	-	128,211,669
Breathe 99	-	-	500,000	500,000
Carolina Facemask and PPE	9,000,000	-	-	9,000,000
CastleGrade	-	-	100,000	100,000
CW Horizon	10,000,000	2,000,000	-	12,000,000
Ecoguard	30,000,000	-	-	30,000,000
Enny	-	-	25,000	25,000
ETC BIOMED	12,500,000	12,500,000	-	25,000,000
Fix The Mask	-	-	10,000,000	10,000,000
Guardsgman Global	10,000,000	-	-	10,000,000
GVS	-	4,000,000	250,000	4,250,000
Indiana Face Mask	7,000,000	2,500,000	-	9,500,000
Lane Care LLC	2,000,000	-	-	2,000,000
Luosh USA, LLC	25,000,000	2,000,000	-	27,000,000
Lutema USA	30,000,000	3,600,000	-	33,600,000
MaskForce	-	-	350,000	350,000
Medicair Inc.	1,150,000	500,000	-	1,650,000
NFI Masks LLC	100,000,000	20,000,000	-	120,000,000
Premier Guard USA	105,000,000	-	-	105,000,000
Premium-PPE	50,000,000	-	-	50,000,000
Protective Health Gear	-	115,000,000	-	115,000,000
PureVita	120,000,000	8,000,000	-	128,000,000
PZero Innovations Inc.	50,000,000	-	-	50,000,000
Response Medical, LLC	50,000,000	10,000,000	-	60,000,000
Texas Mask Incorporated	2,000,000	-	-	2,000,000
TMS, Inc.	10,000,000	-	-	10,000,000
United Safety Technology, Inc.	-	30,000,000	50,000	30,050,000
United States Mask Co.	-	5,500,000	-	5,500,000
WYZ Medical Supplies, LLC	15,000,000	-	-	15,000,000
Unattributed²	1,598,850,000	459,800,000	43,500,000	2,083,950,000
Total	2,363,030,025	683,081,644	54,775,000	3,082,686,669

²American Manufactures that did not wish to publish numbers citing competitive reasons but available on government's request

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