



# SAFETY DATA SHEET

2017-1-31

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) : 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  
Preparer : ALAKI, Yutaka

## § 2 - HAZARD IDENTIFICATION

This product is 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. Gum Arabic is food additive.  
Ecological consideration : Especially none

## § 3 - COMPOSITION / INGREDIENTS

Substance/Mixture : Mixture \*: main ingredient

Components	(Specific Chemical Identity, Common Name(s), C.I. No)	CAS. No.
Aqueous Gum *	(Gum Arabic)	— 9000-01-5
Additive	(Acetic acid)	CH <sub>3</sub> COOH 64-19-2
Preservative	(Benzisothiazol)	C <sub>7</sub> H <sub>5</sub> NOS 2634-33-5
Water		7732-18-5

## § 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 specialist.

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.

## § 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  
Unusual Fire and Explosion Hazards : Material will not support combustion unless the water has evaporated.

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**§ 6 - ACCIDENTAL RELEASE MEASURES**

Wipe off.

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**§ 7 - HANDLING AND STORAGE**

Precautions to Be Taken in Handling and Storing :

Storage Requirements : Avoid prolonged or repeated contact with skin and eyes.  
Store below 50 °C  
Handling Procedures/Equipment : Use soap and water for clean-up.

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**§ 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION**

Especially none

Personal Protection : Especially none

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**§ 9 - PHYSICAL / CHEMICAL CHARACTERISTICS**

Appearance : Pale brown viscous liquid  
Odor : Weak vinegar smell  
Specific Gravity (H<sub>2</sub>O = 1) : 1.21  
Melting Point : -  
Boiling Point : -  
pH : 3~4  
Solubility in Water : ∞.

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**§ 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

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**§ 11 - TOXICOLOGICAL INFORMATION**

Primary Routes of Entry : Swallowing, Ingestion  
Oral Toxicity (LD<sub>50</sub>) : 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

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**§ 12 - ECOLOGICAL INFORMATION**

No suitable information

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**§ 13 - DISPOSAL CONSIDERATIONS**

Disposal Considerations : Can be disposed of household waste.

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**§ 14 - TRANSPORT INFORMATION**

Hazard Class : Non-regulated

UN Number : N/A  
Package Group : N/A

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§ 15 - REGULATORY INFORMATION

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

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

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§ 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.