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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 & 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 (H₂O = 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	*35 Bronze Green
4 Brilliant Orange	36 Gold Ocher
*5 Pearl Green	37 Scarlet
*6 Viridian	38 Antique Purple
7 Cobalt Blue	39 Grey
8 Indigo	40 Coleseed Yellow
*9 Carmine	41 Peony
10 Red Ocher	42 Brown Black
11 Black	43 Coral
12 Chinese White	*44 Bronze Blue
13 Golden Yellow	45 Gold Brown
14 Vermillion	*46 Sky Blue
15 Smoke Brown	47 Light Violet
16 Burgundy	48 Russet
*17 Cerulean Blue	49 Light Green
18 Purple	50 Sepia
19 Iron Blue	*51 Dark Green
21 Cobalt Blue Light	52 Rust Brown
22 Umber	53 Wisteria
23 Silver Grey	54 Orange
24 Antique Green	55 Maroon
*25 Cinnabar	56 marine Blue
*26 Beige Green	57 Pale Yellow
*28 Celadon Green	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