

2026-3-24

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)
OMB No.1218-0072

§ 1 - IDENTITY INFORMATION

Product Name (as used on label and list) : **HOLBEIN ARTISTS' OIL COLOR (HOC)**

Manufacturer : **HOLBEIN Works, Ltd.**
Address : **1-3-14, Hishiya-nishi, Higashi-osaka-shi
OSAKA 577-0807, JAPAN**
Telephone Number for information : **81-6-6191-7722**
Emergency Telephone Number : **81-72-985-1222 (HOLBEIN Labo, Ltd.)**
Preparer : **ALAKI, Yutaka**

§ 2 - HAZARD IDENTIFICATION

This product is not classified as dangerous for supply or conveyance.

Classification : **Non-regulated**
Danger : **Out of category**
GHS label elements : **Void**
Hazard information : **Practically not at harmful level.
Some colors are indicated to be noted on catalog.
Three colors contain a slight amount of petroleum distillates.
(cf. § 11 TOXICOLOGICAL INFORMATION)**
Skin Irritation : **Category 3 (Long time or repeated contact may irritate to skin.)**
Eye Effects : **Category 3 (When into eyes, may cause keratitis.)**
Ingestive Effects : **Depends on individuals**

§ 3 - COMPOSITION / INGREDIENTS

Substance/Mixture : **Mixture of some ingredients**

Components The materials in this product are not at levels that would be harmful to the human body if swallowed or otherwise ingested.
This product does not contain any suspected carcinogens.
This product consists of pigment (colorant), body pigment, vegetable drying oil (binder/vehicle), metal soap (dryer)

Colorant is shown on table of catalog

§ 4 - FIRST AID MEASURES

Eyes : **In case of eye contact, rinse with plenty of water and if necessary consult an eye specialist.**
Ingestion : **Drink plenty of water. Induce vomiting. If you feel unwell, contact and tell us the pigment information with the number shown as C.I. No. to confirm the ingredient pigment. Seek medical attention according to name of pigment.**
Skin Contact : **Wash with mild soap and water.**

§ 5 - FIRE AND EXPLOSION HAZARD DATA

Flammability : **Not flammable in normal state (vegetable oil is combustible under abnormal high temperature circumstance)**
Flash Point : **306 ° C (as Linseed Oil)**

Extinguishing Media : Water mist, Foam, Dry powder, CO₂
 Unusual Fire and Explosion Hazards : Oil dries by oxygen. Rags or waste soaked with oil may spontaneously catch fire if improperly discarded.
 Not exclusive.

§ 6 - ACCIDENTAL RELEASE MEASURES

Step to Be Taken in Case Material Is Released or Spilled : Wipe out with rag or waste.
 Avoid entry into the sewage system (Drying oil may cause of clogging).

§ 7 - HANDLING AND STORAGE

Precautions to Be Taken in Handling and Storing :
 Avoid prolonged or repeated contact with skin and eyes.
 Storage Requirements : Store below 50 ° C.
 Keep container closed tightly to prevent drying out.

§ 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

None (No data on products)

§ 9 - PHYSICAL / CHEMICAL CHARACTERISTICS

Appearance : Colored paste with heavy consistency
 Volatile : None
 Odor : as vegetable oil
 Specific Gravity (H₂O = 1) : 1.3~2.3 (av.: 1.82) (except Transparent colors)
 Transparent colors : 1.05~1.14 (av.: 1.08)
 Boiling Point : N/A
 pH : N/A
 Solubility in Water : Insoluble. Soluble in organic solvent

§ 10 - HAZARD INFORMATION AND STABILITY

Physical Dangers : Not nonflammable (vegetable oil)
 Stability : Stable under normal state
 Reactivity : None
 Byproducts : Carbon dioxide, oxides of metals and water in case of fire.
 Incompatibility (Materials to Avoid) : None
 Hazardous Decomposition or Byproducts : Produces small amount of peroxides or aldehydes while dry or under high temperature. In case of fire, formation of carbon dioxide, water and oxides of metal (depending each pigments).

§ 11 - TOXICOLOGICAL INFORMATION

Primary Routes of Entry : Dermal, eye contact, swallowing
 Oral Toxicity (LC₅₀) : Differs by each colors.
 Not heavy if swallowed, nevertheless using harmful pigments.
 Even if hazardous, doesn't practically act acutely.

The harmful pigments are noted on catalog as follows ;

Cadmium group, Naples group (except French), Jaune Brillant group and Coral Red : Contains soluble Cadmium which may be harmful by ingestion. Exposure may cause damage to the kidneys or testes or harm to the developing fetus. Inhalation may cause lung damage.
 Cobalt group : Contains soluble Cobalt which may be harmful if swallowed. Exposure may damage heart or lungs.
 Peach Black : Contains soluble Copper which may be harmful if swallowed. Exposure may cause anemia.
 Silver White, Foundation group : Except from Japanese Poisonous and Deleterious Substances Control Law. According to the amount or period, may cause fatigue, headache, skin pallor, anaemia or sensory obstacle.
 Gold, Silver and Quick Drying White contain a slight amount of petroleum distillates.

Skin irritation :	Usually non irritant. Upon skin contact, wash with soap or other non-irritating cleansing agents.
Eye irritation :	None. Usually non irritant, but hurttable. When into eyes, may cause keratitis.
Carcinogenicity :	Cadmium and Cobalt pigments are listed as carcinogen. No data available on products.
Sensitization :	Not expected
Mutagenicity :	N/A
Teratogenicity :	None known

§ 12 - ECOLOGICAL INFORMATION

No suitable information

§ 13 - DISPOSAL CONSIDERATIONS

May be incinerated or if necessary after suitable conditioning to refuse dump if local regulations are observed.

As being filled in aluminium tube, this products may be treated as incombustible according to all federal, state or governmental regulations.

Stained cloths or papers which has been used to wipe or so on are so flammable that they had better been wetted with water.

§ 14 - TRANSPORT INFORMATION

UN Proper Shipping Name :	N/A
UN Number :	N/A
UN Hazard Class :	Non-regulated. Out of case of general notice on flammability.
Packing Group :	N/A

§ 15 - REGULATORY INFORMATION

Danger Class :	N/A
Industrial Safety and Health Law :	N/A
Fire Service Law :	Non-regulated (Out of category)
High Pressure Gas Safety Law :	N/A

Ready to be conformed to ACMI, Art & Creative Materials Institute, under ASTM D 4236.

§ 16 - OTHER INFORMATION

Notice: All information contained herein is for references and guidance for normal use, and not for all conceivable conditions of handling and use. The responsibility for irregular use belongs to user individuals. All information are under our knowledge of today, and not secure the perfection. All information may change according to circumstances.

Appendix

Table COLOR INFORMATION

	Cd	Cadmium	Name	Marked ingredient	Classification
	Co	Cobalt	Cobalt Blue	Co	AP
	Cu	Copper	Cobalt Blue Deep	Co	AP
	Hg	Mercury	Cobalt Blue Hue	-	AP
	Pb	Lead	Cobalt Blue Pale	Co	AP
	Se-Cd	Selenium-Cadmium	Cobalt Green	Co	CL
	Solv.	Petroleum distillates	Cobalt Green Deep	Co	CL
			Cobalt Green Pale *	Co	CL
AP		Approved Product : Contain no materials in sufficient quantities to be toxic or injurious to humans.	Cobalt Turquoise	Co	AP
			Cobalt Turquoise Deep	Co	CL
			Cobalt Violet	Co	CL
CL		Cautionary Label : Any known health risks and with information on the safe and proper use of these materials	Cobalt Violet Deep	Co	CL
			Cobalt Violet Light	Co	AP
			Cobalt Violet Light Hue	-	AP
AP/CL		AP on small tube (20ml), CL on large tube (40ml)	Compose Blue	-	AP
			Compose Green	Cd	AP
			Coral Red	Se-Cd	AP
			Crimson Lake	-	AP
			Davy's Grey	-	AP
			Dioxazine Violet	-	AP
			Emerald Green Nova	-	AP
			French Vermilion *	Hg	AP
			Geranium Lake *	-	AP
			Gold	Solv	CL
			Gold Ochre	-	AP
			Green Grey	-	AP
			Greenish Yellow	-	AP
			Grey of Grey	Co	AP
			Horizon Blue	-	AP
			Hydrangea Blue *	-	AP
			Imidazolone Brown	-	AP
			Imidazolone Yellow	-	AP
			Indanthrene Blue	-	AP
			Indian Red	-	AP
			Indian Yellow *	-	AP
			Indigo	-	AP
			Isoindolinone Yellow	-	AP
			Ivory Black	-	AP
			Ivory White	-	AP
			Jaune Brillant No. 1	Se-Cd	AP
			Jaune Brillant No. 2	Se-Cd	AP
			Jaune Brillant No. 3	Se-Cd	AP
			Jaune Brillant No. 4	Se-Cd	AP
			Lamp Black	-	AP
			Lemon Yellow	-	AP
			Lemon Yellow Pale *	Cd	AP
			Light Magenta	-	AP
			Light Red	-	AP
			Light Red Bright *	-	AP
			Manganese Blue Nova	Co	AP
			Mars Orange	-	AP
			Mars Violet	-	AP
			Mars Yellow	-	AP
			Mauve	-	AP
			Mineral Violet	-	AP
			Misty Blue	-	AP
			Monochrome Tint Cool	-	AP
			Monochrome Tint Warm	-	AP
			Naples Yellow	Cd	AP

Name	Marked ingredient	Classification	Name	Marked ingredient	Classification
Naples Yellow French *	-	AP	Terre Verte	-	AP
Naples Yellow Italian	Cd	AP	Terre Verte Opaque	-	AP
Navy Blue *	-	AP	Terre Verte Verona *	-	AP
Neutral Grey	-	AP	Transparent Brown Oxide	-	AP
Nickel Azo Yellow	-	AP	Transparent Gold Oxide	-	AP
Nickel Yellow *	-	AP	Transparent Red Oxide	-	AP
Olive Green	-	AP	Turquoise Blue	Co	AP
Oriental Blue *	-	AP	Ultramarine Blue	-	AP
Oriental Green *	-	AP	Ultramarine Deep	-	AP
Oxide of Chromium	-	AP	Ultramarine Light	-	AP
Payne's Grey	-	AP	Vandyke Brown	-	AP
Peach Black	Cu	CL	Verditer Blue	Co	AP
Peony Red *	-	AP	Vermilion	Hg	AP
Permanent Green	-	AP	Vermilion Hue	-	AP
Permanent Green Deep	-	AP	Violet Grey	-	AP
Permanent Green Light	-	AP	Viridian	-	AP
Permanent Green Pale	-	AP	Viridian Hue	-	AP
Permanent Orange	-	AP	Yellow Grey	-	AP
Permanent Violet *	-	AP	Yellow Ochre	-	AP
Permanent Yellow	-	AP	Yellow Ochre Natural *	-	AP
Permanent Yellow Deep	-	AP	Yellow Ochre Pale Natural	-	AP
Permanent Yellow Lemon	-	AP			
Permanent Yellow Light	-	AP	TRANSPARENT COLORS		
Permanent Yellow Pale *	-	AP	Transparent Black	-	AP
Perylene Green	-	AP	Transparent Blue	-	AP
Perylene Red	-	AP	Transparent Brown	-	AP
Phthalo Blue	-	AP	Transparent Garnet	-	AP
Phthalo Blue Red Shade	-	AP	Transparent Green	-	AP
Phthalo Green	-	AP	Transparent Lemon	-	AP
Phthalo Green Yellow Shade	-	AP	Transparent Red	-	AP
Phthalo Turquoise	-	AP	Transparent Rose	-	AP
Pink Madder	-	AP	Transparent Vermilion	-	AP
Polyazo Yellow	-	AP	Transparent Violet	-	AP
Prussian Blue	-	AP	Transparent Yellow	-	AP
Prussian Green *	-	AP			
Pyrrole Orange	-	AP	FOUNDATIONS		
Pyrrole Orange Transparent	-	AP	Foundation Greenish	Pb	CL
Pyrrole Red	-	AP	Foundation Grey	Pb	CL
Pyrrole Red Transparent	-	AP	Foundation Umber	Pb	CL
Pyrrole Rubine Transparent	-	AP	Foundation White	Pb	CL
Quinacridone Magenta	-	AP			
Quinacridone Opera	-	AP	WHITES		
Quinacridone Red	-	AP	Ceramic White	-	AP
Quinacridone Violet	-	AP	Permanent White EX	-	AP
Quinophthalone Yellow	-	AP	Permanent White SF	-	AP
Raw Sienna	-	AP	Quick Drying White	Solv.	CL
Raw Umber	-	AP	Silver White	Pb	CL
Rose Dore *	-	AP	Titanium White	-	AP
Rose Grey	-	AP	Zinc White	-	AP
Rose Madder	-	AP			
Rose Violet	-	AP	ANTIQUUE COLORS		
Rose Violet Transparent *	-	AP	Antique Blue #1	-	AP
Sap Green	-	AP	Antique Blue #2	-	AP
Scarlet Lake *	-	AP	Antique Green	-	AP
Sepia	-	AP	Antique Red	-	AP
Shell Pink	-	AP	Antique Yellow #1	-	AP
Silver	Solv.	CL	Antique Yellow #2	-	AP
Terra Rosa	-	AP			

* Indicated colors are discontinued (out of production)