

9724558

61830

RA04919

**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 & HEALTH ADMINISTRATION  
(Non Mandatory Form) FORM APPROVED  
OMB No. 1218-0072

**IDENTITY:** (As used on Label & List) **WC211, WC215, WC216** **NOTE:** Blank spaces are not permitted. If any items are not applicable, or no information is available, the space must be marked to indicate that (N/A)  
**SUMI WATER COLORS WC220, WC221**

**SECTION I**

**MANUFACTURER'S NAME**

YASUTOMO & COMPANY

**ADDRESS** (Number, Street, City, State & Zip)

490 ECCLES AVENUE

SOUTH SAN FRANCISCO, CA 94080

**EMERGENCY PHONE NUMBER:**

CALL YOUR LOCAL POISON CONTROL CENTER

**INFORMATION NUMBER:**

650-737-8888

**DATE PREPARED:**

updated: MAY 10, 2006

**SIGNATURE OF PREPARED** (optional)

**SECTION II - HAZARDOUS INGREDIENTS / IDENTIFY INFORMATION**

**HAZARDOUS COMPONENTS**

(Specific Chemical Identify; Common Name(s))

OSHA PEL

ACGIH TLV

**OTHER LIMITS**

RECOMMENDED % (OPTIONAL)

SOLUBLE BARIUM - HEALTH LABEL, CONFORMS WITH ASTM D4236

COLORS AFFECTED ARE ON ATTACHED LIST, PAGE THREE (3)

ALL OTHER COLORS ON ATTACHED LIST ARE:

CONTAIN NO HAZARDOUS INGREDIENTS

A/P NON-TOXIC LABEL, CONFORMS WITH ASTM D4236

**SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS**

**BOILING POINT:**

SPECIFIC GRAVITY (H<sub>2</sub>O = 1)

**VAPOR PRESSURE** (mm Hg):

**MELTING POINT:**

**VAPOR DENSITY** (AIR - 1)

EVAPORATION RATE: (butyl acetate - 1)

**SOLUBILITY IN WATER**

**APPEARANCE & ODOR:**

**SECTION IV - FIRE & EXPLOSION HAZARD DATA**

**FLASH POINT** (Method Used):

N/A

**FLAMMABLE LIMITS:**

N/A

**LEL:**

N/A

**UEL:**

N/A

**EXTINGUISHING MEDIA:**

N/A

**SPECIAL FIRE FIGHTING PROCEDURES:**

N/A

**USUAL FIRE & EXPLOSION HAZARDS:**

NONE - NOT FLAMMABLE

**SECTION V - REACTIVITY DATA**

**STABILITY:**

UNSTABLE

**CONDITIONS TO AVOID:**

NONE

STABLE

X

IDENTITY: *(As used on Label & List)*

SUMI WATER COLORS: WC211, WC215, WC216, WC220

SECTION V – REACTIVITY DATA *(continued)*

INCOMPATIBILITY *(Materials to Avoid)*

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

HAZARDOUS POLYMERIZATION:	MAY OCCUR	CONDITIONS TO AVOID:
	WILL NOT OCCUR X	NONE

SECTION VI – HEALTH HAZARD DATA

ROUTE(S) OF ENTRY:	INHALATION?	SKIN?	INGESTION?
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HEALTH HAZARDS *(Acute & Chronic)*:  
MAY BE ORALLY TOXIC.

CARCINOGENICITY:	NTP?	IARC MONOGRAPHS?	OSHA REGULATED?
NONE			

SIGNS & SYMPTOMS OF EXPOSURE:  
GASTROINTESTINAL: NAUSEA – VOMITTING, COLIC & DIARRHEA.  
TINGLING IN EXTREMITIES.

MEDICAL CONDITIONS – GENERALLY AGGRAVATED BY EXPOSURE:  
NONE

EMERGENCY & FIRST AID PROCEDURES:  
WASH HANDS AFTER USE. DO NOT SMOKE OR EAT WHILE USING.  
IF INGESTED, SEE DOCTOR IMMEDIATELY.

SECTION VII – PRECAUTIONS FOR SAFE HANDLING & USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:  
N/A

WASTE DISPOSAL METHOD  
N/A

PRECAUTIONS TO BE TAKEN IN HANDLING & STORING:  
NO SPECIAL PRECAUTIONS NECESSARY

OTHER PRECAUTIONS:  
N/A

SECTION VIII – CONTROL MEASURES

RESPIRATORY PROTECTION *(Specify Type)*  
N/A

VENTILATION:	LOCAL EXHAUST	SPECIAL:
	MECHANICAL <i>(General)</i>	OTHER:

PROTECTIVE GLOVES: EYE PROTECTION:

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

WORK / HYGENIC PRACTICES:

**Yasutomo**  
**MSDS: Sumi Watercolor**  
**WC216-**

1 Crimson	33 Mustard Yellow
2 Yellow Ocher	34 Naples Yellow
3 Lemon Yellow	<b>*35 Bronze Green</b>
4 Brilliant Orange	36 Gold Ocher
<b>*5 Pearl Green</b>	37 Scarlet
<b>*6 Viridian</b>	38 Antique Purple
7 Cobalt Blue	39 Grey
8 Indigo	40 Coleseed Yellow
<b>*9 Carmine</b>	41 Peony
10 Red Ocher	42 Brown Black
11 Black	43 Coral
12 Chinese White	<b>*44 Bronze Blue</b>
13 Golden Yellow	45 Gold Brown
14 Vermillion	<b>*46 Sky Blue</b>
15 Smoke Brown	47 Light Violet
16 Burgundy	48 Russet
<b>*17 Cerulean Blue</b>	49 Light Green
18 Purple	50 Sepia
19 Iron Blue	<b>*51 Dark Green</b>
21 Cobalt Blue Light	52 Rust Brown
22 Umber	53 Wisteria
23 Silver Grey	54 Orange
24 Antique Green	55 Maroon
<b>*25 Cinnabar</b>	56 marine Blue
<b>*26 Beige Green</b>	57 Pale Yellow
<b>*28 Celadon Green</b>	58 Pale Gold
29 Pink Madder	59 Reddish Gold
30 Chestnut Brown	60 Silver
31 Red Violet	

\* These colors are labelled with HL Seal (Contains soluble Barium)

11 Colors HL Seal = Health Label, conforms to ASTM D4236

46 Colors AP Seal = A/P Non-Toxic label, conforms to ASTM D4236