

MATERIAL SAFETY DATA SHEET

Distributor:
General Binding Corporation
P.O. Box 840
Booneville, MS 38829

Emergency Tel. No.
662-720-1300

Revision: Aug. 2005

Section I - Product Identification

Trade Names/Synonyms:
Quartet Enduraglide Dry Erase Markers

Part Nos.: 5001M, 5001-1M, 5001-10M,
5001-12M, 5001-2M, 8401799

Section II - Hazardous Ingredients

None.

Section III - Physical/Chemical Characteristics

Boiling Point: N/A

Melting Point: N/A

Solubility in Water: N/A

Specific Gravity (H₂O=1): N/A

Vapor Pressure (mmHg): N/A

Reactivity In Water: Non-Reactive

Appearance:

Black, Blue, Green and Red Dry Erase Markers

Section IV - Fire and Explosion Hazard Data

Flash Point: N/A

Auto Ignition: N/A

Explosion Limits In Air (% by Volume) : Not Explosive

Extinguishing Media: No Special Media Required.

Special Fire Fighting Procedures: No Special Fire Fighting Procedures Required

Unusual Fire & Explosion Hazards: Combustible

Section V – Physical Hazards/Reactivity

Hazardous Polymerization Products: None
Stability: Stable materials to avoid: None
Incompatibility [Materials to avoid]: None
Hazardous Decomposition Products: None

Section VI – Health Hazard Data

Permissible Exposure Level: See Section II for Component PEL/TLVs.
Primary Routes Of Entry: Eye, Skin, and Ingestion
Effects and Systems of Acute Exposure: None Expected
Effects and Systems of Chronic Exposure: None Expected
Carcinogen Listing: NTP: No IARC: No OSHA: No
See Section II For Components Affected
Medical Conditions Usually Aggravated By Over Exposure To This Product: None
First Aid Measures: None Required
No Acute Health Effects Expected.

Section VII – Spill and Leak Procedures

Precautions To Be Taken During Storage And Handling: Not for use by children.
Steps To Be Taken In Case A Material Is Spilled: No Special Spill Procedures Required.
Waste Disposal Method: Disposal In Accordance With Federal, State and Local Regulations.

Section VIII – Protective Equipment/Control Measures

None Required

Section IX – Additional Information And Warnings

Products bearing the CP or AP Certified Products Seal of the Art & Creative Materials Institute are certified in a program of toxicological evaluation by a nationally recognized authority on toxicology associated with leading university to contain no materials in sufficient quantities to be toxic or injurious to humans or to cause acute or chronic health problems. 24 hour emergency information may be obtained by calling the Rocky Mountain Poison Control Center @ 303/739-1110.

This Information Sheet Is For Consumer Use Only.

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Material Safety Data Sheet

May be used to comply with
 OSHA's Hazard Communication Standard,
 29 CFR 1910.1200. Standard must be
 consulted for specific requirements.

U.S. Department of Labor
 Occupational Safety and Health Administration
 (Non-Mandatory Form)
 Form Approved
 OMB No. 1218-0072

IDENTITY(As Used on Label and List)

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.

Section I

Manufacture's Name TAISEI CO., LTD.	Emergency Telephone Number (81) 48-996-9503
Address(Number, Street, City, State, and ZIP Code) 986-1, 2-CHOME, YASHIO CITY, SAITAMA PREF. 340-0811, JAPAN	Telephone Number for Information (81) 48-996-9503
Chemical Name Water White Ink	Date Prepared 2007/12/19
Chemical Family Water based pigment Ink	Trade Name

Section II Hazardous Ingredients/Identity Information

Hazardous Components	CAS. No.	OSHA PEL	ACGIH(TWA) ppm	Other limits LD ₅₀ mg/kg	% (optional)
Ethylene glycol	107-21-1		50	5.500 Mouse	6.10
1,2-Benzisothiazolin-3-one	2634-33-5				0.20
Sodium Laureth Carboxylate	33939-64-9				0.12
Polyoxyethylene Alkyl ether	71060-57-8				0.20
Polyacrylicacid Copolymer	25113-97-5				2.35
Sodium Polyacrylate	9003-04-7				0.29
Pigment White 6	13463-67-7				21.35
Water	7732-18-50				69.39

Section III Physical/Chemical Characteristics

Boiling Point 100-110°C	Specific Gravity(H ₂ O=1) 1.34	Auto-ignition temp. n.d.
Vapor Pressure(mm Hg.)(20°C) n.d.	Melting Point <°C	pH in concentrate 8.0~9.2
Vapor Density(AIR=1) n.d.	Evaporation Rate (Butyl Acetate=1) <1	

Solubility in Water Soluble

Appearance and Odor White color Liquid and Slight odor

section IV Fire and Explosion Hazard Data

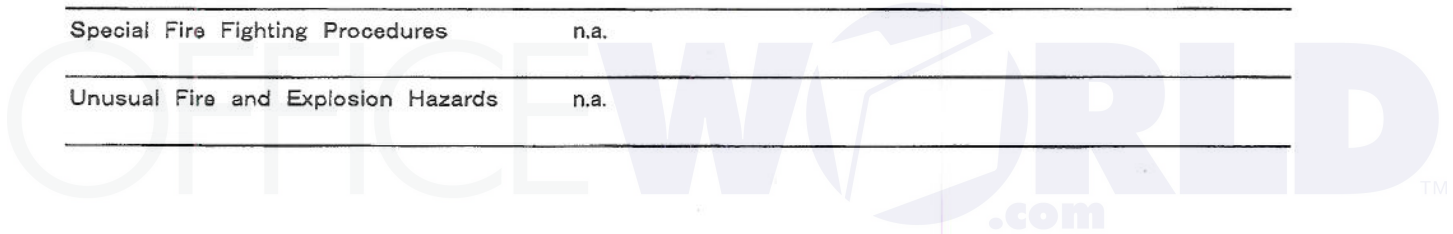
Flash Point(Method Used) (Closed Cap) n.d.	Flammable Limits(Vol.%)	LEL	UEL
		-	-

Extinguishing Media CO₂ gas or Chemical Form

Special Fire Fighting Procedures n.a.

Unusual Fire and Explosion Hazards n.a.

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Chemical Name Water Blue Ink	Date Prepared 2007/12/19
Chemical Family Water based pigment Ink	Trade Name

Section II Hazardous Ingredients/Identity Information

Hazardous Components	CAS. No.	OSHA PEL	ACGIH(TWA) ppm	Other limits LD ₅₀ mg/kg	% (optional)
1,2-Benzisothiazolin-3-one	2634-33-5				0.10
Polyoxyethylene Alkyl ether	71060-57-6				0.20
Polyether modified dimethylpolysioxane					1.20
Sodium Laureth Carboxylate	33939-64-9				0.24
Stylene Acrylonitrile Copolymer	9003-54-7				40.67
Pigment Blue 15	147-14-8				0.83
Water	7732-18-50				55.82

Section III Physical/Chemical Characteristics

Boiling Point 100-110°C	Specific Gravity (H ₂ O=1) 1.06	Auto-ignition temp. n.d.
Vapor Pressure (mm Hg.) (20°C) n.d.	Melting Point <°C	pH in concentrate 6.5-7.5
Vapor Density (AIR=1) n.d.	Evaporation Rate (Butyl Acetate=1) <1	

Solubility in Water Soluble

Appearance and Odor Blue color Liquid and Slight odor

Section IV Fire and Explosion Hazard Data

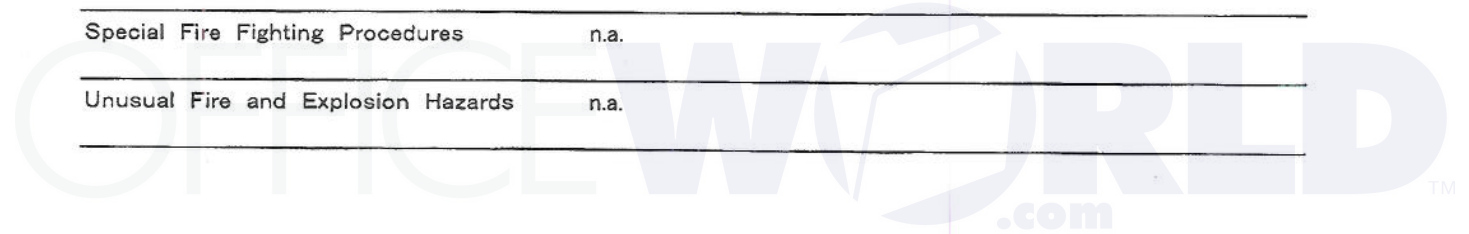
Flash Point (Method Used) (Closed Cap) n.d.	Flammable Limits (Vol.%)	LEL	UEL
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Chemical Name Water Green Ink	Date Prepared 2007/12/19
Chemical Family Water based pigment Ink	Trade Name

Section II Hazardous Ingredients/Identity Information

Hazardous Components	CAS. No.	OSHA PEL	ACGIH(TWA) ppm	Other limits LD ₅₀ mg/kg	% (optional)
1,2-Benzisothiazolin-3-one	2634-33-5				0.10
Polyoxyethylene Alkyl ether	71060-57-6				0.20
Polyether modified dimethylpolysioxane					1.20
Sodium Laureth Carboxylate	33939-64-9				0.24
Styrene Acrylonitrile Copolymer	9003-54-7				40.67
Pigment Green 7	1328-53-6				0.33
Basic Yellow 40	12221-86-2				2.08
Water	7732-18-50				54.24

Section III Physical/Chemical Characteristics

Boiling Point 100-110°C	Specific Gravity (H ₂ O=1) 1.06	Auto-ignition temp. n.d.
Vapor Pressure (mm Hg.) (20°C) n.d.	Melting Point <°C	pH in concentrate 6.5-7.5
Vapor Density (AIR=1) n.d.	Evaporation Rate (Butyl Acetate=1) <1	

Solubility in Water Soluble

Appearance and Odor Green color Liquid and Slight odor

Section IV Fire and Explosion Hazard Data

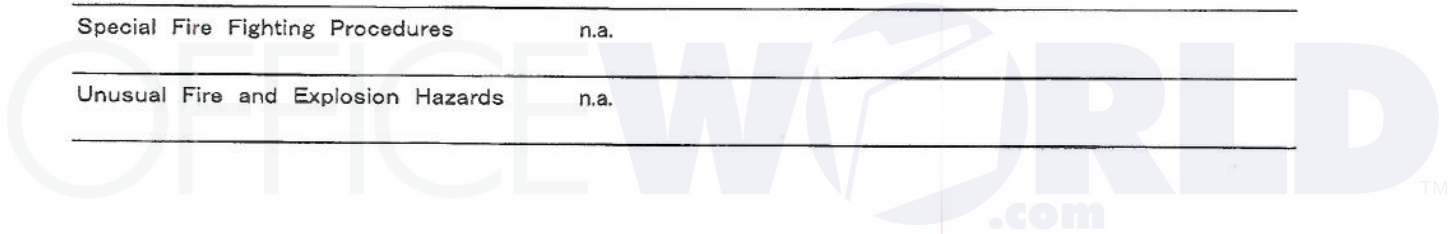
Flash Point (Method Used) (Closed Cap) n.d.	Flammable Limits (Vol.%)	LEL	UEL
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Chemical Name Water Pink Ink	Date Prepared 2007/12/19
Chemical Family Water based pigment Ink	Trade Name

Section II Hazardous Ingredients/Identity Information

Hazardous Components	CAS. No.	OSHA PEL	ACGIH(TWA) ppm	Other limits LD ₅₀ mg/kg	% (optional)
1,2-Benzisothiazolin-3-one	2634-33-5				0.10
Polyoxyethylene Alkyl ether	71060-57-6				0.20
Polyether modified dimethylpolysioxane					1.20
Sodium Laureth Carboxylate	33939-64-9				0.24
Stylene Acrylonitrile Copolymer	9003-54-7				40.67
Basic Red 1;1	3068-39-1				0.83
Basic Violet 11	2390-63-8				1.25
Water	7732-18-50				54.57

Section III Physical/Chemical Characteristics

Boiling Point 100-110°C	Specific Gravity (H ₂ O=1) 1.06	Auto-ignition temp. n.d.
Vapor Pressure (mm Hg. X20°C) n.d.	Melting Point <°C	pH in concentrate 6.5-7.5
Vapor Density (AIR=1) n.d.	Evaporation Rate (Butyl Acetate=1) <1	

Solubility in Water Soluble

Appearance and Odor Pink color Liquid and Slight odor

Section IV Fire and Explosion Hazard Data

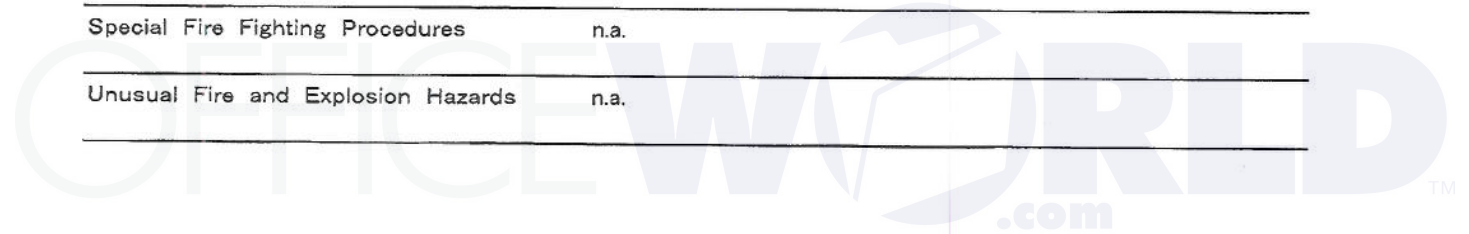
Flash Point (Method Used) (Closed Cap) n.d.	Flammable Limits (Vol.%)	LEL	UEL
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Extinguishing Media CO₂ gas or Chemical Form

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Chemical Name Water Yellow Ink	Date Prepared 2007/12/19
Chemical Family Water based pigment Ink	Trade Name

Section II Hazardous Ingredients/Identity Information

Hazardous Components	CAS. No.	OSHA PEL	ACGIH(TWA) ppm	Other limits LD ₅₀ mg/kg	% (optional)
1,2-Benzisothiazolin-3-one	2634-33-5				0.10
Polyoxyethylene Alkyl ether	71060-57-6				0.20
Polyether modified dimethylpolysioxane					1.20
Sodium Laureth Carboxylate	33939-64-9				0.24
Stylene Acrylonitrile Copolymer	9003-54-7				40.67
Basic Yellow 40	12221-86-2				2.08
Water	7732-18-50				54.57

Section III Physical/Chemical Characteristics

Boiling Point 100-110°C	Specific Gravity (H ₂ O=1) 1.06	Auto-ignition temp. n.d.
Vapor Pressure (mm Hg.) (20°C) n.d.	Melting Point <°C	pH in concentrate 6.5-7.5
Vapor Density (AIR=1) n.d.	Evaporation Rate (Butyl Acetate=1) <1	

Solubility in Water Soluble

Appearance and Odor Yellow color Liquid and Slight odor

Section IV Fire and Explosion Hazard Data

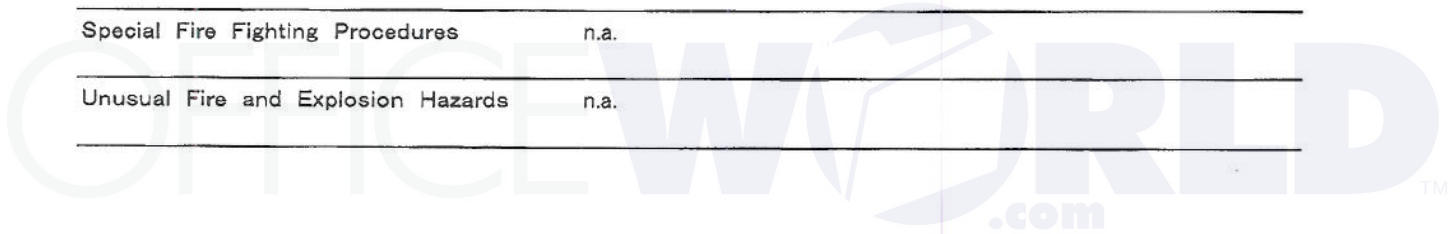
Flash Point (Method Used) (Closed Cap) n.d.	Flammable Limits (Vol.%)	LEL	UEL
		-	-

Extinguishing Media CO₂ gas or Chemical Form

Special Fire Fighting Procedures n.a.

Unusual Fire and Explosion Hazards n.a.

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Section V Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	High temperature and fire sources.

Incompatibility (Materials to Avoid)

Hazardous Decomposition or Byproducts

CO, CO₂ gas

Hazardous Polymerization	May occur		Condition to Avoid
	Will not Occur	X	

Section VI Health Data

Route(s) of Entry:	Inhalation?	Yes	Skin?	Yes	ingestion?	Yes
Health Hazards (Acute and Chronic)	Acute:	•Irritate eye	•Skin rash			

Chronic: n.d.

Carcinogenicity:	n.d.	NTP?	IARC Monographs?	OSHA Regulated?
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Signs and Symptoms of Exposure Irritating to skin and eyes.

Medical Conditions/Generally Aggravated by Exposure n.d.

Emergency and First Aid Procedures Ingestion: Call a physician. Eyes: Rinse away thoroughly with water.

Skin: Wash off with plenty of water and soap.

Section VII Precautions for Safe Handling and Use

Steps to be taken in Case Material is Released or Spilled Take up with absorbent materials.

Waste Disposal Method Dispose in accordance with local regulations.

Precaution to Be Taken in Handling and Storing Close cap after use. Avoid high temperature and fire sources.

Other Precautions n.a.

Section VIII Control Measures

Respiratory Protection (Specify Type)

Ventilation	Local Exhaust	n.a.	Special	n.a.
	Mechanical (General)	n.a.	Other	n.a.

Protective Gloves n.a. Eye Protection n.a.

Other Protective Clothing or Equipment n.a.

Work/Hygienic Practices Ventilation n.a.

*Not applicable=n.a. Not determined=n.d.

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