

Trust the **APEX Advantage** for Improving Indoor Air Quality

Focus on Sustainability and Product Transparency

Our parent company, Len-Tex Corporation, is dedicated to producing wallcoverings that promote healthier indoor air quality (IAQ). All components of the wallcoverings they manufacture are **100% Made in the U.S.A.**



Clean Vinyl Technology™ (CVT) Wallcoverings pass the rigorous standards of the SCS Global Services Indoor Advantage Gold certification. SCS certification is in compliance with CDPH/EHLB Standard Method v1.1 and conforms to California Specification 01350 to identify VOC emissions from interior products and finishes. Len-Tex CVT Wallcoverings earned a “Pass” rating for school, office, and residential scenarios, as well as being BREEAM compliant.

In addition, Clean Vinyl Technology™ Wallcoverings meet the stringent EU standard EN 15102 for Decorative Wallcoverings and comply with the new 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 | Clean Vinyl Technology Component | References |
|---|---------------------------------------|---|--|--|
| Phthalates | 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 | https://www.epa.gov/sites/production/files/2015-25/documents/biomonitoring-phthalates.pdf 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.epa.gov/assessing-and-managing-chemicals-under-tsca/phthalates http://www.eastman.com/Literature_Center/Internal/L243.pdf |
| Barium | Film Stabilizer | May cause gastrointestinal problems and muscle weakness | Calcium | https://www.atsdr.cdc.gov/toxfaqs/tf.asp?id=326&tid=57 http://www.pvc.org/en/p/calcium-zinc-stabilisers |
| Antimony | Film Fire Retardant | Carcinogen under CA Prop 65; linked to skin and eye irritation; Inflammation of the lungs bronchitis, emphysema | Aluminium trihydrate (ATH) | http://oehha.ca.gov/proposition-65/proposition-65-list https://www.epa.gov/sites/production/files/2016-09/documents/antimony-compounds.pdf |
| Arsenic | Biocide/Anti-microbial | Recognized Carcinogen and Development Toxicant (CA-P65) linked to cancer, gastrointestinal effects, nervous system disorders and skin irritations | UltraFresh® | https://www.epa.gov/sites/production/files/2014-03/documents/arsenic_factsheet_cdc_2013.pdf http://www.ultra-fresh.com/ultra-fresh/ |
| Formaldehyde | 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 | http://www.healthybuilding.net/uploads/files/formaldehyde-found-in-building-materials.pdf https://www.epa.gov/formaldehyde https://www.scsglobalservices.com/files/standards/IAQ_GUI_F-Free_V1-0_011510.pdf |
| Phenol (Volatile Organic Compound) | Film Stabilizer | May cause irritation to the skin, eyes and mucous membranes | Ultra-low-emitting stabilizer system | https://www.epa.gov/sites/production/files/2016-09/documents/phenol.pdf http://berkeleyanalytical.com/lab-services/voc-emissions-testing http://www.chps.net/dev/Drupal/node/445 |

