



SAFETY DATA SHEET

2017-4-21

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)
Form Approved OMB No.1218-0072

§ 1 - IDENTITY INFORMATION

Product Name (as used on label and list) : **PIGMENT PASTE** (HPP)

Manufacturer : **HOLBEIN Works, Ltd.**
Address : **2-2-5, Ueshio, Chuo-ku, Osaka-shi**
OSAKA 542-0064 JAPAN

Telephone Number for information : **81-6-6191-7722**
Emergency Telephone Number : **81-72-985-1221**
Preparer : **ALAKI, Yutaka**

§ 2 - HAZARD IDENTIFICATION

This product is not classified as dangerous for supply or conveyance.
The ingredients are water-reducible and falls well within the acceptable safety limits.

Classification : **Non-regulated**
Danger : **Not nonflammable, not explosive**
Hazard information : **See §11 (Toxicological Information)**
Some colors are pointed to be noted.

Skin Effect : **Long time or repeated contact may irritate to skin and may cause inflammation.**

Eye Effects : **May be hurtable to the eye mucous membrane**

§ 3 - COMPOSITION / INGREDIENTS

| Substance/Mixture | Mixture | (* : Main ingredient) |
|-------------------------------|----------------|-----------------------|
| Components | (General Name) | Note |
| Pigment | (Colorant) * | See Appendix Table |
| Acrylic Resin | (Dispersant) | CAS Registered |
| Propylene Glycol | (Moisturizer) | CAS 57-55-6 |
| Polyacrylate | (Thickener) | CAS Registered |
| Dimethylaminoethanol | (pH agent) | CAS 108-01-0 |
| Benzisothiazol | (Preservative) | CAS 2634-33-5 |
| 2-(4-thiazolyl)-benzimidazole | (Preservative) | CAS 148-79-8 |
| Water | * | CAS 7732-18-5 |

§ 4 - FIRST AID MEASURES

Eyes : **Never rub. Hold eyelids apart and rinse with plenty of water and if necessary consult an eye specialist.**

Ingestion : **In case of swallowing, drink plenty of water. Induce vomiting. Seek medical attention according to amount of product ingested.**

Skin Contact : **Wash with mild soap and water.**

Inhalation : **This product does not been inhaled.**

§ 5 - FIRE AND EXPLOSION HAZARD DATA

Flammability : Not flammable, water-based product.
Not supports the inflammation after dried up.
Flash Point, Autoignition Point : N/A

§ 6 - ACCIDENTAL RELEASE MEASURES

Use kitty litter, sand or other absorbent to control spread and absorb liquid.

Environmental Precautions : Prevent spills from entering storm sewers or drains and contact with soil.

§ 7 - HANDLING AND STORAGE

Precautions to Be Taken in Handling and Storing :

Avoid prolonged or repeated contact with skin and eyes.

Handling Procedures/Equipment : Treat as paint product. Use soap and water for clean-up.

§ 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Especially none

§ 9 - PHYSICAL / CHEMICAL CHARACTERISTICS

Appearance : Colored slurry
Odor : —
Specific Gravity (H₂O = 1) : 1.02~2.02 (av. 1.2)
Melting Point, Boiling Point : quasi Water
Solubility in Water : ∞

§ 10 - HAZARD INFORMATION AND STABILITY

Physical Dangers : Not flammable, water-based product
Stability : Stable under normal state
Reactivity : None
Incompatibility (Materials to Avoid) : None

§ 11 - TOXICOLOGICAL INFORMATION

Primary Routes of Entry : Dermal, eye contact, swallowing, ingestion
Oral Toxicity : Cobalt Blue is pointed that they may cause anemia or damage to heart or lungs. Even though they are literally pointed, on actual product it is out of dangerous area by the sufficient purification by manufacturer.
Eye irritation : Usually nonirritant, but may be hurtable to the eye mucous membrane as solid material.
Effects of Chronic Exposure : None known
Skin irritation : Long time or repeated contact may irritate to skin and may cause inflammation.
Carcinogenicity : No data available

This products is classified as AP product in the ACMI system.
(ACMI : Art & Creative Materials Institute, under ASTM D 4236)

§ 12 - ECOLOGICAL INFORMATION

No suitable information or specific data is available for this product. However, do not release this product or any water contaminated with this product into drains, soils or waterways.

§ 13 - DISPOSAL CONSIDERATIONS

Dispose as aqueous colored slurry. May be disposed into sewage system if small amount.

§ 14 - TRANSPORT INFORMATION

Hazard Class : Non-regulated
 UN Number : N/A
 Package Group : N/A

§ 15 - REGULATORY INFORMATION

Regulatory agencies and restrictions are minimal regarding conveyance or use of water-based products other than what has been specifically addressed.

Industrial Safety and Health Law : N/A
 Fire Service Law : N/A

§ 16 - OTHER INFORMATION

Notice: The information of this sheet is based on the present state of our knowledge and does not therefore guarantee certain properties.

Appendix

Table COLOR INFORMATION

| Name | Notice | Classification * | Ingredient | C.I. Name |
|----------------------|--------|------------------|---------------------------------------|-----------|
| Carbon Black | — | AP | Carbon | PBk7 |
| Cobalt Blue | Co | AP | Cobalt Aluminate | PB28 |
| Dioxazine Violet | — | AP | Dioxazine pigment | PV23 |
| Hansa Yellow Light | — | AP | Monoazo pigment | PY3 |
| Imidazolone Brown | — | AP | Imidazolone pigment | PBr25 |
| Imidazolone Yellow | — | AP | Imidazolone pigment | PY154 |
| Indanthrene Blue | — | AP | Indanthrene pigment | PB60 |
| Isoindolinone Yellow | — | AP | Isoindolinone pigment | PY110 |
| Naphthol Red | — | AP | Monoazo pigment | PR146 |
| Oxide of Chromium | — | AP | Chromium Sesquioxide | PG17 |
| Phthalo Blue | — | AP | Phthalocyanine pigment | PB15 |
| Phthalo Green | — | AP | Phthalocyanine pigment | PG7 |
| Pyrrole Orange | — | AP | DPP pigment | PO73 |
| Pyrrole Red | — | AP | DPP pigment | PR254 |
| Quinacridone Magenta | — | AP | Quinacridone pigment | PR122 |
| Red Ochre | — | AP | Iron oxide | PR101 |
| Shadow Green | — | AP | Perylene pigment | PBk31 |
| Titanium White | — | AP | Titanium dioxide | PW6 |
| Ultramarine Blue | — | AP | Polysulfide of sodium aluminosilicate | PB29 |
| Yellow Ochre | — | AP | Iron Hydroxide | PY43 |

Co Cobalt

Classification is not applied at the present time.

AP (Approved Product) : Contain no materials in sufficient quantities to be toxic or injurious to humans.

CL (Cautionary Label) : Any known health risks and with information on the safe and proper use of these materials