

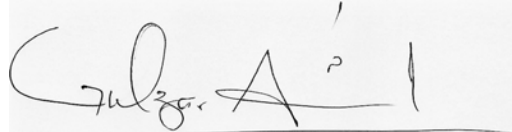
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Date: May 5, 2017

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**TOXICOLOGICAL RISK ASSESSMENT (TRA) &  
LHAMA REVIEW (ASTM D-4236)**

**Client:** M/s Suzhou MingJia Culture and Art Development Co., Ltd.  
Building No. 15 Li Gongdi Project IV,  
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Suzhou, Jiangsu Province, PR China.  
Attention: Ms. Cecilia LIANG



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Past/present memberships; ASTM, CTFA. ICMAD.  
NAMTA. CHA. NSSEA.



**Director:** Dr. Dildar Ahmad, M.D., ERT.

**Product:** **YiCai Standard & Normal Sanded Pastel Paper (18  
Inches X 24 Inches, 127 grams/Pastel Paper). 6 Pastel  
Paper per consumer package.**

**Intended use:** Creation of art.

**Introduction**

The formulation of the “**YiCai Standard & Normal Sanded Pastel Paper**” referenced above, was submitted to InfoTox International, Inc. (InfoTox) on May 1, 2017, for the Toxicological Risk Assessment (TRA) and LHAMA review. The Toxicological Risk Assessment (TRA) and LHAMA review was conducted

according to the US Consumer Product Safety Commission's (CPSC) Regulation in 16 CFR 1500.3 for "**Acute Toxicity**", and according to 16 CFR 1500.14(b) 8 {Labeling of the Hazardous Art Materials Act (LHAMA)} for "**Chronic Toxicity**". The LHAMA reviews are conducted by using the criteria outlined in ASTM D-4236.

The following Toxicological Risk Assessment (TRA) and LHAMA review are based on the general principals of toxicology which take into account, the available toxicological literature, anticipated exposures to users, the total quantity of the "**YiCai Standard & Normal Sanded Pastel Paper**" per consumer package (762 grams), the composition of the "**YiCai Standard & Normal Sanded Pastel Paper**" and the intended and foreseeable conditions of use. The final conclusion is made on the basis of Consumer Product Safety Commission's Regulations, referenced above, by using professional judgment.

While conducting this Toxicological Risk Assessment and LHAMA review the InfoTox utilized its best professional capability and resources available to it at the time of this assessment. Therefore, if the client wishes to use this opinion, InfoTox, any of its employees, and/or owners including the **US Board Certified Toxicologist**, will not be held liable for any injury, and/or damage resulting from the use of this product, due to misinformation.

This Toxicological Risk Assessment (TRA) and LHAMA review is required to be updated every five years or upon any change in the formulations or knowledge of new significant Toxicological information. Moreover, in the event of any additional guidance, and/or recommendation from the CPSC, the client shall have to comply with that guidance in all respects.

### **Regulatory Background**

No information could be found to suggest that any of the chemicals used in the "**YiCai Standard & Normal Sanded Pastel Paper**" are prohibited or banned by the CPSC for such an application.

### **Toxicological Assessment**

Oral Toxicity {FHSA Act {16 CFR 1500.3(c)(2) (i)(A)}.

The LD50 (oral, rat) of the "**YiCai Standard & Normal Sanded Pastel Paper**" material is estimated to be >5000 mg/kg body weight. As such, the material can be considered as **practically non-toxic**, through ingestion (Hodge and Sterner Scale).

*Skin Irritation {FHSA at 16 CFR 1500.3(c)(4)}*

Based on the Toxicological Review of the ingredients used in the formulation of the “**YiCai Standard & Normal Sanded Pastel Paper**” **no** skin irritation of any significance is expected among the general consumer population, when used as intended.

*Eye Irritation {FHSA at 16 CFR 1500.3(c)(4)}*

Based on the Toxicological Review of the ingredients used in the formulation of the “**YiCai Standard & Normal Sanded Pastel Paper**” **no** eye irritation of any significance is expected among the general consumer population, when used as intended. However, direct contact with the particles/dust (hand-to-eye contact) may cause eye irritation.

*Respiratory Effects {FHSA at 16 CFR 1500.3(c)(4)}*

Based on the Toxicological Review of the ingredients used in the formulation of the “**YiCai Standard & Normal Sanded Pastel Paper**” **no** Respiratory Tract irritation of any significance is expected among the general consumer population, when used as intended.

*Corrosion {FHSA 16 CFR 1500.3 (b)(7)}*

None of the ingredients used in the formulation is found to be corrosive in nature.

*Sensitization {FHSA at 16 CFR-1500.3(c)(5)}*

None of the ingredients used in the formulation is found to be strong sensitization.

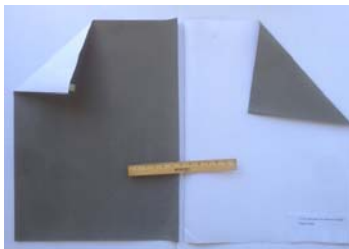
*Chronic Toxicity {FHSA 16 CFR 1500.14(b) 8} (ASTM D-4236)(LHAMA)*

The “**YiCai Standard & Normal Sanded Pastel Papers**” do not contain any material in quantity sufficient enough to cause chronic toxicity among users, when used as intended.

**Summary of the Toxicological Review (TRA) and LHAMA Review;**

The following toxicities are anticipated among the general consumer population when the “**YiCai Standard & Normal Sanded Pastel Paper**” (referenced above) is used as intended.

Oral Toxicity (16 CFR 1500.3(c)(2) (i)(A):	Not Expected
Eye Irritation (16 CFR 1500.3(c)(4)	Not Expected
Skin Irritation (16 CFR 1500.3(c)(4)	Not Expected
Respiratory Irritation (16 CFR 1500.3(c)(4)	Not Expected
Allergic reaction (16 CFR-1500.3(c)(5)	Not Expected
Corrosion per 16CFR 1500.3 (b)(7)	Not Expected
Chronic Toxicity {FHSA 16 CFR 1500.14(b) 8}	Not Expected



Front and back sides of the YiCai Standard & Normal Sanded Pastel Paper

## **CONCLUSION OF TRA & LHAMA (ASTM D-4236) REVIEW.**

### **1. LHAMA Review (ASTM D-4236)**

The “**YiCai Standard & Normal Sanded Pastel Paper**”, referenced above, does not contain any material in quality sufficient enough to cause Chronic toxicity among users when used as intended. Consequently the product conforms to the health requirements of ASTM D-4236, and can be labeled as “**Conforms to ASTM D-4236**”.

### **2. Toxicological Risk Assessment (TRA)**

Based on the Toxicological Review it is determined that **no** “Acute” toxicity of any significance is anticipated among general consumer population when the “**YiCai Standard & Normal Sanded Pastel Paper**” is used as intended. Consequently the product can be considered as “**Reasonably Safe**” for its intended use. However, it is advised that the users avoid contact with eyes and wash hands after use.

The client is authorized to use the seal of “Approval” on the product package.



**End of the Report**

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