



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) : AI 800 **COLORLESS**

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

Classification : Non-regulated (nonflammable liquid)
 Danger : Not flammable, water-based product
 Hazard information : Especially none
 Acute toxicity : Out of category
 Skin Irritation, Skin Sensitization : Out of category
 (Basically not harmful. May cause irritation by continuous contact)
 Eye Effects : Category 2B / Causes weak eye irritation
 Inhalation : Out of category

GHS label elements : Void

§ 3 - COMPOSITION / INGREDIENTS

Substance/Mixture :	Mixture	(* : Main ingredient)
Components (Specific Chemical Identity, Common Name(s), C.I. No)		CAS. No.
Aqueous Acrylic Resin *	—	Registered
Moisturizer	Propylene Glycol, CH ₃ CH(OH)CH ₂ OH	57-55-6
Thickener	Polyurethane	Registered
Solvent	(CH ₃) ₂ CHOH	67-63-0
Water *		7732-18-5

§ 4 - FIRST AID MEASURES

Eyes : Flush with water for at least 5 minutes; consult physician if irritation continues.

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

Skin Contact : Wash with mild soap and water.

Inhalation : Blow your nose and sinus rinse is acceptable.

§ 5 - FIRE AND EXPLOSION HAZARD DATA

Flammability : Not combustible, water-based product
 Flash Point : N/A

Autoignition Point : N/A
 Extinguishing Method : Regular
 Extinguishing Media : Water mist, Foam, Dry powder, CO₂

§ 6 - ACCIDENTAL RELEASE MEASURES

Method : Wipe off.

§ 7 - HANDLING AND STORAGE

Precautions to Be Taken in Handling and Storing : Especially none. Avoid invasion to the eyes or body.

§ 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Especially none
 Personal Protection : Avoid inhalation of liquid when applying. Use goggles if necessary.

§ 9 - PHYSICAL / CHEMICAL CHARACTERISTICS

Appearance : Colorless clear liquid
 Odor : Mild acrylic smell with weak ammonia
 Specific Gravity : 1.01
 Melting Point : N/A
 Boiling Point : quasi Water
 Vapor Pressure (Butyl Acetate = 1) : quasi Water
 Solubility in Water : ∞ Not soluble, after dried

§ 10 - HAZARD INFORMATION AND STABILITY

Physical Dangers : Nonflammable, water-based product
 Stability : Stable under normal state
 Reactivity : None
 Incompatibility (Materials to avoid) : None
 Byproducts : Carbon oxide and water in case of fire

§ 11 - TOXICOLOGICAL INFORMATION

Primary Routes of Entry : Dermal, eye contact, inhalation, swallowing, Ingestion
 Hazardous Ingredient : None
 Oral Toxicity : Toxicity of this product itself is not confirmed.
 Inhalation : Although some of raw materials are pointed to may stimulate eyes and respiratory organs with their vapor or mists under highly concentrated state, the toxic act of this product is not confirmed.
 Skin irritation : Long time or repeated contact may irritate to skin and may cause inflammation.
 Eye irritation : Irritant to the eye mucous membrane, but not hurttable
 Effects of Chronic Exposure : None known

§ 12 - ECOLOGICAL INFORMATION

No suitable information

§ 13 - DISPOSAL CONSIDERATIONS

Disposal Considerations : To be processed at an appropriate government waste disposal facility according the treatment for aqueous paints.

§ 14 - TRANSPORT INFORMATION

Precautions for Transport : None, especially
UN Proper Shipping Name : N/A (Not flammable liquid)
UN Number : N/A (Aqueous varnish)
UN Hazard Class : N/A
Packing Group : Not applicable

§ 15 - REGULATORY INFORMATION

Regulatory agencies and restrictions are minimal regarding conveyance or use of water-based products other than what has been specifically addressed.

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
Ship Safety Act : Not flammable liquid

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.

CL : Cautionary Label : Any known health risks and with information on the safe and proper use of these materials

§ 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.