



# SAFETY DATA SHEET

2016-10-31

May be used to comply with U.S. Department of Labor  
 OSHA's Hazard Communication Standard, Occupational Safety and Health Administration  
 29 CFR 1910. 1200. (Non-Mandatory Form)  
 Standard must be consulted for specific requirements. 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.

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## § 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, CO <sub>2</sub>
Unusual Fire and Explosion Hazards :	Material will not support combustion unless the water has evaporated.

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## § 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.

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## § 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.

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## § 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Especially none

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## § 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 (H <sub>2</sub> O = 1) :	1.03 (Liquid)~1.07 (Medium Mat)
Melting Point, Boiling Point :	N/A
pH :	N/A
Solubility in Water :	∞

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## § 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

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## § 11 - TOXICOLOGICAL INFORMATION

Primary Routes of Entry :	Dermal, eye contact, swallowing, ingestion
Oral Toxicity (LD <sub>50</sub> ):	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

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## § 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..

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## § 13 - DISPOSAL CONSIDERATIONS

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

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## § 14 - TRANSPORT INFORMATION

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

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## § 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

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## § 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.