

Guide for Plant Fiber–Based Food Packaging Manufacturers

Determining if You Must Comply with Washington's Restrictions

Overview

Washington's prohibition on the manufacture, sale, or distribution of certain food packaging (<u>RCW 70A.222.070</u>¹) prevents manufacturers from selling or distributing certain types of food packaging with per- and polyfluoroalkyl substances (PFAS) intentionally added to them.

This resource will help you understand if these restrictions apply to your product. It will also help you assess your supply chain and determine if any of your product's components contain intentionally added PFAS.

The steps include:

- <u>Step 1: Determine if your product is included in the</u> regulation.
- <u>Step 2: Determine if your product contains</u> intentionally added PFAS.

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Food packaging is intended for direct food contact and made from paper, paperboard, or other plant fiber materials. The term refers to the whole package or a part of the packaging.

PFAS are one or more fluorinated organic chemicals that contain at least one fully fluorinated carbon atom.

¹ https://app.leg.wa.gov/rcw/default.aspx?cite=70A.222.070

Step 1: Determine if your product is included in the regulation

Is your product made from plant fiber-based materials?

Is it intended for direct food contact?

If the answer is **yes** to both questions, refer to the following food packaging restrictions.

Prohibited

Bags and sleeves: Includes flat-bottom bags and sealed-end bags (called sleeves or pinch-bottom bags).

Bowls: Also includes portion cups used to hold sauces.

Closed containers: Examples include clamshells, food pails, bakery boxes, and deli containers.

Flat serviceware: Examples include shallow trays and cafeteria-style trays.

Food boats: Examples include trays with tall, lipped edges and no compartment.

Open-top containers: Examples include food boats, French fry containers, and paper cones.

Pizza boxes.

Plates: Includes single or multi-compartment plates.

Wraps and liners: Includes sheets used to either wrap food or line other containers to act as an additional barrier.

Restrictions to be determined

Current market changes indicate that food packaging manufacturers are moving to PFAS-free alternatives, so we don't plan to expand the restrictions unless we discover new information revealing new uses of PFAS in food packaging items. We will continue to monitor the situation until all uses of PFAS in paper-based food packaging are confirmed as discontinued.

Keep up-to-date by reviewing our PFAS in Food Packaging Alternatives Assessment webpage.²

Step 2: Determine if your plant fiber–based product contains PFAS

If you aren't sure if your products contain intentionally added PFAS, use the information below. This resource isn't prescriptive; we designed it to provide options to help you identify if you'll need to substitute product components.

² https://www.ezview.wa.gov/site/alias__1962/37610/pfas_in_food_packaging_alternatives_assessment.aspx

There are two main pathways to identify if the materials in your plant fiber–based food packaging are free of intentionally added PFAS: **disclosure** and **analytical testing**.

Disclosure

Transparency is the most effective way to identify if a product is compliant with current or future regulations. To determine if PFAS is intentionally added to any of the materials in your product, we suggest three options.

1. Ask suppliers for full material disclosure

If possible, ask for full material disclosure—a list of all the materials and substances in the components or material.

There are a number of chemical management platforms, transparency standards, and thirdparty consultants that can help you gather this information. They can help you identify any PFAS being intentionally used, provide additional details for you to assess compliance status for any regulations, and help you identify opportunities for future optimization.

What to look for: Review the list of chemicals provided for fluoro-. If you notice this wording, ask your supplier if that function is really necessary, or if they have alternative chemistries or materials that meet the necessary function. We recommend you also ask if the alternatives have robust chemical hazard assessments, to ensure that the alternatives are safer.

2. Ask suppliers to disclose if PFAS chemicals are added

If full material disclosure isn't possible, ask if any PFAS chemicals are added.

- See <u>Appendix A</u> for PFAS the FDA approved for use in paper-based food packaging.
- See <u>Appendix B</u> for PFAS the FDA approved for use in plastics that may be used as part of paper-based food packaging.

In February 2024, the FDA announced:

- Manufacturers who committed to a voluntary phase-out were no longer selling PFAS in the U.S. food packaging market.
- The remaining chemical manufacturers that still have approval from the FDA to make PFAS for paper-based food packaging have also voluntarily stopped selling these chemicals in the U.S.³

3. Look for third-party certification of your materials

Some certifications can assess and certify both materials and final products. These certifications restrict certain toxic chemicals, require disclosure of ingredients, and assess the hazards of the ingredients.

³ See <u>https://www.fda.gov/news-events/press-announcements/fda-industry-actions-end-sales-pfas-used-us-food-packaging and https://www.fda.gov/food/cfsan-constituent-updates/fda-announces-pfas-used-grease-proofing-agents-food-packaging-no-longer-being-sold-us.</u>

For food packaging, look for materials that are certified by <u>Cradle to Cradle version 4.0</u>⁴ or <u>GreenScreen Certified version 1.0</u>.⁵ Both of these certifications restrict the use of intentionally added PFAS.

Analytical testing

If your suppliers don't provide the information you request, you can gather test data to assess if your product contains intentionally added PFAS. Before you test, we recommend you ask your supplier if they have test data that demonstrates the product doesn't contain intentionally added PFAS—they might have already assessed the material.

Certifications that restrict and test for PFAS

If your product is compostable, find out if the material you use is <u>Biodegradable Products</u> <u>Institute (BPI) certified</u>.⁶ BPI requires testing of products for total fluorine; the results must be 100 parts per million (ppm) or less. **Products made from paper, paperboard, or other plant fiber materials with total fluorine below this limit are expected to be free of intentionally added PFAS. This limit might change over time.**

Lab data

You or your supplier can test the product or components for total fluorine. If the results are less than 100 ppm and quality control criteria are met, your product likely doesn't have intentionally added PFAS and would likely comply with the restrictions in plant-fiber based food packaging.

If you identify low levels of total fluorine, we recommend you talk with your suppliers—even if they are less than 100 ppm. This can:

- Confirm PFAS isn't intentionally added.
- Identify unintentional sources of PFAS so they can try to reduce or eliminate them.
- Identify sources of inorganic fluorine (which are not PFAS).

If you need to change your materials, we encourage you to <u>go beyond compliance and seek out</u> <u>alternatives that are safer</u>.⁷ If you need technical assistance or resources to find safer alternatives, contact us at <u>Safer.Chem@ecy.wa.gov</u>.

⁴ https://www.c2ccertified.org/products/registry/search&category=packaging_paper/

⁵ https://www.greenscreenchemicals.org/certified/products/category/food

⁶ https://products.bpiworld.org/

⁷ https://ecology.wa.gov/safer-mfgs

Appendix A. FDA-approved PFAS for paper, paperboard, or plant pulp

These PFAS have all been approved by the FDA as additives to paper, paperboard, or plant pulp, or as manufacturing aids that can be used in paper and paperboard production.

Table 1: PFAS compounds, CAS numbers, and FCN or FCS numbers approved for use in paper,	
paperboard, or plant pulp that contact food.	

PFAS compound	CAS registration number	FCN or FCS number
2-propenoic acid, 2-methyl-, 2- hydroxyethyl ester, polymer with 2-propenoic acid and 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl 2-methyl-2- propenoate, sodium salt	1878204-24-0	<u>1676</u> ⁸
Copolymer of 2- (dimethylamino) ethyl methacrylate with 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl methacrylate, N-oxide, acetate	1440528-04-0	<u>1493</u> 9
Siloxanes and silicones, methyl-phenyl, methyl-3,3,3- trifluoropropyl	1643944-25-5	<u>1825</u> ¹⁰
2-propenoic acid, 2-methyl-, 2- hydroxyethyl ester, polymer with 2-propenoic acid and 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl 2-methyl-2- propenoate, sodium salt	1878204-24-0	<u>1676</u> ⁸
Copolymer of 2- (dimethylamino) ethyl methacrylate with 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl methacrylate, N-oxide, acetate	1440528-04-0	<u>1493</u> 9
2-Propenoic acid, 2-methyl-, 2- (dimethylamino)ethyl ester, polymer with 1-ethenyl-2- pyrrolidinone and 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl 2- propenoate, acetate	1334473-84-5	<u>1451</u> ¹¹ (<u>1360</u> ¹²)
Butanedioic acid, 2-methylene-, polymer with 2- hydroxyethyl, 2- methyl-2-propenoate, 2-methyl- 2- propenoic acid and 3,3,4,4,5,5,6,6,7,7,8,8,8- tridecafluorooctyl 2-methyl-2- propenoate, sodium salt	1345817-52-8	<u>1186</u> ¹³

⁸ https://www.cfsanappsexternal.fda.gov/scripts/fdcc/?set=FCN&id=1676

⁹ https://www.cfsanappsexternal.fda.gov/scripts/fdcc/?set=FCN&id=1493

¹⁰ https://www.cfsanappsexternal.fda.gov/scripts/fdcc/?set=FCN&id=1825

¹¹ https://www.cfsanappsexternal.fda.gov/scripts/fdcc/?set=FCN&id=1451

¹² https://www.cfsanappsexternal.fda.gov/scripts/fdcc/?set=FCN&id=1360

¹³ https://www.cfsanappsexternal.fda.gov/scripts/fdcc/?set=FCN&id=1186

PFAS compound	CAS registration number	FCN or FCS number
Hexane, 1,6-diisocyanato-, homopolymer, α -[1-[[[3-[[3 (dimethylamino)propyl]amino]propyl]amino]carbonyl]- 1,2,2,2- tetrafluoroethyl]- ω -(1,1,2, 2,3,3,3- heptafluoropropoxy) poly[oxy[trifluoro(trifluoromethyl)-1,2-ethanediyl]]-blocked	1279108-20-1	<u>1097</u> ¹⁴
2-propenoic acid, 2-methyl-, 2- hydroxyethyl ester polymer with 1-ethenyl-2-pyrrolidinone, 2- propenoic acid and 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl 2- propenoate sodium salt	1206450-10-3	<u>1044</u> ¹⁵
2-propenoic acid, 2-methyl-, polymer with 2- (diethylamino)ethyl 2-methyl-2- propenoate, 2- propenoic acid and 3,3,4,4,5,5,6,6,7,7,8,8,8- tridecafluorooctyl 2-methyl-2- propenoate, acetate	1071022-26-8	<u>1027</u> ¹⁶ (<u>885</u> ¹⁷)
Diphosphoric acid, polymers with ethoxylated reduced Me esters of reduced polymerized oxidized tetrafluoroethylene ¹⁸	200013-65-6	$\frac{962}{19}^{19} (\frac{416}{20}^{20} \text{ and} \frac{195}{21}^{21})$
Hexane, 1,6-diisocyanato-, homopolymer, 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluoro-1-octanol- blocked	357624-15-8	<u>940</u> ²²
2-propenoic acid, 2-methyl-, polymer with 2- hydroxyethyl 2-methyl-2-propenoate, α-(1-oxo-2- propen-1-yl)-ω-hydroxypoly(oxy-1,2-ethanediyl) and 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl 2- propenoate, sodium salt	1158951-86-0	<u>933</u> ²³

¹⁴ https://www.cfsanappsexternal.fda.gov/scripts/fdcc/?set=FCN&id=1097

¹⁵ https://www.cfsanappsexternal.fda.gov/scripts/fdcc/?set=FCN&id=1044

¹⁶ https://www.cfsanappsexternal.fda.gov/scripts/fdcc/?set=FCN&id=1027

¹⁷ https://www.cfsanappsexternal.fda.gov/scripts/fdcc/?set=FCN&id=885

¹⁸ This substance is also known as: phosphate esters of ethoxylated perfluoroether, prepared by reaction of ethoxylated perfluoroether diol (CAS Reg. No. 162492-15-1) with phosphorous pentoxide (CAS Reg. No. 1314-56-3) or pyrophosphoric acid (CAS Reg. No. 2466-09-3).

¹⁹ https://www.cfsanappsexternal.fda.gov/scripts/fdcc/?set=FCN&id=962

²⁰ https://www.cfsanappsexternal.fda.gov/scripts/fdcc/?set=FCN&id=416

²¹ https://www.cfsanappsexternal.fda.gov/scripts/fdcc/?set=FCN&id=195

²² https://www.cfsanappsexternal.fda.gov/scripts/fdcc/?set=FCN&id=940

²³ https://www.cfsanappsexternal.fda.gov/scripts/fdcc/?set=FCN&id=933

PFAS compound	CAS registration number	FCN or FCS number
2-propenoic acid, 2- hydroxyethyl ester, polymer with α -(1-oxo-2-propen-1-yl)- ω - hydroxypoly(oxy-1,2-ethanediyl), α -(1-oxo-2-propen-1-yl)- ω -[(1-oxo-2-propen-1-yl)oxy]poly(oxy-1,2-ethanediyl) and 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl 2-propenoate	1012783-70-8	<u>888</u> ²⁴ (<u>827</u> ²⁵)
2-Propenoic acid, 3,3,4,4,5,5,6,6,7,7,8,8,8- tridecafluorooctyl ester, polymer with α-(1-oxo-2- propen-1-yl)-ω- hydroxypoly(oxy-1,2- ethanediyl)	No CAS registration number given	<u>820</u> ²⁶
2-propen-1-ol, reaction products with 1,1,1,2,2,3,3,4,4,5,5,6,6-tridecafluoro-6-iodohexane, dehydroiodinated, reaction products with epichlorohydrin and triethylenetetramine	464178-94-7	783 ²⁷ (746 ²⁸ and 542 ²⁹)
Copolymers of 2-perfluoroalkylethyl acrylate, 2-N,N- diethylaminoethyl methacrylate, glycidyl methacrylate, acrylic acid, and methacrylic acid	870465-08-0	<u>646</u> ³⁰
Copolymer of 2-perfluoroalkylethyl acrylate, 2- (dimethylamino)ethyl methacrylate, and oxidized 2- (dimethylamino)ethyl methacrylate	479029-28-2	<u>628</u> ³¹
Copolymer of perfluorohexylethyl methacrylate, 2- N,N- diethylaminoethyl methacrylate, 2-hydroxyethyl methacrylate, and 2,2'-ethylenedioxydiethyl dimethacrylate, acetic acid salt	863408-20-2	<u>604</u> ³² (<u>599</u> ³³)
Copolymer of perfluorohexylethyl methacrylate, 2- N,N- diethylaminoethyl methacrylate, 2-hydroxyethyl methacrylate, and 2,2'-ethylenedioxydiethyl dimethacrylate, malic acid salt	1225273-44-8	<u>604</u> ³² (<u>599</u> ³³)

²⁴ https://www.cfsanappsexternal.fda.gov/scripts/fdcc/?set=FCN&id=888

²⁵ https://www.cfsanappsexternal.fda.gov/scripts/fdcc/?set=FCN&id=827

²⁶ https://www.cfsanappsexternal.fda.gov/scripts/fdcc/?set=FCN&id=820

²⁷ https://www.cfsanappsexternal.fda.gov/scripts/fdcc/?set=FCN&id=783

²⁸ https://www.cfsanappsexternal.fda.gov/scripts/fdcc/?set=FCN&id=746

²⁹ https://www.cfsanappsexternal.fda.gov/scripts/fdcc/?set=FCN&id=542

³⁰ https://www.cfsanappsexternal.fda.gov/scripts/fdcc/?set=FCN&id=646

³¹ https://www.cfsanappsexternal.fda.gov/scripts/fdcc/?set=FCN&id=628

 $^{^{32}\} https://www.cfsanappsexternal.fda.gov/scripts/fdcc/?set=FCN\&id=604$

³³ https://www.cfsanappsexternal.fda.gov/scripts/fdcc/?set=FCN&id=599

PFAS compound	CAS registration number	FCN or FCS number
Perfluoropolyether dicarboxylic acid, ammonium salt	69991-62-4	<u>538</u> ³⁴ (<u>398</u> ³⁵)
2-propen-1-ol, reaction products with pentafluoroiodoethane- tetrafluoroethylene telomer, dehydroiodinated, reaction products with epichlorohydrin and triethylenetetramine (CAS Reg. No 464178-90-3)	464178-90-3	<u>518</u> ³⁶ (<u>487</u> ³⁷ and <u>314</u> ³⁸)
Copolymers of 2-perfluoroalkylethyl acrylate, 2-N,N- diethylaminoethyl methacrylate, and glycidyl methacrylate	No CAS registration number given	$\frac{338}{206}^{39}$ (311 ⁴⁰ and 206 ⁴¹)
3-cyclohexane-1-carboxylic acid, 6-((di-2- propenylamino)carbonyl)-,(1R,6R), reaction products with pentafluoroiodoethane-tetrafluoroethylene telomer, ammonium salts	No CAS registration number given	<u>255</u> ⁴²
Fluorinated polyurethane anionic resin prepared by reacting perfluoropolyether diol (CAS Reg. No. 88645- 29-8), isophorone diisocyanate (CAS Reg. No. 4098-71- 9), 2,2-dimethylolpropionic acid (CAS Reg. No. 4767- 03-7), and triethylamine (CAS Reg. No. 121-44-8)	328389-91-9	<u>187</u> ⁴³
Glycine, N,N-bis[2-hydroxy-3-(2-propenyloxy)propyl]-, monosodium salt, reaction products with ammonium hydroxide and pentafluoroiodoethane- tetrafluoroethylene telomer	220459-70-1	<u>59</u> ⁴⁴

³⁴ https://www.cfsanappsexternal.fda.gov/scripts/fdcc/?set=FCN&id=538

³⁵ https://www.cfsanappsexternal.fda.gov/scripts/fdcc/?set=FCN&id=398

³⁶ https://www.cfsanappsexternal.fda.gov/scripts/fdcc/?set=FCN&id=518

³⁷ https://www.cfsanappsexternal.fda.gov/scripts/fdcc/?set=FCN&id=487

³⁸ https://www.cfsanappsexternal.fda.gov/scripts/fdcc/?set=FCN&id=314

³⁹ https://www.cfsanappsexternal.fda.gov/scripts/fdcc/?set=FCN&id=338

⁴⁰ https://www.cfsanappsexternal.fda.gov/scripts/fdcc/?set=FCN&id=311

⁴¹ https://www.cfsanappsexternal.fda.gov/scripts/fdcc/?set=FCN&id=206

⁴² https://www.cfsanappsexternal.fda.gov/scripts/fdcc/?set=FCN&id=255

⁴³ https://www.cfsanappsexternal.fda.gov/scripts/fdcc/?set=FCN&id=187

⁴⁴ https://www.cfsanappsexternal.fda.gov/scripts/fdcc/?set=FCN&id=59

Additional FDA-approved PFAS for paper, paperboard, or plant pulp

Table 2: Additional PFAS compounds and CFR numbers approved for use in paper, paperboard, or plant pulp that contact food.

PFAS compound	CFR number
Chromium (Cr III) complex of N-ethyl - N -heptadecylfluoro- octane sulfonyl glycine containing up to 20 percent by weight of the chromium (Cr III) complex of heptadecylfluoro- octane sulfonic acid may be safely used as a component of paper for packaging dry food when used in accordance with prescribed conditions	21 CFR 176.160 ⁴⁵
Undecafluorocyclohexanemethanol ester mixture of dihydrogen phosphate, compound with 2,2' iminodiethanol (1:1); hydrogen phosphate, compound with 2,2'- iminodiethanol (1:1); and P,P'- dihydrogen pyrophosphate, compound with 2,2'- iminodiethanol (1:2); where the ester mixture has a fluorine content of 48.3 pct to 53.1 pct as determined on a solids basis	21 CFR 176.170 ⁴⁶

PFAS used as a processing aid in paper or paperboard manufacture

This PFAS is approved as a processing aid in paper and paperboard manufacturing. It can be used in the production of some types of paper or paperboard food packaging and could be found in the final product.

Table 3: PFAS compound, CAS number, and FCN number as a processing aid for paper or paperboard manufacture.

PFAS compound	CAS registration number	FCN number
Siloxanes and silicones, methyl-phenyl, methyl-3,3,3- trifluoropropyl	1643944-25-5	<u>1825</u> 47

⁴⁵ https://www.accessdata.fda.gov/scripts/cdrh/cfdocs/cfcfr/CFRSearch.cfm?fr=176.160

⁴⁶ https://www.accessdata.fda.gov/scripts/cdrh/cfdocs/cfcfr/cfrsearch.cfm?fr=176.170

⁴⁷ https://www.cfsanappsexternal.fda.gov/scripts/fdcc/?set=FCN&id=1825

Appendix B. PFAS approved for use in plastics

These PFAS are approved for use in plastics that contact food. It's possible that plastic may be used as a coating on paper or paperboard.

If you use or make plastic-coated paper or paperboard, you may want to confirm with your suppliers that these PFAS aren't added to plastics during the manufacturing process.

PFAS used as coatings

These PFAS could be used to coat materials used to make some types of paper or paperboard food packaging.

Table 4: PFAS	compounds and CFR numbers for PFAS used	1 as coatings
		i as coatings.

PFAS compound	CFR number
Polyvinyl fluoride resins	21 CFR 175.270 ⁴⁸
Polytetrafluoroethylene (PTFE)	21 CFR 175.300 ⁴⁹
Chlorotrifluoroethylene resins	21 CFR 177.1380 ⁵⁰
Chlorotrifluoroethylene-1,1-difluoroethylene copolymer resins	21 CFR 177.1380 ⁵⁰
Chlorotrifluoroethylene-1,1-difluoroethylene-tetrafluoroethylene co- polymer resins	21 CFR 177.1380 ⁵⁰
Ethylene-chlorotrifluoroethylene copolymer resins	21 CFR 177.1380 ⁵⁰

⁴⁸ https://www.accessdata.fda.gov/scripts/cdrh/cfdocs/cfCFR/CFRSearch.cfm?fr=175.270

⁴⁹ https://www.accessdata.fda.gov/scripts/cdrh/cfdocs/cfCFR/CFRSearch.cfm?fr=175.300

⁵⁰ https://www.accessdata.fda.gov/scripts/cdrh/cfdocs/cfCFR/CFRSearch.cfm?fr=177.1380

PFAS used as processing aids in plastics that could be used as coatings

These PFAS are approved as processing aids in plastics. They can be used to make some types of paper or paperboard food packaging.

Can be used in all approved plastics

 Table 5: PFAS compounds, CAS numbers, and FCN or FCS numbers for approved plastics used as processing aids.

PFAS compound	CAS registration number	FCN or FCS number
2,3,3,4,4,5,5-Heptafluoro-1-pentene polymer with ethene and tetrafluoroethene	94228-79-2	<u>1601</u> ⁵¹
Vinylidene fluoride-hexafluoropropene copolymer	9011-17-0	<u>1560</u> ⁵² / <u>1448</u> ⁵³
1-Propene,1,1,2,3,3,3-hexafluoro-, polymer with 1,1- difluoroethene (modified with a halogenated ethylene)	9011-17-0	<u>736</u> ⁵⁴

Can be used in approved polyolefins (includes plastics like polypropylene and polyethylene)

Table 6: PFAS compounds, CAS numbers, and CFR or FCN numbers for approved polyolefins used as processing aids.

PFAS compound	CAS registration number	CFR or FCN number
Polyvinylidene fluoride homopolymer	24937-79-9	21 CFR 177.1520 ⁵⁵
Vinylidene fluoride-hexafluoropropene copolymer	9011-17-0	21 CFR 177.1520 ⁵⁵
Vinylidene fluoride-hexafluoropropene copolymer	9011-17-0	21 CFR 177.1520 ⁵⁵
Tetrafluoroethylene-hexafluoropropylene-vinylidene fluoride copolymers	25190-89-0	<u>260</u> ⁵⁶

⁵¹ https://www.cfsanappsexternal.fda.gov/scripts/fdcc/?set=FCN&id=1601

⁵² https://www.cfsanappsexternal.fda.gov/scripts/fdcc/?set=FCN&id=1560

⁵³ https://www.cfsanappsexternal.fda.gov/scripts/fdcc/?set=FCN&id=1448

⁵⁴ https://www.cfsanappsexternal.fda.gov/scripts/fdcc/?set=FCN&id=736

⁵⁵ https://www.accessdata.fda.gov/scripts/cdrh/cfdocs/cfCFR/CFRSearch.cfm?fr=177.1520

⁵⁶ https://www.cfsanappsexternal.fda.gov/scripts/fdcc/index.cfm?set=FCN&id=260

Can be used in approved ethylene-vinyl acetate plastics

Table 7: PFAS compounds, CAS numbers, and CFR numbers for approved ethylene-vinyl acetate plastics used as processing aids.

PFAS compound	CAS registration number	CFR number
Copolymer of vinylidene fluoride and hexafluoropropene	9011-17-0	21 CFR 177.1350 ⁵⁷
PTFE	N/A	21 CFR 177.1350 ⁵⁷

⁵⁷ https://www.accessdata.fda.gov/scripts/cdrh/cfdocs/cfCFR/CFRSearch.cfm?fr=177.1350