



Freshness and Protection  
for Today's Packaging

# FoilSeal™ Technical Data Sheet

## S105 FS 5-9

Revision: FS59-08192011

<b>Product</b>	S105 FS 5-9														
<b>Scope</b>	One piece foam backed universal heat induction foil innerseal that will seal to all container materials with varying degrees of adhesion.														
<b>Composition</b>	<table border="1"> <thead> <tr> <th>Material</th> <th>Standard</th> <th>Metric</th> </tr> </thead> <tbody> <tr> <td>Backing</td> <td>.0105"</td> <td>.2667mm</td> </tr> <tr> <td>Foil</td> <td>.001"</td> <td>.0254mm</td> </tr> <tr> <td>Heat Seal</td> <td>.001"</td> <td>.0254mm</td> </tr> </tbody> </table>	Material	Standard	Metric	Backing	.0105"	.2667mm	Foil	.001"	.0254mm	Heat Seal	.001"	.0254mm		Composition does not include adhesive, resin or wax bonding layers (if any).
Material	Standard	Metric													
Backing	.0105"	.2667mm													
Foil	.001"	.0254mm													
Heat Seal	.001"	.0254mm													
<b>FDA Status:</b> 21 CFR 177.1210	<b>Recommended Storage and Handling:</b> Refer to Website.														
<b>Drug Master File (DFM):</b> #4544	<b>EU / EP Reg.:</b> Does not meet Article 3a of Reg. No. 2023/2006 and Article 3 of Reg. No. 1935/2004.														
<b>GTR Oxygen:</b> Essentially zero	<b>MVTR:</b> Essentially zero														
<b>Sealing to glass containers:</b> Selig can not guarantee the performance or seal integrity of this materials when applied to any glass (treated or untreated) container. We suggest you contact your glass supplier for recommendations on glass treatments that may or may not improve performance or seal integrity.															
<b>Print Location (if any):</b> Heat Seal Layer and/or Backing															

Selig materials are compliant with current USFDA Food allergen Guidelines.

Selig materials are compliant with California Proposition 65 labeling requirements.

Selig materials are compliant with limitation of heavy metals in packaging per CONEG & EU 94/62/EC, article 11.

Recommended for use with dry food products. Is not suitable for use with fatty or alcoholic food types per ECC Reg. № 10/2011. Determining specific organoleptic compatibility per Article 3a of ECC Reg. № 2023/2006 is the responsibility of the food packager.

MSDS's are not required as Selig is not a chemical manufacturer or distributor and our products are 'articles' intended for food packaging per 29 CFR 1910.1200 (HazCom).

The information contained within this product data bulletin is to be used as a general guide in determining which structures are offered for sealing to specific container materials. All of the information which we provide is reliable to the best of our knowledge, but the accuracy thereof is not guaranteed. We suggest that consumers determine suitability for their own application.

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## Certificate of Conformance

FoilSeal™ 5-4, 5-5, 5-6, 5-8, 5-9, 5-10

FoilSeal™ LE & E Versions

www.seligsealing.com

Backings: White Lined Closure pulpboard (WLPM or Pulp), C1S, S5S, S70, S10S, C2S, C25+, C25P

Date: July 26, 2016

	<u>Compliant</u>	<u>USFDA</u>	<u>European Union</u>	<u>Health Canada</u>
Good Manufacturing Practices	Yes	21 CFR Part 110	Does not meet article 3a of EC/2023/2006	
Purity and suitability for intended use	Yes	21 CFR 174.5, Pulp boards comply FDA/CFSAN Appendix J, milk ordinance microbiologic purity	94/62/EC Article 11 as amended, EC/1895/2005 BADGE NOGE	Canadian Food & Drug Act (R.S. 1985)
Raw Ingredient/Component food use status	Yes	21 CFR 172-186	EC/10/2011 as amended	Canadian Environmental Protection Act (CEPA) of 1999 as amended and Canadian Food and Drug Regulations (C.R.C. c. 870), Part B: Foods, Division 23 Food Packaging Materials
Product food contact use authorization: Closures with sealing gaskets for food containers	Yes	21 CFR 177.1210	EC/10/2011 as amended. Does not meet article 3 of EC/1935/2004	
Migration & Extraction Testing	No	21 CFR 177.1210, table 2	EC/10/2011 as amended. This product is known to contain dual use additive BHT (E321). <b>This product is suitable for use on dry, non-fatty, non-alcoholic food product only.</b>	
REACH & SVHC	Yes		EC/1907/2006 & SVHC List June 20, 2016	
Phthalates	Yes	San Francisco Co USA Ordinance № 86-07	2005/84/EC	
BPA	Yes		EC/1895/2005 BADGE NOGE	
Allergens namely: Peanuts, Dairy, Egg, Fish, Lupin, Shellfish, Soy, Wheat, Tree nuts & Nut oils, Mustard, Celery, Sesame, Gluten, Sulfites/Sulfur Dioxide, Carmine, Lecithin, Aspartame, Yellow #5 & #6, MSG/autolyzed yeast/hydrolyzed protein, materials of biological origin, Latex	Yes	(USFDA) 3 May, 2001, <u>Compliance Guide for Inspectors for Food Allergens</u>		
California Prop. 65	Yes			
Heavy Metals	Yes	CONEG	94/62/EC Article 11 as amended	
Biocides used in pulpboard	Yes	USDA/CFSAN D2 sanitizers for direct food contact and USDA/CFSAN G5 for indirect food contact and as an additive per 21 CFR 173.300 and 173.325.	1 Sept. 2013 European Union <u>Biocidal Products regulation (BPR)</u> deadline per EC regulation 528/2012 amending Directive 98/8/EC with ECHA dossier per EC regulation 1451/2007.	
No products are derived from animal origins: TSE/BSE	Yes	USFDA guidance 12/2000 on minimizing the risk of TSE/BSE agents in manufacture of medical devices	European Union Directive 99/82/EC, cf. Ph. Eur. Chapter 5.2.8, minimizing the risk of transmitting animal spongiform encephalopathy agents via medicinal products and the related general monograph no. 1483	
Laws against human trafficking/slavery	Yes	California Transparency in Supply Chains Act of 2010		
Use of conflict materials namely: Tantalum (Ta), Tin (Sn), Gold (Au), Tungsten (W), or diamonds having origins from the Democratic Republic of Congo	Yes	Dodd-Frank Wall Street Reform and Consumer Protection Act (Pub. L. 111-203, H.R. 4173), Title XV, , Miscellaneous Provisions – Disclosures on Conflict Materials		



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Date: July 26, 2016

	<u>Compliant</u>	<u>USFDA</u>	<u>European Union</u>	<u>Health Canada</u>
Nanomaterials: No nanomaterials are used in the manufacture of these products.	Yes			
Recycled Materials: No post-consumer recycled materials are used in the manufacture of these products.	Yes			
Miscellaneous Compounds: GMO, fungicides, PVC, PVDC, Diethylene Glycol, AZO compounds, Melamine, Organic Tin compounds, Triclosan, BHA, Organic Hallides, Toluene, Benzene, Dioxans, Furans, Selenium, Diphenylamines, components of the Jathropha Plant, TCP, TBP, TBA, any other pesticides, Alkylphenols, Akylphenol Ethoxylates, Aldehydes, nonylphenols, Octyl and Nonyl phenols, palm oil, Phosphorous. Any presence of these substances would be considered as trace, or incidental in quantity. Selig does not test for their presence, nor do we require our suppliers to do so. <b>The heat seal layer of this product is known to contain vinyl acetate (CAS 108-05-4) at &lt;0.5% and BHT (CAS 128-37-0) at &lt;1.0%. We strongly recommend that laboratory tests are carried out to determine the suitability of the liner material being considered for any given application.</b>	Yes			
Selig's Forrest, IL - USA manufacturing facility is certified in accordance with the British Retail Consortium (BRC) Global Standard for Packaging and Packaging Materials, Issue 5, ISO 9001:2008, and FDA IMS.				
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