



SAFETY DATA SHEET

U.S.Department of Labor

May be used to comply with Occupational Safety and Health Administration OSHA's Hazard Communication Standard, (Non-Mandatory Form) 29 CFR 1910. 1200.
Standard must be Form Approved consulted for specific requirements.OMB No.1218-0072

Section 1 - IDENTITY INFORMATION

Product Name	W 472	WATERCOLOR MEDIUM
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	
Date Prepared	2015-4-1	
Preparer	ALAKI, Yutaka	

Section 2- HAZARD IDENTIFICATION

This product is water-based and not classified as dangerous for supply or conveyance.

GHS Classification :	Non-regulated, but slightly irritant to eyes and nose
Danger :	Not nonflammable, not explosive
Hazard information :	Especially none
Ecological consideration :	Especially none

Section 3- COMPOSITION / INGREDIENTS

Components	(Specific Chemical Identity, Common Name(s))	
Aqueous Gum	(Gum Arabic)	CAS No.9000-01-5
Additive	(Acetic acid)	CAS No.64-19-2
Preservative	(Benzisothiazol)	CAS No.2634-33-5
Water		CAS No.7732-18-5

Section 4- FIRST AID MEASURES

Eyes :	In case of eye contact, promptly wash eyes with plenty of water while lifting the eye lids, and consult an eye specialst.
Ingestion :	Rinse mouth thoroughly. Drink plenty of water. Seek medical attention according to amount of product ingested.
Skin Contact :	Wash with plenty of water, soap or other non-irritating cleansing agents.
Inhalation :	Rinse mouth and nose with water.

Section 5- FIRE AND EXPLOSION HAZARD DATA

Flammability :	Not flammable, water-based product
Flash Point :	N/A
Autoignition Temp.:	N/A
Combustion Products :	Carbon monoxide, dioxide and ash
Unusal Fire and Explosion Hazards :	Material will not support combustion unless the water has evaporated.

Section 6- ACCIDENTAL RELEASE MEASURES

Wipe off.

Section 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 50C. degrees.
Handling Procedures/Equipment :	Use soap and water for clean-up.

Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Especially none

Personal Protection : Especially none

Section 9 - PHYSICAL / CHEMICAL CHARACTERISTICS

Appearance : Pale brown viscous liquid
Odor : Weak vinegar smell
Specific Gravity (H₂O = 1) : 1.21
Melting Point : N/A
Boiling Point : quasi water
pH : 3-4
Solubility in Water : ∞

Section 10 - HAZARD INFORMATION AND STABILITY

Stability : Stable under normal state
Reactivity : None
Incompatibility (Materials to Avoid) : Strong bases
Hazardous Decomposition : No thermal decomposition when stored and handled correctly.
Corrosive Behavior : No

Section 11 - TOXICOLOGICAL INFORMATION

Primary Routes of Entry : Swallowing, Ingestion
Oral Toxicity (LD₅₀) : None known
Effects of Acute Exposure : None known
Effects of Chronic Exposure : None known
Skin irritation : None
Eye irritation : Usually non irritant

Carcinogenicity : No data available.
Sensitization : Not expected
Mutagenicity : N/A
Teratogenicity : None known

Section 12 - ECOLOGICAL INFORMATION

No suitable information

Section 13- DISPOSAL CONSIDERATIONS

Disposal Considerations : Can be disposed of household waste.

Section 14- TRANSPORT INFORMATION

Hazard Class : Non-regulated
UN number : N/A

Section 15- REGULATORY INFORMATION

Conforms to ACMI, Art & Creative Materials Institute, under ASTM D 4236.

Fire Service Law : N/A
Pollutant Release and Transfer Register : N/A

Section 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.