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AMPERSAND ART SUPPLY

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**Material Safety Data Sheet 9-09-04 ✓**

**Claybord Inks**

14940-XXXX

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910, 1200. Standard must be consulted for specific requirements.

<b>IDENTITY (as used on Label and List)</b> CLAYBORD INKS	Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.
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**Section I**

<b>Manufacturer's Name</b> KOH-I-NOOR Inc. & Ampersand Art Supply	<b>Emergency Telephone Numbers</b> 512-322-0278 or 908-479-4124	
<b>Address (Number, Street, City, State, Zip Code)</b> 1500 E. 4th St. Austin, TX 78702	<b>Telephone Number for Information</b> 512-322-0278	
	<b>Date Prepared</b> 4/15/03	<b>Date Superseded</b> 5/21/99

**Section II - Hazardous Ingredients/Identity Information**

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	%
Ethylene Glycol Monbutyl Ether; CAS#111-76-2 This chemical is subject to the reporting requirements of Section 313 of SARA Title III	25 ppm SKIN	25 ppm SKIN	1.5-1.7

**Non-Hazardous Components:**

Organic Pigments	1.25 - 7.5
Styrene - Acrylic Copolymer	7.5 - 8.5
Water	90 - 95
Other components below 1% include surfactants, ammonium hydroxide, 1,2-benzisothiazolin-3-one	

**Additional Information**

- These products are considered non-toxic to ASTM D-4236
- All known components are listed in TSCA Inventory
- Information collected from other sources is considered accurate
- 5 colors - sepia, light green, carmine red, ultramarine blue, yellow, and black

**Section III- Physical/Chemical Characteristics**

<b>Boiling Point</b>	Similar to Water	<b>Specific Gravity (H<sub>2</sub>O - 1)</b>	1.02 - 1.05
<b>Vapor Pressure (mm Hg.)</b>	Similar to Water	<b>Melting Point</b>	30
<b>Vapor Density (AIR-1)</b>	Similar to Water	<b>Evaporation Rate</b>	Similar to Water
<b>Solubility in Water</b>	Completely Miscible		
<b>Appearance and Odor</b>	Free flowing liquid, mild odor		

**Section IV- Fire and Explosive Hazard Data**

<b>Flash Point (Method Used)</b>	> 170° (closed cup)	<b>Flammable Limits</b>	LEL	N.A.	UEL	N.A.
<b>Extinguishing Media</b>	N.A.					
<b>Special Fire Fighting Procedures</b>	N.A.					
<b>Unusual Fire and Explosion Hazards</b>	N.A.					

**Section V- Reactivity Data**

<b>Stability</b>	Unstable	<b>Conditions to Avoid</b>
	Stable X	
<b>Incompatibility (Materials to Avoid)</b>	NONE	
<b>Hazardous Decomposition or Byproducts</b>	May release oxides of carbon and nitrogen if burned	
<b>Hazardous Polymerization</b>	May Occur	<b>Conditions to Avoid</b>
	Will Not Occur X	

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## Claybord Inks - MSDS Sheet

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**Section VI - Health Hazard Data**

<b>Route(s) of Entry:</b>	Inhalation	Skin	X	Ingestion
<b>Health Hazards (Acute and Chronic)</b>	Contact with eyes may cause burning and/or irritation, prolonged contact with skin may cause irritation.			
<b>Carcinogenicity:</b>	NTP?	None	IARC Monographs?	None OSHA Regulated? None
<b>Signs and Symptoms of Exposure</b>	Redness of eye and skin			
<b>Medical Conditions Generally Aggravated by Exposure</b>	None Expected			
<b>Emergency and First Aid Procedures</b>	EYES - irrigate with water for 15 minutes, call physician INGESTION - drink 1 - 2 glasses of water, call physician SKIN - wash with soap and water			

**Section VII - Precautions for Safe Handling and USE**

<b>Steps to Be Taken in Case Material is Released or Spilled</b>	Contain and clean spill
<b>Waste Disposal Method</b>	Bury, incinerate, or flush to sewer in accordance with any applicable federal, state, or local laws
<b>Precautions to Be Taken in Handling and Storage</b>	Avoid contact with eyes, avoid extreme temperatures
<b>Other Precautions</b>	Best if kept from freeezing

**Section VIII- Control Measures**

<b>Respiratory Protection (Specify Type)</b>	No special protection recommended unless product is sprayed or misted.			
<b>Ventilation</b>	Local Exhaust Mechanical (General)	If sprayed or misted Sufficient	Special Other	Appropriate mask if eprayed or misted
<b>Protective Gloves</b>	Not necessary in normal use		<b>Eye protection</b>	Safety glasses recommend if sprayed, misted, or product likely to splash.
<b>Other Protective Clothing or Equipment</b>	None			
<b>Work/Hygenic Practices</b>	Wash hands before eating, smoking, or using toilet facilities			
NA - Not applicable	ND - not determined			

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**GAD CONSULTING SERVICES**

Shayne C. Gad, Ph.D., DABT, Principal

December 2, 1994

Mr. Scott Bryant  
Vice President of Operations  
Ampersand Art Supply  
1500 East 4th Street  
Austin, Texas 78702

Dear Mr. Bryant,

As per your request of November 22, I have reviewed the available toxicologic data (including the Material Safety Data Sheets you supplied, the references in my personal library, and that data available on the major online databases) on the components materials comprising Claybord, Claybord-textured and Gessibord.

The materials evaluated were :

*Materials patent pending*

I also reviewed the supplied information on both formulation and use of these materials.

The information reviewed and evaluated indicates that exposure to these products will not represent a chronic health hazard when used in the intended manner with reasonable care.

As a board certified toxicologist, I certify that Claybord, Claybord-textured and Gessobord, manufactured by Ampersand Art Supply, complies with ASTM standard D-4236-88, as incorporated into regulation and contained in CFR 1500.14, for the Labeling of Art Materials for Chronic Health Hazards. The product may, accordingly, be labeled as follows:

**CONFORMS TO ASTM PRACTICE D-4236**

This certification is based on the product and material as described to me in the information provided, as remains applicable only as long as those formulations remain unchanged.

Sincerely,

*Shayne C. Gad*  
Shayne C. Gad, Ph.D., DABT

1818 White Oak Road, Raleigh, North Carolina 27608 Phone 919-836-1674 FAX 832-5877