Guide for Identifying FDA EUA Authorized N95 Respirators for Battelle CCDS™ Processing – updated September 23, 2020

Battelle, using the Battelle CCDS Critical Care Decontamination System™, has been authorized under the June 6, 2020 FDA EUA¹ to decontaminate N95 or N95 equivalent filtering facepiece respirators (FFR or respirators) that do not contain cellulose and do not have exhalation valves. Respirators that contain cellulose-based materials or have an exhalation valve are excluded from the Battelle CCDS™ EUA and cannot be processed using Battelle CCDS™.

The FDA EUA does not authorize decontamination of KN95 or other non-NIOSH-approved FFRs manufactured in China. In addition, Battelle does not process FFR previously decontaminated using alternate systems or processes (e.g., UV irradiation).

Battelle is providing the following information to assist hospitals with identifying compatible N95 respirators. It is the responsibility of the organization to ensure only compatible FFR are transported to Battelle for decontamination. Compatible FFR include NIOSH-approved N95 and non-NIOSH-approved respirators listed in Exhibit 1² that:

- do not have exhalation valves,
- do not contain cellulose-based materials, and
- do not contain activated carbon.

NIOSH Respirators: A list of NIOSH-approved N95 Particulate FFRs can be found at this CDC website.³ Only approved models that do not contain cellulose or activated carbon and do not have exhalation valves should be submitted to the Battelle CCDS™ program for decontamination.

Non-NIOSH Respirators: Respirators must be certified by NIOSH or be listed in the FDA EUA ⁴ approving the use of certain imported non-NIOSH disposable FFRs. Exhibit 1 of the EUA provides a detailed list of approved makes and models.

Expired N95 Respirators: The FDA has also approved the use of certain makes and model of N95s and FFRs that were NIOSH-approved but have since passed the manufacturers’ recommended shelf-life, are not damaged, and have been held in accordance with manufacturers’ storage conditions in strategic stockpiles. The criteria under which these FFRs can be used can be found in the EUA.⁴ Review this information to ensure what types of FFRs are authorized. Expired, EUA authorized, N95s that do not contain cellulose or activated carbon and do not have exhalation valves are able to be decontaminated with Battelle CCDS™.

Below are tables that contain common N95 respirator manufacturers and product models. Included is information if the model is known to contain cellulose or activated carbon and if it is able to be processed using the Battelle CCDS™. This list is not exhaustive. If you have questions about a different respirator model, please contact the manufacturer or supplier directly.

- 3M – (800) 243-4630
- Cardinal Health – (800) 964-5227
- Dräger – (800) 437-2437
- Gerson – (508) 947-4000
- Halyard – (844) 425-9273
- Honeywell – (877) 841-2840
- Kimberly-Clark – (888) 346-4652
- Medline – (855) 294-9618
- Moldex – (800) 421-0668 Ext 512
- Prestige Ameritech – (817) 427-2700
Select 3M N95 and FFR processability using Battelle CCDS™

<table>
<thead>
<tr>
<th>Manufacturer/Supplier</th>
<th>Model</th>
<th>Known to contain cellulose</th>
<th>Battelle CCDS™ processable</th>
</tr>
</thead>
<tbody>
<tr>
<td>3M</td>
<td>N95, Health Care Particulate Respirator and Surgical Mask 1860 and 1860S</td>
<td>NO</td>
<td>YES</td>
</tr>
<tr>
<td>3M</td>
<td>N95, Aura Health Care Particulate Respirator and Surgical Mask 1870 and 1870+</td>
<td>NO</td>
<td>YES</td>
</tr>
<tr>
<td>3M</td>
<td>N95, Particulate Respirator 8110S</td>
<td>NO</td>
<td>YES</td>
</tr>
<tr>
<td>3M</td>
<td>P2, Particulate Respirator 8205</td>
<td>NO</td>
<td>YES</td>
</tr>
<tr>
<td>3M</td>
<td>N95, Particulate Respirator 8210</td>
<td>NO</td>
<td>YES</td>
</tr>
<tr>
<td>3M</td>
<td>N95, Particulate Respirator 8210Plus</td>
<td>NO</td>
<td>YES</td>
</tr>
<tr>
<td>3M</td>
<td>N95, Particulate Respirator 8510</td>
<td>NO</td>
<td>YES</td>
</tr>
<tr>
<td>3M</td>
<td>N95, Aura Particulate Respirator 9205+</td>
<td>NO</td>
<td>YES</td>
</tr>
<tr>
<td>3M</td>
<td>N95, Aura Particulate Respirator 9210, 9210+</td>
<td>NO</td>
<td>YES</td>
</tr>
<tr>
<td>3M</td>
<td>FFP2, P2, Aura Particulate Respirator 9320+</td>
<td>NO</td>
<td>YES</td>
</tr>
<tr>
<td>3M</td>
<td>N95, Particulate Respirator 9502+</td>
<td>NO</td>
<td>YES</td>
</tr>
<tr>
<td>3M</td>
<td>N95, Vertical Flat Fold Respirator 9820</td>
<td>NO</td>
<td>YES</td>
</tr>
<tr>
<td>3M</td>
<td>N95, VFlex Healthcare Particulate Respirator and Surgical Mask 1804 and 1804S</td>
<td>YES</td>
<td>NO</td>
</tr>
<tr>
<td>3M</td>
<td>N95, VFlex Health Care Particulate Respirator and Surgical Mask 1805 and 1805S</td>
<td>YES</td>
<td>NO</td>
</tr>
<tr>
<td>3M</td>
<td>N95, Particulate Respirator 8000</td>
<td>YES</td>
<td>NO</td>
</tr>
<tr>
<td>3M</td>
<td>N95, Particulate Respirator 8200</td>
<td>YES</td>
<td>NO</td>
</tr>
<tr>
<td>3M</td>
<td>N95, Particulate Respirator 8210V</td>
<td>NO</td>
<td>NO[a]</td>
</tr>
<tr>
<td>3M</td>
<td>N95, Particulate Respirator 8211</td>
<td>NO</td>
<td>NO[a]</td>
</tr>
<tr>
<td>3M</td>
<td>N95, Particulate Welding Respirator 8212</td>
<td>YES</td>
<td>NO[a]</td>
</tr>
<tr>
<td>3M</td>
<td>N95, Particulate Respirator with Faceseal 8214</td>
<td>YES</td>
<td>NO[a] (contains carbon)</td>
</tr>
<tr>
<td>3M</td>
<td>N95, Particulate Respirator 8511</td>
<td>NO</td>
<td>NO[a]</td>
</tr>
<tr>
<td>3M</td>
<td>N95, Particulate Respirator 8511P</td>
<td>YES</td>
<td>NO[a]</td>
</tr>
<tr>
<td>3M</td>
<td>N95, Particulate Welding Respirator 8512</td>
<td>YES</td>
<td>NO[a]</td>
</tr>
<tr>
<td>3M</td>
<td>N95, Particulate Respirator 8514</td>
<td>YES</td>
<td>NO[a] (contains carbon)</td>
</tr>
<tr>
<td>3M</td>
<td>N95, Particulate Welding Respirator 8515</td>
<td>NO</td>
<td>NO[a]</td>
</tr>
<tr>
<td>3M</td>
<td>N95, Particulate Respirator 8516</td>
<td>NO</td>
<td>NO[a] (contains carbon)</td>
</tr>
<tr>
<td>3M</td>
<td>FFP2, Particulate Respirator 8822</td>
<td>YES</td>
<td>NO[a]</td>
</tr>
<tr>
<td>3M</td>
<td>N95, 9010, 9010CN, and 9010MX</td>
<td>YES</td>
<td>NO[a]</td>
</tr>
<tr>
<td>3M</td>
<td>N95, Particulate Respirator 9010V</td>
<td>YES</td>
<td>NO[a]</td>
</tr>
<tr>
<td>3M</td>
<td>N95, VFlex Particulate Respirator 9105, 9105S</td>
<td>YES</td>
<td>NO[a]</td>
</tr>
<tr>
<td>3M</td>
<td>N95, Particulate Respirator Surgical Mask 9132</td>
<td>YES</td>
<td>NO[a]</td>
</tr>
<tr>
<td>3M</td>
<td>N95, Aura Particulate Respirator 9211, 9211+</td>
<td>NO</td>
<td>NO[a]</td>
</tr>
<tr>
<td>3M</td>
<td>FFP2, Aura Particulate Respirator 9322+</td>
<td>NO</td>
<td>NO[a]</td>
</tr>
</tbody>
</table>

[a] This model is equipped with an exhalation valve; respirators that have an exhalation valve are not authorized for decontamination using Battelle CCDS™, according to the FDA EUA released June 6, 2020 [https://www.fda.gov/media/136529/download](https://www.fda.gov/media/136529/download).
This model is equipped with an exhalation valve; respirators that have an exhalation valve are not authorized for decontamination using Battelle CCDS™, according to the FDA EUA released June 6, 2020 [https://www.fda.gov/media/136529/download](https://www.fda.gov/media/136529/download).

### Select Advoque N95 processability using Battelle CCDS™

<table>
<thead>
<tr>
<th>Manufacturer/Supplier</th>
<th>Model</th>
<th>Known to contain cellulose</th>
<th>Battelle CCDS™ Processable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advoque</td>
<td>N95, ADV001</td>
<td>NO</td>
<td>YES</td>
</tr>
</tbody>
</table>

### Select BYD Precision Manufacture Company N95 processability using Battelle CCDS™

† The production of NIOSH-approved BYD DE2322 N95 respirators began on June 9th, 2020. Earlier production dates of the same model are not NIOSH approved and are not compatible for processing under the current FDA EUA.

<table>
<thead>
<tr>
<th>Manufacturer/Supplier</th>
<th>Model</th>
<th>Known to contain cellulose</th>
<th>Battelle CCDS™ Processable</th>
</tr>
</thead>
<tbody>
<tr>
<td>BYD</td>
<td>N95, DE2322</td>
<td>NO</td>
<td>YES, with conditions†</td>
</tr>
</tbody>
</table>

### Select Cardinal Health N95 processability using Battelle CCDS™

<table>
<thead>
<tr>
<th>Manufacturer/Supplier</th>
<th>Model</th>
<th>Known to contain cellulose</th>
<th>Battelle CCDS™ Processable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cardinal Health</td>
<td>N95, USA-N95-S and USA-N95-R Alternate labels: Prestige Ameritech USA-N95-S and USA-N95-R</td>
<td>NO</td>
<td>YES</td>
</tr>
<tr>
<td>Cardinal Health</td>
<td>N95, N95A-S, N95-ML, and N95A-ML Alternate labels: Makrite 9500-N95 and 9500-N95S</td>
<td>NO</td>
<td>YES</td>
</tr>
</tbody>
</table>

### Select Draeger N95 processability using Battelle CCDS™

<table>
<thead>
<tr>
<th>Manufacturer/Supplier</th>
<th>Model</th>
<th>Known to contain cellulose</th>
<th>Battelle CCDS™ Processable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dräger</td>
<td>N95, X-plore 1350</td>
<td>NO</td>
<td>YES</td>
</tr>
<tr>
<td>Dräger</td>
<td>N95, X-plore 1750</td>
<td>NO</td>
<td>YES</td>
</tr>
<tr>
<td>Dräger</td>
<td>N95, X-plore 1350 V and 1750 V</td>
<td>NO</td>
<td>NO[a]</td>
</tr>
<tr>
<td>Dräger</td>
<td>N95, X-plore 1350 V Odor and 1750 V Odor</td>
<td>NO</td>
<td>NO (contains carbon)</td>
</tr>
</tbody>
</table>

[a] This model is equipped with an exhalation valve; respirators that have an exhalation valve are not authorized for decontamination using Battelle CCDS™, according to the FDA EUA released June 6, 2020 [https://www.fda.gov/media/136529/download](https://www.fda.gov/media/136529/download).
This model is equipped with an exhalation valve; respirators that have an exhalation valve are not authorized for decontamination using Battelle CCDS™, according to the FDA EUA released June 6, 2020 [https://www.fda.gov/media/136529/download].

---

### Select Gerson N95 processability using Battelle CCDS™

<table>
<thead>
<tr>
<th>Manufacturer/Supplier</th>
<th>Model</th>
<th>Known to contain cellulose</th>
<th>Battelle CCDS™ Processable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gerson N95, 1730</td>
<td>NO</td>
<td>YES</td>
<td></td>
</tr>
<tr>
<td>Gerson N95, Isolair 2735</td>
<td>NO</td>
<td>YES</td>
<td></td>
</tr>
<tr>
<td>Gerson N95, 1735</td>
<td>NO</td>
<td>NO (contains carbon)</td>
<td></td>
</tr>
<tr>
<td>Gerson N95, 1745</td>
<td>NO</td>
<td>NO (contains carbon)</td>
<td></td>
</tr>
<tr>
<td>Gerson N95, 2130</td>
<td>YES</td>
<td>NO</td>
<td></td>
</tr>
<tr>
<td>Gerson N95, 2140</td>
<td>YES</td>
<td>NO</td>
<td></td>
</tr>
</tbody>
</table>

### Select Guangzhou Harley Commodity N95 processability using Battelle CCDS™

<table>
<thead>
<tr>
<th>Manufacturer/Supplier</th>
<th>Model</th>
<th>Known to contain cellulose</th>
<th>Battelle CCDS™ Processable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Guangzhou Harley Commodity N95, L-188</td>
<td>NO</td>
<td>YES</td>
<td></td>
</tr>
</tbody>
</table>

### Select Halyard N95 processability using Battelle CCDS™

<table>
<thead>
<tr>
<th>Manufacturer/Supplier</th>
<th>Model</th>
<th>Known to contain cellulose</th>
<th>Battelle CCDS™ Processable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Halyard N95, 46727</td>
<td>NO</td>
<td>YES</td>
<td></td>
</tr>
<tr>
<td>Halyard N95, 46767</td>
<td>NO</td>
<td>YES</td>
<td></td>
</tr>
<tr>
<td>Halyard N95, 46827</td>
<td>NO</td>
<td>YES</td>
<td></td>
</tr>
<tr>
<td>Halyard N95, 46867</td>
<td>NO</td>
<td>YES</td>
<td></td>
</tr>
<tr>
<td>Halyard N95, 62126</td>
<td>NO</td>
<td>YES</td>
<td></td>
</tr>
<tr>
<td>Halyard N95, 62355</td>
<td>NO</td>
<td>YES</td>
<td></td>
</tr>
</tbody>
</table>

[a] This model is equipped with an exhalation valve; respirators that have an exhalation valve are not authorized for decontamination using Battelle CCDS™, according to the FDA EUA released June 6, 2020 [https://www.fda.gov/media/136529/download].
Select Honeywell N95 processability using Battelle CCDS™

<table>
<thead>
<tr>
<th>Manufacturer/Supplier</th>
<th>Model</th>
<th>Known to contain cellulose</th>
<th>Battelle CCDS™ Processable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Honeywell</td>
<td>N95, North DC300N95</td>
<td>NO</td>
<td>YES</td>
</tr>
<tr>
<td>Honeywell</td>
<td>N95, North SAF-T-FIT Plus N1105</td>
<td>NO</td>
<td>YES</td>
</tr>
<tr>
<td>Honeywell</td>
<td>N95, North SAF-T-FIT Plus N1115</td>
<td>NO</td>
<td>YES</td>
</tr>
<tr>
<td>Honeywell</td>
<td>N95, Sperian ONE-Fit HC-NB295F</td>
<td>NO</td>
<td>YES</td>
</tr>
<tr>
<td>Honeywell</td>
<td>N95, Sperian ONE-Fit NBW95 Alternate label: Willson NBW95</td>
<td>NO</td>
<td>YES</td>
</tr>
<tr>
<td>Honeywell</td>
<td>N95, Sperian W801 Alternate label: Shanghai Gangkai GIKO 1200</td>
<td>NO</td>
<td>YES</td>
</tr>
<tr>
<td>Honeywell</td>
<td>N95, Sperian ONE-Fit W1400 Alternate label: Shanghai Gangkai GIKO 1400</td>
<td>NO</td>
<td>YES</td>
</tr>
<tr>
<td>Honeywell</td>
<td>N95, North SAF-T-FIT Plus N1125</td>
<td>NO</td>
<td>NO[a]</td>
</tr>
<tr>
<td>Honeywell</td>
<td>N95, Sperian ONE-Fit NBW95V</td>
<td>NO</td>
<td>NO[a]</td>
</tr>
</tbody>
</table>

Select Jinfuyu Industrial N95 processability using Battelle CCDS™

<table>
<thead>
<tr>
<th>Manufacturer/Supplier</th>
<th>Model</th>
<th>Known to contain cellulose</th>
<th>Battelle CCDS™ Processable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jinfuyu Industrial</td>
<td>N95, 4150 Alternate labels: SAS Safety 8610 and Gateway Safety 80301</td>
<td>NO</td>
<td>YES</td>
</tr>
<tr>
<td>Jinfuyu Industrial</td>
<td>N95, 4151 Alternate labels: SAS Safety 8611 and Gateway Safety 80302V</td>
<td>NO</td>
<td>NO[a]</td>
</tr>
</tbody>
</table>

Select Kimberly-Clark N95 processability using Battelle CCDS™

<table>
<thead>
<tr>
<th>Manufacturer/Supplier</th>
<th>Model</th>
<th>Known to contain cellulose</th>
<th>Battelle CCDS™ Processable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kimberly-Clark</td>
<td>N95, 46727</td>
<td>NO</td>
<td>YES</td>
</tr>
<tr>
<td>Kimberly-Clark</td>
<td>N95, 46767</td>
<td>NO</td>
<td>YES</td>
</tr>
<tr>
<td>Kimberly-Clark</td>
<td>N95, 46827</td>
<td>NO</td>
<td>YES</td>
</tr>
<tr>
<td>Kimberly-Clark</td>
<td>N95, 46867</td>
<td>NO</td>
<td>YES</td>
</tr>
<tr>
<td>Kimberly-Clark</td>
<td>N95, 62126</td>
<td>NO</td>
<td>YES</td>
</tr>
<tr>
<td>Kimberly-Clark</td>
<td>N95, 62355</td>
<td>NO</td>
<td>YES</td>
</tr>
<tr>
<td>Kimberly-Clark</td>
<td>N95, 64230 and 64240 Alternate labels: SureWerx KIM 64230 and KIM 64240, Jackson Industrial 64230 and 64240</td>
<td>NO[a]</td>
<td>YES</td>
</tr>
</tbody>
</table>

[a] This model is equipped with an exhalation valve; respirators that have an exhalation valve are not authorized for decontamination using Battelle CCDS™, according to the FDA EUA released June 6, 2020 [https://www.fda.gov/media/136529/download](https://www.fda.gov/media/136529/download).
This model is equipped with an exhalation valve; respirators that have an exhalation valve are not authorized for decontamination using Battelle CCDS™, according to the FDA EUA released June 6, 2020 https://www.fda.gov/media/136529/download.

Select Makrite N95 processability using Battelle CCDS™

<table>
<thead>
<tr>
<th>Manufacturer/Supplier</th>
<th>Model</th>
<th>Known to contain cellulose</th>
<th>Battelle CCDS™ Processable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Makrite</td>
<td>N95, 9500-N95, 9500-N95S, MK910-N95, and MK910-N95S Alternate label: ARI Holding 1669-5227</td>
<td>NO</td>
<td>YES</td>
</tr>
<tr>
<td>Makrite</td>
<td>N95, 910-N95FMX Alternate labels: Ammex N95F and PIP 270-3000</td>
<td>NO&lt;sup&gt;24,25&lt;/sup&gt;</td>
<td>YES</td>
</tr>
<tr>
<td>Makrite</td>
<td>N95, Sekura-N95 and Sekura-321</td>
<td>NO&lt;sup&gt;26&lt;/sup&gt;</td>
<td>YES</td>
</tr>
<tr>
<td>Makrite</td>
<td>N95, MKN95-910V, 9500V-N95, and N95V-910FM</td>
<td>NO</td>
<td>NO&lt;sup&gt;[a]&lt;/sup&gt;</td>
</tr>
<tr>
<td>Makrite</td>
<td>N95, 9500-N95OV and MK910-N95OV</td>
<td>NO (contains carbon)</td>
<td>YES</td>
</tr>
<tr>
<td>Makrite</td>
<td>N95, 9500-N95VOV and MK910-N95VOV</td>
<td>NO (contains carbon)</td>
<td>YES</td>
</tr>
</tbody>
</table>

Select Medicom N95 processability using Battelle CCDS™

<table>
<thead>
<tr>
<th>Manufacturer/Supplier</th>
<th>Model</th>
<th>Known to contain cellulose</th>
<th>Battelle CCDS™ Processable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medicom</td>
<td>N95, Safe+Mask Cone M2321</td>
<td>NO</td>
<td>YES</td>
</tr>
<tr>
<td>Medicom</td>
<td>N95, Safe+Mask Duckbill M2322 Alternate label: AMD Ritmed A2320</td>
<td>NO</td>
<td>YES</td>
</tr>
</tbody>
</table>

Select Medline N95 processability using Battelle CCDS™

<table>
<thead>
<tr>
<th>Manufacturer/Supplier</th>
<th>Model</th>
<th>Known to contain cellulose</th>
<th>Battelle CCDS™ Processable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medline</td>
<td>N95, NON24506A</td>
<td>NO</td>
<td>YES</td>
</tr>
<tr>
<td>Medline</td>
<td>N95, NON24507 and NON24507A</td>
<td>NO</td>
<td>YES</td>
</tr>
<tr>
<td>Medline</td>
<td>N95, RP88020 and RP88010 Alternate labels: Prestige Ameritech, RP88020 and RP88010</td>
<td>NO</td>
<td>YES</td>
</tr>
<tr>
<td>Medline</td>
<td>N95, NON24509</td>
<td>NO</td>
<td>NO&lt;sup&gt;[a]&lt;/sup&gt;</td>
</tr>
<tr>
<td>Medline</td>
<td>N95, NON27501 Alternate labels: Alpha ProTech 695, Crosstex Isolator Plus GPRRN95, and ProTech NON27501</td>
<td>YES</td>
<td>NO</td>
</tr>
</tbody>
</table>

<sup>[a]</sup> This model is equipped with an exhalation valve; respirators that have an exhalation valve are not authorized for decontamination using Battelle CCDS™, according to the FDA EUA released June 6, 2020 https://www.fda.gov/media/136529/download.
Select Moldex N95 processability using Battelle CCDS™

<table>
<thead>
<tr>
<th>Manufacturer/Supplier</th>
<th>Model</th>
<th>Known to contain cellulose</th>
<th>Battelle CCDS™ Processable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Moldex</td>
<td>N95, 1200N95, 1201N95, and 1207N95</td>
<td>NO</td>
<td>YES</td>
</tr>
<tr>
<td>Moldex</td>
<td>N95, 1510, 1511, 1512, 1513, and 1517</td>
<td>NO</td>
<td>YES</td>
</tr>
<tr>
<td>Moldex</td>
<td>N95 FastFit Flat Fold, 1712</td>
<td>NO</td>
<td>YES</td>
</tr>
<tr>
<td>Moldex</td>
<td>N95 FastFit Flat Fold, 2112</td>
<td>NO</td>
<td>YES</td>
</tr>
<tr>
<td>Moldex</td>
<td>N95, 2200N95, 2201N95, 2207N95, and 2212N95</td>
<td>NO</td>
<td>YES</td>
</tr>
<tr>
<td>Moldex</td>
<td>N95, 2600N95, 2601N95, and 2607N95</td>
<td>NO</td>
<td>YES</td>
</tr>
<tr>
<td>Moldex</td>
<td>N95, 4200 and 4201</td>
<td>NO</td>
<td>YES</td>
</tr>
<tr>
<td>Moldex</td>
<td>N95, 4600 and 4601</td>
<td>NO</td>
<td>YES</td>
</tr>
<tr>
<td>Moldex</td>
<td>N95, 2300N95, 2301N95, 2307N95, 2700N95, 2701N95, and 2707N95</td>
<td>NO</td>
<td>NO[a]</td>
</tr>
<tr>
<td>Moldex</td>
<td>N95, 2400N95, 2500N95, 2800N95, 2801N95, and 4800</td>
<td>NO</td>
<td>NO[a] (contains carbon)</td>
</tr>
</tbody>
</table>

Select Prestige Ameritech N95 processability using Battelle CCDS™

<table>
<thead>
<tr>
<th>Manufacturer/Supplier</th>
<th>Model</th>
<th>Known to contain cellulose</th>
<th>Battelle CCDS™ Processable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prestige Ameritech</td>
<td>N95, RP88020 and RP88010</td>
<td>NO</td>
<td>YES</td>
</tr>
<tr>
<td></td>
<td>Alternate labels: ProGear RP88020 and Medline RP88020 and RP88010</td>
<td>NO</td>
<td>YES</td>
</tr>
<tr>
<td>Prestige Ameritech</td>
<td>N95, USA-N95-S and USA-N95-R</td>
<td>NO</td>
<td>YES</td>
</tr>
</tbody>
</table>

[a] This model is equipped with an exhalation valve; respirators that have an exhalation valve are not authorized for decontamination using Battelle CCDS™, according to the FDA EUA released June 6, 2020 [https://www.fda.gov/media/136529/download](https://www.fda.gov/media/136529/download).
Select San Huei N95 processability using Battelle CCDS™

<table>
<thead>
<tr>
<th>Manufacturer/Supplier</th>
<th>Model</th>
<th>Known to contain cellulose</th>
<th>Battelle CCDS™ Processable</th>
</tr>
</thead>
<tbody>
<tr>
<td>San Huei</td>
<td>N95, SH1500 Alternate labels: International Sourcing NX195 and Maytex 3370</td>
<td>NO[^33,34]</td>
<td>YES</td>
</tr>
<tr>
<td>San Huei</td>
<td>N95, SH2550 Alternate labels: Gateway Safety PeakFit 80101</td>
<td>NO[^35]</td>
<td>YES</td>
</tr>
<tr>
<td>San Huei</td>
<td>N95, SH2950 Alternate labels: Gateway Safety SaniFold 80201 and Maytex 3380</td>
<td>NO[^35,36]</td>
<td>YES</td>
</tr>
<tr>
<td>San Huei</td>
<td>N95, SH3500 Alternate labels: Uniair San Huei SH3500</td>
<td>NO[^37]</td>
<td>YES</td>
</tr>
<tr>
<td>San Huei</td>
<td>N95, SH5551 Alternate label: Tronex 511N95S</td>
<td>NO[^38]</td>
<td>YES</td>
</tr>
<tr>
<td>San Huei</td>
<td>N95, SH9550 Alternate labels: Maytex 3395, Uline S-9632, and Tronex 536N95C</td>
<td>NO[^39,40,41]</td>
<td>YES</td>
</tr>
<tr>
<td>San Huei</td>
<td>N95, SH2550V Alternate labels: Gateway Safety PeakFit 80102V and Uline S-19253</td>
<td>NO[^35,42]</td>
<td>NO[^a]</td>
</tr>
<tr>
<td>San Huei</td>
<td>N95, SH2550CV and SH2950CV Alternate Label: Gateway Safety PeakFit 80104CV</td>
<td>NO[^35]</td>
<td>NO[^a](contains carbon)</td>
</tr>
<tr>
<td>San Huei</td>
<td>N95, SH2950V Alternate labels: Gateway Safety SaniFold 80202V and Maytex 3380V</td>
<td>NO[^35,36]</td>
<td>NO[^a]</td>
</tr>
<tr>
<td>San Huei</td>
<td>N95, SH9550V Alternate label: Maytex 3395V</td>
<td>NO[^39,40]</td>
<td>NO[^a]</td>
</tr>
</tbody>
</table>

Select Rizhao Sanqi Medical & Health Products N95 processability using Battelle CCDS™

<table>
<thead>
<tr>
<th>Manufacturer/Supplier</th>
<th>Model</th>
<th>Known to contain cellulose[^43,44]</th>
<th>Battelle CCDS™ Processable</th>
</tr>
</thead>
<tbody>
<tr>
<td>3Q San Qi</td>
<td>N95, RIZSQ100Sb</td>
<td>NO</td>
<td>YES</td>
</tr>
</tbody>
</table>

[^a]: This model is equipped with an exhalation valve; respirators that have an exhalation valve are not authorized for decontamination using Battelle CCDS™, according to the FDA EUA released June 6, 2020 [https://www.fda.gov/media/136529/download](https://www.fda.gov/media/136529/download).
Select Safe Life N95 processability using Battelle CCDS™

<table>
<thead>
<tr>
<th>Manufacturer/Supplier</th>
<th>Model</th>
<th>Known to contain cellulose</th>
<th>Battelle CCDS™ Processable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Safe Life</td>
<td>N95, B130 and B150</td>
<td>NO</td>
<td>YES, with conditions†</td>
</tr>
</tbody>
</table>

† Safe Life models B130 and B150 were NIOSH-approved N95 respirators until 2015. NIOSH confirmed that there was no indication of documented performance issues at the time the approvals were rescinded; the company was simply unresponsive in keeping the approvals active under the new NIOSH fee structure. Battelle can process these models using CCDS if they were fabricated when the approval was in place. Please verify that the NIOSH approval number (TC-84A-5200 for B130, and TC-84A-5201 for B150) is found on or in the packaging or on the respirator itself. This would indicate that the respirators were fabricated when the models still had approval.

Select Shanghai Dasheng N95 processability using Battelle CCDS™

<table>
<thead>
<tr>
<th>Manufacturer/Supplier</th>
<th>Model</th>
<th>Known to contain cellulose</th>
<th>Battelle CCDS™ Processable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shanghai Dasheng</td>
<td>N95, DTC3B</td>
<td>NO</td>
<td>YES</td>
</tr>
<tr>
<td>Shanghai Dasheng</td>
<td>N95, DTC3X</td>
<td>NO</td>
<td>YES</td>
</tr>
<tr>
<td>Shanghai Dasheng</td>
<td>N95, DTC3W</td>
<td>NO</td>
<td>YES</td>
</tr>
<tr>
<td>Shanghai Dasheng</td>
<td>N95, DTC3X-F</td>
<td>NO</td>
<td>NO[a]</td>
</tr>
<tr>
<td>Shanghai Dasheng</td>
<td>N95, DTC3W-F</td>
<td>NO</td>
<td>NO[a]</td>
</tr>
</tbody>
</table>

Select Suzhou Fangtian Industries N95 processability using Battelle CCDS™

<table>
<thead>
<tr>
<th>Manufacturer/Supplier</th>
<th>Model</th>
<th>Known to contain cellulose</th>
<th>Battelle CCDS™ Processable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Suzhou Fangtian</td>
<td>N95, FT-N058</td>
<td>NO</td>
<td>YES</td>
</tr>
</tbody>
</table>

[a] This model is equipped with an exhalation valve; respirators that have an exhalation valve are not authorized for decontamination using Battelle CCDS™, according to the FDA EUA released June 6, 2020 https://www.fda.gov/media/136529/download.
Select Suzhou Sanical Protective Product Manufacturing N95 processability using Battelle CCDS™

<table>
<thead>
<tr>
<th>Manufacturer/Supplier</th>
<th>Model</th>
<th>Known to contain cellulose</th>
<th>Battelle CCDS™ Processable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Suzhou Sanical</td>
<td>N95, Benehal MS6115L</td>
<td>YES49,50</td>
<td>NO</td>
</tr>
<tr>
<td>Suzhou Sanical</td>
<td>N95, Benehal MS8225</td>
<td>YES51,52</td>
<td>NO</td>
</tr>
<tr>
<td>Suzhou Sanical</td>
<td>N95, Benehal MS8265</td>
<td>NO53,54</td>
<td>NO[a]</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Manufacturer/Supplier</th>
<th>Model</th>
<th>Known to contain cellulose</th>
<th>Battelle CCDS™ Processable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Venus</td>
<td>N95, V4400</td>
<td>NO55</td>
<td>YES</td>
</tr>
<tr>
<td>Venus</td>
<td>N95, CN95, CN95+, and CN95 ME</td>
<td>NO56</td>
<td>YES</td>
</tr>
<tr>
<td>Venus</td>
<td>N95, RPD513N95, RPD713N95, RPD723N95</td>
<td>NO57,58</td>
<td>YES</td>
</tr>
<tr>
<td>Venus</td>
<td>N95, CVN95, CVN95+, RPD514N95, RPD714N95, RPD724N95, and V-4200</td>
<td>NO56,57,58,59</td>
<td>NO[a]</td>
</tr>
<tr>
<td>Venus</td>
<td>N95, CN95 OV</td>
<td>NO56</td>
<td>NO (contains carbon)</td>
</tr>
<tr>
<td>Venus</td>
<td>N95, CVN95 OV, RPD714N95OAO</td>
<td>NO56,57</td>
<td>NO[a] (contains carbon)</td>
</tr>
</tbody>
</table>

Select WellSpan Health Safety Protection Products N95 processability using Battelle CCDS™

<table>
<thead>
<tr>
<th>Manufacturer/Supplier</th>
<th>Model</th>
<th>Known to contain cellulose</th>
<th>Battelle CCDS™ Processable</th>
</tr>
</thead>
<tbody>
<tr>
<td>WellSpan Health</td>
<td>N95, RMD-N95-100R</td>
<td>NO</td>
<td>YES</td>
</tr>
</tbody>
</table>

Select Xiantao Zhongyi Safety Protection Products N95 processability using Battelle CCDS™

<table>
<thead>
<tr>
<th>Manufacturer/Supplier</th>
<th>Model</th>
<th>Known to contain cellulose</th>
<th>Battelle CCDS™ Processable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xiantao Zhongyi</td>
<td>N95, ZYB-11</td>
<td>NO62</td>
<td>YES</td>
</tr>
</tbody>
</table>

[a] This model is equipped with an exhalation valve; respirators that have an exhalation valve are not authorized for decontamination using Battelle CCDS™, according to the FDA EUA released June 6, 2020 https://www.fda.gov/media/136529/download.
REFERENCES

1 FDA Emergency Use Authorization for Battelle CCDS Critical Care Decontamination System™ Dated June 6, 2020 https://www.fda.gov/media/136529/download

2 FDA EUA Non-NIOSH-Approved Disposable Filtering Facepiece Respirators; Exhibit 1: Authorized Respirators Updated: June 22, 2020 https://www.fda.gov/media/136731/download

3 CDC list of NIOSH-Approved Particulate Filtering Facepiece Respirators https://www.cdc.gov/niosh/nppt/topics/respirators/disp_part/N95list1.html

4 FDA Emergency Use Authority (EUA) for Non-NIOSH-Approved Disposable Filtering Facepiece Respirators; Dated June 6, 2020 https://www.fda.gov/media/136403/download


7 BYD email correspondence with Battelle on July 7, 2020.

8 BYD user notice regarding identification of NIOSH approved DE2322 respirators, accessed June 24th https://www.byd.care/pages/user-notice


10 Draeger email correspondence with Battelle on May 14, 2020.

11 Draeger email correspondence with Battelle on September 7, 2020.

12 Gerson email correspondence with Battelle on May 1, 2020.


16 Kimberly-Clark letter to Battelle dated April 9,2020 Re: Mask Composition.

17 Honeywell email correspondence with Battelle on May 19, 2020.

18 Honeywell email correspondence with Battelle on June 24, 2020.


Kimberly-Clark Frequently Asked Questions regarding sale of none-core personal protective equipment categories to SureWerx USA, Inc. [https://www.global.kcprofessional.com/media/288783141/FAQ_EN_US.PDF](https://www.global.kcprofessional.com/media/288783141/FAQ_EN_US.PDF)

Makrite 9500-N95 Safety Data Sheet, received May 14, 2020.


Prestige Ameritech webpage on N95 Particulate Filter Respirator and Surgical Mask, accessed on May 12, 2020. [https://www.prestigeameritech.com/progearmasks](https://www.prestigeameritech.com/progearmasks)


Gateway Safety email correspondence with Battelle on May 1, 2020.


Tronex email correspondence with Battelle on May 20, 2020.

San Huei SH9550 Safety Data Sheet, received May 15, 2020.


47 Shanghai Dasheng email correspondence with Battelle on June 27, 2020.

48 Suzhou Fangtian email correspondence with Battelle on June 12, 2020.


60 WellSpan Health Material Specifications Data Sheet, received on June 30, 2020.

61 WellSpan Health Material Supplier Information and Product Details, received on June 30, 2020.