



SAFETY DATA SHEET

2020-8-8

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) : OPAQUE MEDIUM (AI 990)

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.

Classification : Non-regulated
Danger : Nonflammable
Hazard information : Especially none (cf. § 11 - Toxicological Information)
Ecological consideration : Especially none
GHS label elements : Void

§ 3 - COMPOSITION / INGREDIENTS

Substance/Mixture : Mixture (* : main Ingredients.)

Components	(Specific Chemical Identity, Common Name(s))	CAS
Matting agent *	(Plastic Beads)	Registered
Binder *	(Aqueous Modified Acrylic Resin)	Registered
Moisturizer	(Propylene Glycol)	57-55-6
Water *		

§ 4 - FIRST AID MEASURES

Eyes : In case of eye contact, never rub. Rinse with plenty of water and if necessary consult an eye specialist.

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

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

Inhalation : Upon inhalation of aerosol/vapor/dust, 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 : Carbon oxides

§ 6 - ACCIDENTAL RELEASE MEASURES

Especially none

§ 7 - HANDLING AND STORAGE

Precautions for Handling : Especially none. Wash mouth or hands after use.
 Precautions for Storing and Transport : Especially none

§ 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Avoid invasion to the eyes or body. Avoid prolonged or repeated contact with skin.

§ 9 - PHYSICAL / CHEMICAL CHARACTERISTICS

Appearance : Milky white liquid
 Odor : Faint acrylic odor with weak ammonium smell
 Specific Gravity (H₂O = 1) : 1.02
 Boiling Point : Same as water
 Vapor Density (Air = 1) : ---
 Vapor Pressure (Butyl Acetate = 1) : Same as water
 pH : ca. 8
 Solubility in Water : ∞. Not so, after dried.

§ 10 - HAZARD INFORMATION AND STABILITY

Flammability : Not combustible
 Stability : Inert and stable under normal state
 Incompatibility (Materials to Avoid) : None
 Hazardous Decomposition or Byproducts : Carbon oxides at fire

§ 11 - TOXICOLOGICAL INFORMATION

Primary Routes of Entry : Dermal, eye contact, inhalation, swallowing
 Eye irritation : Irritant, and may induce keratitis, but essentially not damage the organization.
 Skin irritation : May irritate by repeated or prolonged contact, and may cause inflammation.
 Inhalation Toxicity : Although some of raw materials stimulate eyes and respiratory organs with their vapor or mists under highly concentrated state, the toxic act of this colors is not confirmed.
 Oral Toxicity : The toxicity of this products is not confirmed.

§ 12 - ECOLOGICAL INFORMATION

Biodegradability : Not readily biodegradable.
 Persistency : Not been confirmed.
 Aquatic environment toxicity : Not expected to be toxic to aquatic environment.
 Fish Toxicity : Not been certified.

§ 13 - DISPOSAL CONSIDERATIONS

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

§ 14 - TRANSPORT INFORMATION

UN Proper Shipping Name : Not applicable
 UN Number : Not applicable
 UN Hazard Class : Not applicable

Packing Group : Not applicable
ADR/RID : Not classified

ADR : Transportation of Dangerous Goods on Roads
RID : Transportation of Dangerous Goods on Railways

§ 15 - REGULATORY INFORMATION

Danger Class : N/A. (Not flammable liquid)
Law: Fire law : ditto

Conforms to ACMI under ASTM D 4236, and is classified into AP genre of 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. All information may change according to circumstances.