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## § 5 - FIRE AND EXPLOSION HAZARD DATA

Flash Point : Unidentified (Some colors are pointed as combustible, cf. appendix)  
 Extinguishing Media : N/A (self-extinguishable)  
 Unusual Fire and Explosion Hazards : Don't correspond to combustible under normal condition.  
 Material will not support combustion unless the water has evaporated.

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## § 6 - ACCIDENTAL RELEASE MEASURES

Step to Be Taken in Case Material Is Released or Spilled : Clean up immediately

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## § 7 - HANDLING AND STORAGE

Precautions to Be Taken : Avoid prolonged or repeated contact with skin and eyes.

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## § 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Avoid inhaling aerosols.

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## § 9 - PHYSICAL / CHEMICAL CHARACTERISTICS

Appearance : Translucent or opaque colored liquid  
 Odor : Own smell  
 Specific Gravity (H<sub>2</sub>O = 1) : ca. 1.0  
 Boiling Point : Approx. 100 ° C (212F degrees)  
 Vapor Density (Air = 1) : -  
 Solubility in Water : ∞

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## § 10 - HAZARD INFORMATION AND STABILITY

Stability : Stable under normal state  
 Byproducts : Carbon dioxide and water, nitrogen oxide in case of fire.  
 Incompatibility (Materials to Avoid) : None  
 Hazardous Decomposition or Byproducts : No thermal decomposition when stored and handled correctly.

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## § 11 - TOXICOLOGICAL INFORMATION

Primary Routes of Entry : Dermal, eye contact, inhalation, swallowing  
 Oral Toxicity (LD<sub>50</sub>) : Toxicity of Drawing Ink itself is not confirmed.  
 Although high density vapor of some raw materials irritates eye or respiratory organ, and may induce dizziness or headache, the action by Drawing Ink itself is not confirmed.  
 Some ingredients are pointed as injurious to human. (cf. Appendix)

Basic Red 1 :	Acute toxicity :	Category 4
		May cause cancer according to animal studies
Basic Red 23 :	Acute toxicity :	Category 4
	Eye Effects :	Category 2 (Irritant)
Basic Blue 7 :	Acute toxicity :	Category 3 (Toxic if swallowed)
Basic Violet 3 :	Acute toxicity :	Category 4
	Carcinogenicity :	Category 2 (Suspected carcinogen)
Basic Violet 10 :	= Rhodmine B	
	Acute toxicity :	Category 4

Skin irritation : Slightly hazardous. Irritant to the skin mucous membrane.  
 Prolonged or repeated contact may irritate to skin and may cause inflammation.  
 Eye irritation : Although irritant to the eye mucous membrane, do not harm

Carcinogenicity : No data available.

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§ 12 - ECOLOGICAL INFORMATION

No specific data is available

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§ 13 - DISPOSAL CONSIDERATIONS

Pour in a bag filled with rags or paper. After dried, treat as flammable waste.

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§ 14 - TRANSPORT INFORMATION

Hazard Class : Non-regulated  
UN number : N/A

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§ 15 - REGULATORY INFORMATION

Conforms to ACMI, Art & Creative Materials Institute, under ASTM D 4236

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§ 16 - OTHER INFORMATION

Notice: The information of this sheet is based on the present state of our knowledge and does not therefore guarantee certain properties. The classifications of AP and CL about 17 colors are under the reference by ACMI, 2012-11-4.

## APPENDIX

Table COLOR INFORMATION

AP (Approved Product) : Contain no materials in sufficient quantities to be toxic or injurious to humans.  
 CL (Cautionary Label) : Any known health risks and with information on the safe and proper use of these materials  
 Combustibility : Although been pointed by ACMI, these products don't perform flammability under normal condition. Material will not support combustion.

Name	Colorant	Hazardous information	
Bamboo Green	Dye		AP
Black	Pigment	Combustibility	CL
Blue Violet	Dye	Basic Violet 3	CL
Burnt Sienna	Dye	Basic Red 23	CL
Carmine	Dye	Basic Violet 10, Combustibility	CL
Cherry Red	Dye	Basic Red 23	CL
Cobalt Blue	Dye	Basic Blue 7	CL
Emerald Green	Dye		AP
Grey	Dye	Pigment	AP
Lemon Yellow	Dye	Combustibility	CL
Linden Green	Dye		AP
May Green	Dye		AP
Mexican Yellow	Dye		AP
Moss Green	Dye	Basic Blue 7	CL
Orange	Dye		AP
Prussian Blue	Dye	Basic Blue 7	CL
Red Violet	Dye	Basic Violet 10, Combustibility	CL
Scarlet	Dye	Basic Red 1	CL
Sepia	Dye	Pigment	AP
Sienna	Dye		AP
Special Black	Pigment	Combustibility	CL
Special Blue	Pigment	Combustibility	CL
Special Brown	Pigment	Combustibility	CL
Special Green	Pigment	Combustibility	CL
Special Red	Pigment	Combustibility	CL
Special Violet	Pigment	Combustibility	CL
Special Yellow	Pigment	Combustibility	CL
Terra Cotta	Dye		AP
Turquoise Blue	Dye		CL
Ultramarine Blue	Dye	Basic Blue 7	CL
Vermilion	Dye	Basic Red 1	CL
Violet	Dye	Combustibility	CL
White	Pigment	Combustibility	CL
Wine Red	Dye	Basic Red 23	CL
Yellow	Dye		AP