

Garlock®

an EnPro Industries family of companies

PRODUCT DOSSIER

Gylon® Style 3504 & Gylon® EPIX™ Style 3504 EPX

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Gylon® Style 3504 & Gylon® EPIX™ Style 3504 EPX

Section 1: Supplier Information

Name: Garlock Sealing Technologies
Address: 1666 Division Street
Palmyra, New York 14522
Main Phone: 315-597-4811
E-Mail: info@garlock.com
Parent Company: EnPro Industries

Section 2: Product Description

Product Name: Gylon® Style 3504 & Gylon® EPIX™ Style 3504 EPX
Description: Severe Service PTFE and Aluminosilicate Microspheres Gasketing
Color: Blue

Section 3: Shelf Life / Storage & Handling

The shelf life of Gylon® Style 3504 & Gylon® EPIX™ Style 3504 EPX under ideal storage conditions is unlimited.

For optimum shelf life store in a cool, dry area away from incidental exposure to all types of radiation.

Store flat.

When storing one or more sheets of GYLON® EPIX™, place chipboard in between each piece and/or surface to ensure it is fully protected. Do not fold or bend excessively.

To avoid surface damages while moving GYLON® EPIX™, it is best practice to first, pick up the sheet and next, place it where needed; refrain from dragging.

Section 4: Safety Data Sheet (SDS)

SDS is available on the internet at:

<https://www.garlock.com/en/products/gylon-style-3504-ptfe-aluminosilicate-microspheres-gasketing>

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Section 5: Transmissible Spongiform Encephalopathies (TSE) / Bovine Spongiform Encephalopathy (BSE)

Both Gylon® Style 3504 & Gylon® EPIX™ Style 3504 EPX contain no by-products of animal origin of specified risk material, or additives. No products of bovine origin are used in the manufacture of both Gylon® 3504 & 3504 EPX; therefore there is no source for BSE or TSE materials or to contaminate our products.

Section 6: Restricted Substance

Gylon® Style 3504 & Gylon® EPIX™ Style 3504 EPX are not formulated with any of following substances:

Arsenic	Animal Derived Ingredients (ADI)
Asbestos	Mercury
Antimony	Nonyl Phenol
Bisphenol A	Polybrominated biphenyls (PBB)
Cadmium	Polybrominated diphenyl ethers (PBDE)
Formaldehyde	Perfluorooctanoic acid (PFOA)
Hexavalent Chromium	Perfluorooctanesulfonic acid (PFOS)
Lead	Resorcinol
Melamine	Silicone
Phthalates	Natural Rubber Latex

Section 7: REACH SVHC

Garlock Sealing Technologies has investigated the need to register this product and has determined that this product meets the definition of an article per the REACH legislation EC 1907/2006. Therefore, Garlock Sealing Technologies has no obligations for registration under the requirements of REACH.

Relative to the listed Substances of Very High Concern (SVHC) set forth by the European Chemicals Agency (ECHA) in decision ED/67/2008 on October 28, 2008 and updated on January 15, 2019; Garlock Sealing Technologies hereby certifies that to the best of our knowledge the following Styles do not contain any of the listed substances at levels of 0.1% or greater.

REACH Compliance Statements are available on the internet at <https://www.garlock.com/en/technical-resources/downloads>. Select the Approvals and Certifications at drop down list of File Type and find the corresponding document.

Section 8: RoHS Status

Gylon® Style 3504 & Gylon® EPIX™ Style 3504 EPX conform to European Commission Directive (2011/65/EU) and do not contain more than 0.1% by weight of lead, mercury, hexavalent chromium, polybrominated biphenyls (PBB) or polybrominated diphenyl ethers (PBDE), Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP), Diisobutyl phthalate (DIBP) and no more than 0.01% by weight of cadmium.

RoHS Compliance Statements are available on the internet at <https://www.garlock.com/en/technical-resources/downloads>. Select the Approvals and Certifications at drop down list of File Type and find the corresponding document.

Section 9: Conflict Mineral Statement

Conflict Mineral information is available at;

<http://www.enproindustries.com/corporate-governance/conflict-minerals-compliance>.

Section 10: FDA Food Contact Statement

The Polytetrafluoroethylene (PTFE) used in Gylon® Style 3504 & Gylon® EPIX™ Style 3504 EPX complies with 21 CFR 177.1550.

The Aluminosilicate Microsphere filler used in Gylon® 3504 & 3504 EPX is listed in the Food Chemicals Codex (FCC 3rd Edition) and is considered GRAS (generally recognized as safe per of Food and Drug Administration Regulation 21 CFR 170.30, “Eligibility for Classification as Generally Recognized as Safe (GRAS).”

The pigments used in Gylon® 3504 & 3504 EPX are suitable for food contact articles according to 21 CFR 178.3297.

Gylon® 3500 & 3500 EPX also meet the extraction requirements specified in 21 CFR 177.1550.

Section 11: EC 1935-2004 EC 10/2011 Food Contact Statement

Gylon® Style 3504 & Gylon® EPIX™ Style 3504 EPX complies with the European Union Food Contact Framework Regulation (EC) No. 1935/2004 and Commission Regulation (EU) No 10/2011 for Plastics Intended to come into Contact with Food. Material was found suitable for use with all food types at temperatures up to 175°C. See Document of Compliance for further information.

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Section 12: USP Statement

Gylon® 3504 / 3504 EPX has met the requirements of USP <87> Biological Reactivity Tests, In Vitro; Elution Test, in accordance with USP 39-NF 34 through Second Supplement, Official December 1, 2016 to April 30, 2017.

Gylon® 3504 / 3504 EPX has also met the requirements of USP <88> Biological Reactivity Tests, In Vivo in accordance with USP 39-NF 34 for Class VI designation at a temperature extraction of 121°C for 1 hour.

Section 13: Gasket Design, Installation and Performance

Gaskets produced from Gylon® Style 3504 & Gylon® EPIX™ Style 3504 EPX have been found to be compliant to various industry standards.

For specific information please contact Garlock Sealing Technologies gasket applications.

gst.gasketapps@garlock.com

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