

Labeling of Hazardous Art Materials Act (LHAMA)

Intertek's board-certified toxicologists provide LHAMA evaluations in compliance with ASTM D-4236 for a wide range of art materials marketed in the United States.



Background

The Labeling of Hazardous Art Materials Act (LHAMA) requires that art materials be evaluated for the potential to cause chronic hazards to the consumer and suitable warning statements must be included on the label to conform to the American Society for Testing and Materials (ASTM) designated D-4236. The reviewed materials can be labeled with "Conforms to ASTM D-4236".

Intertek's board-certified toxicologists review the products and specify the appropriate Chronic Hazard Statements, as needed. Intertek can also suggest other labeling phrases, warnings and warning symbols that may be necessary on the package of the product other than LHAMA requirements (e.g. California Proposition 65).

Our LHAMA services

- **Evaluation of the chronic toxicity of the individual chemical ingredients of the formulation used to manufacture the product:**
 - Each ingredient is assessed for its chronic hazard potential including carcinogenicity, neurotoxicity, reproductive and developmental toxicity, sensitization, and general organ and tissue toxicities in relation to the potential for consumer exposure to the chemical
 - Potential for synergistic or unpredictable adverse effects from the combination of ingredients is considered
- **Exposure Considerations:**
 - Oral, dermal, inhalation, eye contact exposures, as applicable

- Characteristics of the product such as physical form, size/volume, and accessibility
- Intended use and age of user
- Normal use and reasonably foreseeable misuse
- **All art material formulations are reviewed by experts certified by the American Board of Toxicology**
- **CPSC labeling requirements (16 CFR §1500.14; 57 FR 46626)**
- **ASTM D-4236 (LHAMA certification)**

Products requiring LHAMA certification:

Art materials including but not limited to:

- Crayons
- Paint
- Inks (marker, pen, highlighter)
- Chalk
- Watercolor disks
- Colored pencils
- Clays
- Ceramics
- Adhesives and glue

About us

For over 10 years, our team of American Board Certified (D.A.B.T.) Toxicologists have been completing LHAMA evaluations for a wide range of art materials. Our board certified toxicologists are also Eurotox Registered Toxicologists (E.R.T.). Our team of industry leading technical, toxicological and chemical support staff assist with project coordination, report preparation, and

researching safety data pertaining to the hazards of art material ingredients. All LHAMA evaluations are conducted onsite at our North American office and we take pride in our customer communication throughout the evaluation process. We also work closely with clients to ensure the accuracy of the product formulation and can act as a third party to obtain proprietary formulation information to conduct the most accurate LHAMA evaluations.


The Intertek advantage

Intertek is a leading Total Quality Assurance provider to industries worldwide. Our network of more than 1,000 laboratories and offices in more than 100 countries, delivers innovative and bespoke Assurance, Testing, Inspection and Certification solutions for our customers' operations and supply chains. Intertek Total Quality Assurance expertise, delivered consistently with precision, pace and passion, enabling our customers to power ahead safely.

Total Quality. Assured.

For more information

 assuris@intertek.com

 intertek.com/assuris/consumer-goods/safety/lhama/