



SAFETY DATA SHEET

2025-4-25

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) : **MAT VARNISH** (AM 577)
 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 water-based and not classified as dangerous for supply or conveyance.

Classification : Non-regulated
 Danger : Nonflammable
 Skin Irritation : Category 3
 Eye Effects : Category 2B / Causes eye irritation
 Ecological consideration : Category 4 / Potential
 GHS label elements : Void

§ 3 - COMPOSITION / INGREDIENTS

Substance/Mixture : Mixture (*: Main ingredient)

Components	(Specific Chemical Identity, Common Name(s), C.I. No)	CAS. No.
Resin*	(Acrylic-Metacrylic Copolymer Emulsion)	25852-37-3
Matting Agent *	(Silica, SiO ₂)	7631-86-9
Surfactant	Polycarboxylate	Registered
Moisturizer	(Propylene Glycol)	57-55-6
Film-forming Aid	Alcohol Ester, C ₁₂ H ₂₄ O ₃	25265-77-4
Preservative	(Benzisothiazol)	2634-33-5
Preservative	(2-(4-thiazolyl)-benzimidazole)	148-79-8
Water		7732-18-5

§ 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 : Wash with plenty of water, soap or other non-irritating cleansing agents.
 Inhalation : Generally, this product does not been inhaled.
 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
Flash Point, Ignition Point :	N/A
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)

§ 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 to Be Taken in Handling and Storing :	Avoid invasion to the eyes or body.
	Avoid prolonged or repeated contact with skin and eyes.
	Keep from freezing.

§ 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal Protection :	No special procedures
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§ 9 - PHYSICAL / CHEMICAL CHARACTERISTICS

Appearance :	White liquid
Odor :	Faint acrylic odor
Specific Gravity (H ₂ O = 1) :	1.07
Boiling Point :	approx. 100° C
Vapor Density (Air = 1) :	—
Vapor Pressure (Butyl Acetate = 1) :	quasi Water
pH :	7~8
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
Corrosive Behavior :	No
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 varnishes itself is not confirmed.
Eye irritation :	Irritant to the eye mucous membrane, but not damage the organization
Skin irritation :	Irritant by repeated or prolonged contact, and may cause inflammation.

Inhalation Toxicity : Generally this product does not been inhaled. 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.

§ 12 - ECOLOGICAL INFORMATION

Fish Toxicity : It is pointed that acrylic polymer emulsion may obstruct the breathing of fishes, if excess products pours.

§ 13 - DISPOSAL CONSIDERATIONS

Dispose in accordance with national and/or local regulations.
Do not flush excess undiluted products into the sewer system (danger of clogging).

§ 14 - TRANSPORT INFORMATION

Precautions for Transport : None, especially
UN Proper Shipping Name : Not applicable
UN Number : N/A
UN Hazard Class : 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 under ASTM D 4236, and is classified as AP product in ACMI system.

ACMI : The Art & Creative Materials Institute, Inc.

ASTM : ASTM International (Former "American Society for Testing and Materials")

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

§ 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.