



SAFETY DATA SHEET

2017-1-30

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) : AM 572, AM 792 MAT 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 water-based and not classified as dangerous for supply or conveyance. The ingredients are water-reducible and falls well within the acceptable safety limits.

GHS label elements Void

Classification : Non-regulated
Danger : Nonflammable on product, and flammable after dry.
Hazard information : Especially none
Ecological consideration : Especially none

§ 3 - COMPOSITION / INGREDIENTS

Substance/Mixture : Mixture *: Main ingredient

Components (Specific Chemical Identity, Common Name (s))	CAS No.
Matting agent * (Silica, Silicon dioxide, Pigment White 27, SiO ₂)	7631-86-9
Binder * (Acrylic-Metacrylic Copolymer Emulsion)	25852-37-3
Dispersant (Sodium Polycarboxylate)	25549-84-2
Moisturizer (Propylene Glycol)	57-55-6
Preservative/Fungicide (Benzimidazole)	148-79-8
Preservative/Antiseptic (Benzisothiazoline)	2634-33-5

§ 4 - FIRST AID MEASURES

Eyes : In case of eye contact, rinse with plenty of water and if necessary consult an eye specialist.

Ingestion : In case of swallowing, drink plenty of water. Induce vomiting. If you feel unwell, seek medical advice.

Skin Contact : Upon skin contact, wash with plenty of water, soap or other non-irritating cleansing agents.

Inhalation : Upon inhalation of aerosol/vapor, take the person to fresh air. If there is difficulty in breathing, medical advice is required.

§ 5 - FIRE AND EXPLOSION HAZARD DATA

Flammability : Not combustible unless dried up

Flash Point, Ignition Point : Not below 100 ° C
 Combustion Products : Formation of carbon dioxide and silicon dioxide (original ingredient)
 Precaution for Firefighters : Do not inhale combustion gases.
 Extinguishing Media : Water (Foam, Dry powder and Carbon dioxide, if necessary)
 Unusual Fire and Explosion Hazards : Material will not support combustion unless the water has evaporated.

§ 6 - ACCIDENTAL RELEASE MEASURES

Accidental Release Measures : Wipe off.
 Environmental Precautions : Prevent spills from entering storm sewers or drains and contact with soil.

§ 7 - HANDLING AND STORAGE

Precautions for Storing : Keep from freezing.

§ 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Avoid invasion to the eyes or body. Avoid prolonged or repeated contact with skin.
 Wash mouth or hands well after use. Avoid inhaling aerosols.

§ 9 - PHYSICAL / CHEMICAL CHARACTERISTICS

Appearance and Odor : White viscous liquid with faint acrylic odor
 Specific Gravity (H₂O = 1) : 1.08
 Boiling Point : approx. 100° C
 Vapor Density (Air = 1) : —
 Vapor Pressure (Butyl Acetate = 1) : quasi Water
 pH : ca. 8
 Solubility in Water : Can be diluted. Not so, after dried.

§ 10 - HAZARD INFORMATION AND STABILITY

Physical Dangers : Nonflammable on product.
 Stability : Stable under normal state
 Reactivity : None
 Byproducts : Carbon dioxide, silicon dioxide (original ingredient)
 No thermal decomposition when stored and handled correctly.
 Incompatibility (Materials to Avoid) : None

§ 11 - TOXICOLOGICAL INFORMATION

Primary Routes of Entry : Dermal, eye contact, inhalation, swallowing
 Oral Toxicity : The products may flocculate by gastric acid. Toxicity of this media itself is not confirmed.
 Eye irritation : Irritant, but not damage the organization
 Skin irritation : Irritant by repeated or prolonged contact, and may cause inflammation.
 Inhalation Toxicity : May stimulate eyes and respiratory organs with their vapor or mists under highly concentrated state. The toxic act of these products is not confirmed.
 Carcinogenicity, Sensitization, Mutagenicity, Teratogenicity, Reproductive Toxicity :
 No data available on products.

Other Information : Mat Medium is classified as AP product in the ACMI system.

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

§ 12 - ECOLOGICAL INFORMATION

Fish Toxicity : It is pointed that acrylic polymer emulsion may obstruct the breathing of fishes, in case of pouring the excess colors to river or pond.

§ 13 - DISPOSAL CONSIDERATIONS

Disposal Considerations : Dispose in accordance with national and/or local regulations.

Avoid entry into the sewage system (danger of clogging).

§ 14 - TRANSPORT INFORMATION

Precautions for Transport : None, especially

UN Class : N/A

UN Number : N/A

Packing Group : N/A

§ 15 - REGULATORY INFORMATION

Danger Class : N/A (Not flammable liquid)

Fire Service Law : N/A

Industrial Safety and Health Law : N/A

Pollutant Release and Transfer Register : N/A

Conforms 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.