



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) :

DO 529, DO 429 DUO Quick Drying Liquid
DU 466, DU 566 DUO Quick Drying Medium Gloss
DU 467, DU 567 DUO Quick Drying Medium Mat

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.

GHS label elements Void

Classification : Non-regulated
Danger : Nonflammable
Hazard information : Especially none
Acute toxicity : Category 5 / Relatively low
Skin Irritation : Category 3 / Causes mild skin irritation
Eye Effects : Category 2B / Causes eye irritation

§ 3 - COMPOSITION / INGREDIENTS

Components	(Specific Chemical Identity, Common Name(s), C.I. No)	CAS. No.
Resin	(Acrylic modified alkyd resin)*	63148-69-6
Thickener	(Polyacrylate)**	-closed-
Surfactant	—	Registered
Matting agent	(Silicon dioxide, PW 27)***	7631-86-9
Preservative	(Benzisothiazol)	2634-33-5
Water		7732-18-5

*: Main ingredient, **: for Medium Gloss, Medium Mat, ***: for Medium Mat

§ 4 - FIRST AID MEASURES

Ingestion : Do NOT induce vomiting unless directed to do so by medical personnel.
Eyes : In case of eye contact, rinse with plenty of water and if necessary consult an eye specialist.
Skin Contact : Wash with mild soap and water.
Inhalation : This product is not inhaled.

§ 5 - FIRE AND EXPLOSION HAZARD DATA

Flammability : Not combustible unless dried up (water-based product)
Flash Point : Not below 100 ° C (Not examined about products)
Autoignition Point : No Data Available
Combustion Products : Carbon monoxide, dioxides
Extinguishing Method : Take off fire or other flammable materials, and use with extinguishing tools.
Extinguishing Media : Water mist, Foam, Dry powder, CO2
Unusual Fire and Explosion Hazards : Material will not support combustion unless the water has evaporated.

§ 6 - ACCIDENTAL RELEASE MEASURES

Wipe out or take up with absorbent materials.
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 prolonged or repeated contact with skin and eyes.
Storage Requirements : Keep container closed tightly to prevent drying out.
Handling Procedures/Equipment : Treat as paint product. Use soap and water for clean-up.

§ 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Especially none

§ 9 - PHYSICAL / CHEMICAL CHARACTERISTICS

Appearance : Liquid : Slightly viscous liquid of a dark milky color
Medium Gloss : Pale brown clear paste
Medium Mat : Dark white paste
Odor : Specific
Specific Gravity (H2O = 1) : 1.03 (Liquid)~1.07 (Medium Mat)
Melting Point, Boiling Point : N/A
pH : N/A
Solubility in Water : ∞

§ 10 - HAZARD INFORMATION AND STABILITY

Physical Dangers : Nonflammable
Stability : Stable under normal state
Reactivity : None
Incompatibility (Materials to Avoid) : None
Hazardous Decomposition or Byproducts : None known
Corrosive Behavior : No

§ 11 - TOXICOLOGICAL INFORMATION

Primary Routes of Entry : Dermal, eye contact, swallowing, ingestion
Oral Toxicity (LD50): 5.1~6.5g/kg (Rat, reduced value)
Effects of Acute Exposure : None known
Effects of Chronic Exposure : None known
Skin irritation : None known
Eye irritation : None known

Carcinogenicity, Sensitization, Mutagenicity, Teratogenicity, Reproductive Toxicity: No data available

§ 12 - ECOLOGICAL INFORMATION

No specific data is available for this product. However, do not release this product or any water contaminated with this product into drains, soils or waterways..

§ 13 - DISPOSAL CONSIDERATIONS

Disposal Considerations : The product is suitable for processing at an appropriate government waste disposal facility.

§ 14 - TRANSPORT INFORMATION

UN Proper Shipping Name : Non-regulated
UN-number : N/A
Transport Hazard Class : Non-regulated

§ 15 - REGULATORY INFORMATION

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

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

Industrial Safety and Health Law : N/A
Fire Service Law : N/A
High Pressure Gas Safety Law : N/A
Pollutant Release and Transfer Register : N/A

§ 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.