

## Focus on Sustainability and Product Transparency

APEX Wallcoverings and our manufacturer, Len-Tex Corporation, are passionately committed to healthy indoor air quality, product transparency and reducing environmental impacts. Len-Tex's more than 21 years of successfully improving product chemistries allows us to inspire design and provide superior quality, all while promoting healthier indoor environments.



APEX Wallcoverings, manufactured by Len-Tex Corporation using Clean Vinyl Technology™ (CVT), pass the rigorous standards of the SCS Global Services Indoor Advantage Gold certification. SCS certification is in compliance with CDPH/EHLB Standard Method v1.2 and conforms to California Specification 01350 to identify VOC emissions from interior products and finishes. Wallcoverings manufactured by Len-Tex Corp. earned a "pass" rating for school, office and residential scenarios and are accepted by the Collaborative for High Performing Schools (CHPS). CHPS new listing of low emitting products are contained in the CHPS Pre-Approved Product page at ZeroDocs.com/CHPS.

In addition, our Clean Vinyl Technology™ Wallcoverings meet the stringent EU standard EN 15102 for Decorative Wallcoverings and comply with the W-101 Wallcovering Association standard.

The chart below lists the chemicals and associated health risks typically found in vinyl wallcoverings. Clean Vinyl Technology™ formulation addresses these chemicals and identifies the safe alternatives used in CVT.

Chemical Component	Common Use	Health Risks	Len-Tex CVT Component	References
<b>Phthalates</b>	Plasticizer/softener in Film and Inks	Classified as endocrine disruptors; exposure to phthalates has been reported to result in increased incidence of developmental abnormalities	Eastman DOTP, Citrate non-phthalate plasticizer	<a href="https://www.epa.gov/sites/production/files/2017-08/documents/phthalates_updates_live_file_508_0.pdf">https://www.epa.gov/sites/production/files/2017-08/documents/phthalates_updates_live_file_508_0.pdf</a> <a href="https://www.cpsc.gov/Newsroom/News-Releases/2011/CPSC-Adopts-Testing-Requirements-for-Phthalates-in-Childrens-Toys-and-Child-Care-Articles-Stay-of-Enforcement-for-Testing-Until-December-31-2011">https://www.cpsc.gov/Newsroom/News-Releases/2011/CPSC-Adopts-Testing-Requirements-for-Phthalates-in-Childrens-Toys-and-Child-Care-Articles-Stay-of-Enforcement-for-Testing-Until-December-31-2011</a> <a href="https://www.epa.gov/assessing-and-managing-chemicals-under-tsca/phthalates">https://www.epa.gov/assessing-and-managing-chemicals-under-tsca/phthalates</a> <a href="http://www.eastman.com/Literature_Center/Internal/L243.pdf">http://www.eastman.com/Literature_Center/Internal/L243.pdf</a>
<b>Barium</b>	Film Stabilizer	May cause gastrointestinal problems and muscle weakness	Calcium	<a href="https://www.atsdr.cdc.gov/toxfaqs/tf.asp?id=326&amp;tid=57">https://www.atsdr.cdc.gov/toxfaqs/tf.asp?id=326&amp;tid=57</a> <a href="https://www.stabilisers.eu/stabilisers/">https://www.stabilisers.eu/stabilisers/</a>
<b>Antimony</b>	Film Fire Retardant	Carcinogen under CA Prop 65; linked to skin and eye irritation; Inflammation of the lungs bronchitis, emphysema	Aluminium trihydrate (ATH)	<a href="http://oehha.ca.gov/proposition-65/proposition-65-list">http://oehha.ca.gov/proposition-65/proposition-65-list</a> <a href="https://www.epa.gov/sites/production/files/2016-09/documents/antimony-compounds.pdf">https://www.epa.gov/sites/production/files/2016-09/documents/antimony-compounds.pdf</a>
<b>Arsenic</b>	Biocide/Anti-microbial	Recognized Carcinogen and Development Toxicant (CA-P65) linked to cancer, gastrointestinal effects, nervous system disorders and skin irritations	UltraFresh®	<a href="https://www.epa.gov/sites/production/files/2014-03/documents/arsenic_factsheet_cdc_2013.pdf">https://www.epa.gov/sites/production/files/2014-03/documents/arsenic_factsheet_cdc_2013.pdf</a> <a href="http://www.ultra-fresh.com/ultra-fresh/">http://www.ultra-fresh.com/ultra-fresh/</a>
<b>Formaldehyde</b>	Preservative in Inks and Coatings	Linked to eye, nose and throat irritation; wheezing and coughing; fatigue; skin rash; allergic reactions	Formaldehyde-free inks and coatings	<a href="http://www.healthybuilding.net/uploads/files/formaldehyde-found-in-building-materials.pdf">http://www.healthybuilding.net/uploads/files/formaldehyde-found-in-building-materials.pdf</a> <a href="https://www.epa.gov/formaldehyde">https://www.epa.gov/formaldehyde</a> <a href="https://www.scsglobalservices.com/files/standards/IAQ_GUI_F-Free_V1-0_011510.pdf">https://www.scsglobalservices.com/files/standards/IAQ_GUI_F-Free_V1-0_011510.pdf</a>
<b>Phenol (Volatile Organic Compound)</b>	Film Stabilizer	May cause irritation to the skin, eyes and mucous membranes	Ultra-low-emitting stabilizer system	<a href="https://www.epa.gov/sites/production/files/2016-09/documents/phenol.pdf">https://www.epa.gov/sites/production/files/2016-09/documents/phenol.pdf</a> <a href="http://berkeleyanalytical.com/lab-services/voc-emissions-testing">http://berkeleyanalytical.com/lab-services/voc-emissions-testing</a> <a href="https://chps.net/products">https://chps.net/products</a>