

# FULL SPECTRUM SAFETY & QUALITY SERVICES FOR ART MATERIALS



## SINGLE SOURCE SOLUTION FOR THE ART MATERIALS INDUSTRY

Art plays a role in enriching the lives of people of all ages. It serves as a creative outlet for children, inspiration for adults and a means of escape from the everyday. With a medium that touches so many, it's important to ensure that art materials not only perform well, but that they will not be harmful to consumers.

Paints and pigments can include toxic elements that may be harmful to children and adults, materials can also contain chemicals that would be harmful to the environment after disposal.

SGS provides a single source solution for the art materials industry with testing capabilities for regulatory compliance as well as necessary performance standards.

## REGULATORY STANDARDS

SGS has a global network of laboratories and technical experts that stay abreast of regulatory developments in the U.S. and around the world providing the knowledge and capabilities needed to ensure your product's compliance.

### U.S. REGULATIONS

- Consumer Product Safety Improvement Act (CPSIA)
- California Proposition 65
- Labeling of Hazardous Art Materials Act (LHAMA)
- Toxics in Packaging Clearinghouse (TPCH) - formerly CONEG
- Technical Association of the Pulp and Paper Industry (TAPPI)
- International Safe Transit Association (ISTA)
- American Society for Testing and Materials (ASTM)

### EUROPEAN REGULATIONS

- Restriction of Hazardous Substances (RoHS)
- Registration, Evaluation and Authorization of Chemicals (REACH)

## SGS COMPETITIVE ADVANTAGES

SGS is the world's leading inspection, verification, testing, and certification company. Armed with strong expertise in the art materials industry worldwide, SGS offers a wide range of services to help manufacturers, importers and retailers know the applicable requirements, validate their product's safety, quality and performance and protect their brand.

Our extensive global network of state of the art testing laboratories and technical experts offer superior service capabilities at points of manufacture and distribution providing faster project completion.

SGS also works with brands, retailers and importers across multiple product sectors to provide solutions for achieving regulatory compliance, as well as work with their supply chain through education, consulting and factory audit programs



# SAFETY, QUALITY, COMPLIANCE . . . PROVE IT!

## PRODUCTS TESTED

SGS laboratories are equipped to perform physical and chemical testing on many art materials. Services can be obtained individually or combined according to your needs.

### PAPER AND MATERIAL PRODUCTS

- Primary and Transit Packaging
- Books and Bindings
- Paint Containers
- Craft Paper
- Canvas

### ART MATERIALS

- Oil Based Paints
- Acrylic Paints
- Water Colors
- Face Paint
- Markers
- Crayons
- Chalk
- Pens
- Clay



## ENSURING QUALITY

The properties you require in an art product can vary greatly based on its intended application. SGS can evaluate the performance of a full range of art products under different environmental and physical conditions.

### PAPER EVALUATIONS

- Whiteness/Brightness
- Coefficient of Friction
- Moisture Content
- Tensile Strength
- Tear Resistance
- Ink Adhesion
- Basis Weight
- Thickness
- Abrasion
- Stiffness
- Opacity
- Curl

### BOOK PERFORMANCE TESTING

- Tumble Test (for spine strength)
- Cover Flex
- Page Flex
- Page Pull

### PACKAGING PERFORMANCE TESTING

- Puncture Test
- Vibration Test
- Crush Test
- Drop Test
- Curl Test

### ART MATERIALS EVALUATIONS

- Restricted Substances and Toxicity
- Environmental Conditioning
- Asbestos in Crayons
- LHAMA Evaluation
- Write out Testing
- Leakage Testing
- Phthalates

### PAINT TESTING

- Color matching between batches
- Heavy Metals Analysis
- Leakage Tests

## ENSURING SAFETY

There is growing consumer concern as well as regulatory activity surrounding the issue of chemicals used in consumer products. Local, national and international legislation has addressed matters related to the effects of these elements on people as well as the environment. This has led to mandatory chemistry testing in most consumer products.

SGS has extensive chemistry capabilities in labs accredited for standards such as ISTA and CPSIA.

We can help ensure that your products are compliant avoiding costly recalls and damage to your brand.

### CHILDREN'S PRODUCTS

Few industries are as closely scrutinized as children's products. Regulations such as CPSIA, California Prop 65, RoHS and REACH have mandated retailers, manufacturers and importers follow stringent guidelines regarding the use of restricted substances such as lead and cadmium, in their products.

### PACKAGING AND PAPER PRODUCTS

The Toxics in Packaging Clearinghouse (TPCH) was developed to reduce the amount of heavy metals in packaging and packaging components such as paint cans. The goal is to reduce the amount of hazardous substances in the waste stream. This legislation is currently adopted in nineteen U.S. states.

## CONTACT US

To learn more about SGS's full range on product and supply chain solutions for the art materials industry:

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