

FROM : HK HOLBEIN, USA

FAX NO. : 8026585889

Jan. 18 2006 10:42AM P2/8



Rec'd 1-20-06

HK HOLBEIN, INC

P.O. BOX 555, WILLISTON, VT. 05495-0555
Tel.: (802) 862-4573 Fax: (802) 658-5889
Toll free (800) 682-6686 / (888) HOLBEIN
Web site: www.holbeinhk.com

00322 - all codes

RESPONSE TO MATERIAL SAFETY DATA SHEET REQUEST

PRODUCT IDENTIFICATION : **HOLBEIN ARTIST WATERCOLOR** (3/22/04)

STATEMENT OF TOXICOLOGICAL EVALUATION

This product line has been certified in a program of toxicological evaluation by a medical expert and review by a toxicological advisory Board (a certification program of the Art and Creative Materials Institute, Inc.)

STATEMENT OF HAZARDOUS MATERIALS

The colors which do pose an acute or chronic hazard to humans follow:

- W680 (110, 310) Cobalt Violet Light (6582)
- W701 (137, 337) Peach Black (2222)
- W650 (018, 218) Vermillion (3282)

Sets { 00322-0129 }
 { 00322-0189 }
 { 00322-0249 }

Material Safety Data Sheets (MSDS) are attached.

STATEMENT OF NON-HAZARDOUS MATERIALS

Due to the absence of recognized hazards in the balance of this product line no MSDS are required by the OSHA Hazard Communication Standard. However , good work practices dictate that care be taken to avoid ingestion and unnecessary skin contact and to provide adequate ventilation if spray applying or mixing dry materials in a confined area.

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MATERIAL SAFETY DATA SHEET

03/20/2002

MANUFACTURER OR DISTRIBUTOR: **Holbein, Osaka**
P.O. Box 555
175 Commerce Street
Williston, VT 05495

INFORMATION TELEPHONE NUMBER: **800-682-6686**EMERGENCY TELEPHONE NUMBER: **802-862-4573****SECTION I - PRODUCT IDENTIFICATION**PRODUCT NAME: **HOLBEIN ARTISTS' WATER COLOR**PRODUCT NUMBER: **HWC**PRODUCT SIZES: **5, 15, 20 ML**BRAND NAME: **HOLBEIN ARTISTS' WATER COLOR**PRODUCT CLASS: **WATER COLORS (TUBE)****SECTION II - HAZARDOUS INGREDIENTS**

Ingredient	CAS #	PEL/TLV (MG/M#)	Max %Weight	NTP	IARC
SOLUBLE CADMIUM	7440-43-9	0.01	0.53958	Y	Y
SOLUBLE COBALT	7440-48-4	0.05	2.00000	Y	Y
SOLUBLE COPPER	7440-50-8	1.00	0.36401	N	N

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SECTION III - PHYSICAL AND CHEMICAL CHARACTERISTICS

BOILING POINT: N/A
 VAPOR PRESSURE: N/A
 SPECIFIC VAPOR DENSITY (AIR=1): N/A
 SOLUBILITY IN WATER: N/A
 APPEARANCE AND ODOR:

MELTING POINT: N/A
 SPECIFIC GRAVITY: N/A
 REACTIVITY IN WATER: NON-REACTIVE

SECTION IV - FIRE AND EXPLOSION INFORMATION

FLASH POINT (METHOD): N/A
 EXPLOSION LIMITS IN AIR (% BY VOLUME): NOT EXPLOSIVE
 EXTINGUISHING MEDIA: NO SPECIAL MEDIA REQUIRED
 FIRE FIGHTING PROCEDURES: NO SPECIAL FIRE FIGHTING PROCEDURES REQUIRED
 UNUSUAL FIRE & EXPLOSION HAZARDS: NOT COMBUSTIBLE

AUTOIGNITION TEMPERATURE: N/A

SECTION V - PHYSICAL HAZARDS/REACTIVITY

HAZARDOUS POLYMERIZATION PRODUCTS: NONE
 STABILITY: STABLE CONDITIONS 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: INHALATION, INGESTION, EYE, SKIN

EFFECTS AND SYMPTOMS OF ACUTE EXPOSURE: MAY BE HARMFUL IF SWALLOWED. MAY BE HARMFUL BY BREATHING DUSTS OR MISTS. EXPOSURE MAY RESULT IN SHORTNESS OF BREATH, CHEST PAIN, CHEST TIGHTNESS, WHEEZING AND A COUGH.

EFFECTS AND SYMPTOMS OF CHRONIC EXPOSURE: INHALATION EXPOSURE MAY CAUSE RESPIRATORY ALLERGIES. EXPOSURE MAY CAUSE HARM TO THE DEVELOPING FETUS. EXPOSURE MAY CAUSE DAMAGE TO THE KIDNEYS OR LIVER. INHALATION MAY CAUSE LUNG DAMAGE. EXPOSURE MAY RESULT IN ITCHINESS OF THE SKIN WITH HIVES OR ECZEMA.
 CHRONIC EXPOSURE MAY RESULT IN SHORTNESS OF BREATH, EASY FATIGABILITY AND CHEST PAIN.

CARCINOGEN LISTING: NTP: YES IARC: YES OSHA: NO

SEE SECTION II FOR COMPONENTS AFFECTED

MEDICAL CONDITIONS USUALLY AGGRAVATED BY OVER EXPOSURE TO THIS PRODUCT: ASTHMA, CHRONIC DERMATITIS, CHRONIC LUNG DISEASE, LIVER DISEASE, KIDNEY DISEASE, ANEMIA, PREGNANCY, HEART DISEASE.

FIRST AID MEASURES: If swallowed, get prompt medical attention.

SECTION VII - SPILL OR LEAK PROCEDURES

PRECAUTIONS TO BE TAKEN DURING STORAGE AND HANDLING: KEEP OUT OF REACH OF CHILDREN.

STEPS TO BE TAKEN IN CASE A MATERIAL IS SPILLED: NO SPECIAL SPILL PROCEDURES REQUIRED.

WASTE DISPOSAL METHOD: DISPOSE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

Item Numbers: 00322-0129, 00322-0189, 00322-0249, 00322-1009, 00322-1012, 00322-1052, 00322-2022, 00322-2222, 00322-2252, 00322-2552, 00322-2562, 00322-2612, 00322-2622, 00322-2632, 00322-3012, 00322-3092, 00322-3152, 00322-3202, 00322-3252, 00322-3262, 00322-3282, 00322-3392, 00322-3412, 00322-3452, 00322-3492, 00322-3502, 00322-3711, 00322-3712, 00322-3722, 00322-3732, 00322-3742, 00322-3752, 00322-3762, 00322-3772, 00322-3782, 00322-3912, 00322-3922, 00322-4042, 00322-4062, 00322-4072, 00322-4122, 00322-4142, 00322-4162, 00322-4182, 00322-4272, 00322-4302, 00322-4382, 00322-4392, 00322-4592, 00322-4642, 00322-4652, 00322-4872, 00322-4911, 00322-4912, 00322-4922, 00322-5052, 00322-5112, 00322-5162, 00322-5182, 00322-5192, 00322-5202, 00322-5212, 00322-5222, 00322-5252, 00322-5302, 00322-5452, 00322-5552, 00322-5652, 00322-5812, 00322-5862, 00322-5912, 00322-5922, 00322-6032, 00322-6042, 00322-6531, 00322-6582, 00322-6632, 00322-6682, 00322-6702, 00322-6912, 00322-7052, 00322-7072, 00322-7092, 00322-7102, 00322-7122, 00322-7132, 00322-7152, 00322-7162, 00322-7622, 00322-7682, 00322-7892, 00322-7902, 00322-7912, 00322-7922, 00322-7932, 00322-7942, 00322-7952, 00322-7962, 00322-7972, 00322-7982, 00322-7992, 00322-8002, 00322-8042, 00322-8052, 00322-8062, 00322-8072, 00322-8082, 00322-8212, 00322-8312, 00322-8532, 00322-9002, 00322-9302

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SECTION VIII - PROTECTIVE EQUIPMENT/CONTROL MEASURES

RESPIRATORY PROTECTION AND SPECIAL VENTILATION REQUIREMENTS: Use NIOSH-certified mask for dusts or mists.

OTHER PROTECTIVE EQUIPMENT (GLOVES, GOGGLES, ETC): NONE REQUIRED

WORK/HYGIENE PRACTICES: Do not spray apply. Avoid Ingestion. AVOID USING IF PREGNANT OR CONTEMPLATING PREGNANCY.

SECTION IX - ADDITIONAL INFORMATION AND WARNINGS

WARNING: DO NOT SPRAY APPLY -- This product contains cadmium, a chemical known to the State of California to cause cancer by means of Inhalation.

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SECTION X - COLOR INFORMATION

THIS MSDS APPLIES TO THE FOLLOWING COLORS WHICH ARE ASSOCIATED WITH HAZARDOUS AND/OR NON-HAZARDOUS INGREDIENTS:

<u>Product Color</u>	<u>Hazardous Ingredient</u>
003	(none)
009	(none)
024	(none)
025	(none)
026	(none)
047	(none)
048	(none)
076	(none)
077	(none)
078	(none)
079	(none)
102	(none)
103	(none)
104	(none)
106	(none)
116	(none)
117	(none)
118	(none)
128	(none)
129	(none)
170	(none)
175	(none)
190	(none)
191	(none)
601	(none)
602	(none)
603	(none)
604	(none)
606	(none)
607	SOLUBLE CADMIUM
608	(none)
609	(none)
610	(none)
611	(none)
612	(none)
613	(none)
615	(none)
616	(none)

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SECTION X - COLOR INFORMATION (Cont'd)

<u>Product Color</u>	<u>Hazardous Ingredient</u>
617	(none)
618	(none)
619	(none)
620	(none)
621	(none)
622	(none)
623	(none)
624	(none)
626	(none)
630	(none)
631	(none)
632	(none)
633	(none)
634	(none)
635	(none)
637	(none)
638	(none)
639	(none)
640	(none)
641	(none)
642	(none)
643	(none)
644	(none)
646	(none)
647	(none)
648	(none)
650	SOLUBLE CADMIUM
651	(none)
660	(none)
661	(none)
662	(none)
663	(none)
664	(none)
665	(none)
666	(none)
667	(none)
668	(none)
669	(none)
670	(none)

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SECTION X - COLOR INFORMATION (Cont'd)

<u>Product Color</u>	<u>Hazardous Ingredient</u>
673	(none)
674	(none)
675	(none)
676	(none)
680	SOLUBLE COBALT
682	(none)
683	(none)
684	(none)
685	(none)
690	(none)
691	(none)
692	(none)
693	(none)
694	(none)
695	(none)
696	(none)
697	(none)
700	(none)
701	SOLUBLE COPPER
702	(none)
705	(none)
706	(none)
707	(none)
708	(none)
711	(none)
712	(none)
713	(none)
714	(none)
715	(none)
W105	(none)

Form Completed By:: Woodhall Stopford, MD, MSPH
 Last Updated:: 02/26/2002