



HK HOLBEIN, INC

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00811-XXXX

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RESPONSE TO MATERIAL SAFETY DATA SHEET REQUEST

PRODUCT IDENTIFICATION : **HOLBEIN ACRYLA DESIGNER'S GOUCHE** (8/23/01)

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:

- 105 (D136, D836) Jet Black
- 080 (D111) Violet
- 083 (D114) Blue Violet

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.

MATERIAL SAFETY DATA SHEET

08/23/2001

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 ACRYLA DESIGNER'S GOUCHE **PRODUCT NUMBER:** HAG
PRODUCT SIZES: 10, 20, 40, 330 ML **BRAND NAME:** HOLBEIN ACRYLA DESIGNER'S GOUCHE
PRODUCT CLASS: DESIGNER COLORS (GOUCHE)

SECTION II - HAZARDOUS INGREDIENTS

Ingredient	CAS #	PEL/TLV (MG/M#)	Max %Weight	NTP	IARC
FORMALDEHYDE	50-00-0	0.30	0.22832	Y	Y
SOLUBLE COPPER	7440-50-8	1.00	0.32500	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. CONTACT MAY RESULT IN IRRITATION OF THE SKIN. CONTACT MAY RESULT IN REDNESS OR PAIN OF THE EYES. EXPOSURE MAY RESULT IN SHORTNESS OF BREATH, CHEST PAIN, CHEST TIGHTNESS, WHEEZING AND A COUGH.

EFFECTS AND SYMPTOMS OF CHRONIC EXPOSURE: EXPOSURE MAY CAUSE ALLERGIC REACTIONS. EXPOSURE MAY CAUSE DAMAGE TO THE KIDNEYS OR LIVER. EXPOSURE MAY RESULT IN ITCHINESS OF THE SKIN WITH HIVES OR ECZEMA. EXPOSURE MAY RESULT IN FATIGUE.

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. ANEMIA. PREGNANCY.

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.

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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: Avoid skin contact. Avoid ingestion.

SECTION IX - ADDITIONAL INFORMATION AND WARNINGS

THIS INFORMATION SHEET IS FOR THE CONSUMER USE OF THIS PRODUCT ONLY.

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SECTION X - COLOR INFORMATION (Cont'd)

<u>Product Color</u>	<u>Hazardous Ingredient</u>
5	(none)
50	(none)
51	(none)
6	(none)
60	(none)
61	(none)
62	(none)
63	(none)
64	(none)
65	(none)
66	(none)
67	(none)
68	(none)
69	(none)
7	(none)
8	(none)
80	FORMALDEHYDE
81	(none)
82	(none)
83	FORMALDEHYDE
84	(none)
85	(none)
86	(none)
87	(none)
D009	(none)
D010	(none)
D011	(none)
D012	(none)
D013	(none)
D014	(none)
D040	(none)
D041	(none)
D042	(none)
D043	(none)
D044	(none)
D073	(none)
D074	(none)
D075	(none)

Item Numbers: 00811-1021, 00811-1022, 00811-1031, 00811-1041, 00811-1051, 00811-1053, 00811-2021, 00811-2023, 00811-2031, 00811-2043, 00811-2511, 00811-2521, 00811-2531, 00811-2541, 00811-3041, 00811-3061, 00811-3081, 00811-3091, 00811-3101, 00811-3111, 00811-3151, 00811-3161, 00811-3171, 00811-3181, 00811-3191, 00811-3241, 00811-3281, 00811-3351, 00811-3461, 00811-3581, 00811-3711, 00811-3721, 00811-3731, 00811-3741, 00811-3761, 00811-3771, 00811-3781, 00811-3801, 00811-3803, 00811-4011, 00811-4021, 00811-4031, 00811-4041, 00811-4051, 00811-4061, 00811-4091, 00811-4141, 00811-4191, 00811-4321, 00811-4511, 00811-4591, 00811-4761, 00811-4831, 00811-5011, 00811-5021, 00811-5041, 00811-5071, 00811-5101, 00811-5111, 00811-5161, 00811-5171, 00811-5181, 00811-5211, 00811-5221, 00811-5231, 00811-5251, 00811-5391, 00811-5451, 00811-5541, 00811-5911, 00811-5921, 00811-5931, 00811-6031, 00811-6041, 00811-6051, 00811-6511, 00811-6611, 00811-6911, 00811-7011, 00811-7021, 00811-7031, 00811-7041, 00811-7051, 00811-7061, 00811-7071, 00811-7091, 00811-7111, 00811-7151, 00811-7161, 00811-7191, 00811-7231, 00811-7241, 00811-7511, 00811-7521, 00811-7841, 00811-8041, 00811-8051, 00811-8061, 00811-8071, 00811-8081, 00811-8141, 00811-8151, 00811-9011, 00811-9241, 00811-9331

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SECTION X - COLOR INFORMATION (Cont'd)

<u>Product Color</u>	<u>Hazardous Ingredient</u>
D102	(none)
D103	(none)
D104	(none)
D105	(none)
D119	(none)
D120	(none)
D121	(none)
D138	(none)
D155	(none)
D156	(none)
D157	(none)
D158	(none)
D164	(none)
D181	(none)
D182	(none)
D183	(none)
D184	(none)
D185	(none)
D186	(none)
D187	(none)
D195	(none)
D196	(none)
D197	(none)
D198	(none)

Form Completed By: Woodhall Stopford, MD, MSPH
 Last Updated: 05/02/2001