



SAFETY DATA SHEET

2023-10-16

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) : O 521 JAPAN GOLD SIZE
 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 : 81-72-985-1222 (HOLBEIN Labo, Ltd.)
 Preparer : ALAKI, Yutaka

§ 2 - HAZARD IDENTIFICATION

Classification : Flammable Liquid, Category 3
 Hazard information : Irritant to eyes and skin. Inhalation of concentrated vapor irritates eyes and/or bronchial pathway, or may influences to central nerve.
 Acute toxicity : Category 4
 Skin Irritation : Category 2
 Eye Effects : Category 2B
 Respiratory Sensitization : N/A



§ 3 - COMPOSITION / INGREDIENTS

Components	(Specific Chemical Identity, Common Name(s), C.I. No)	CAS. No.
Modified Copal Resin	(Running Copal Resin)	9000-14-0
Polymerized Linseed Oil		67746-08-1
Spirits of Turpentine	(Alpha-pinene)	8006-64-2
Cobalt Naphthenate	(RCOO) ₂ Co	61789-51-3

§ 4 - FIRST AID MEASURES

Inhalation : Remove to fresh air.
 Ingestion : Do NOT induce vomiting, except in case of excess swallowing.
 Ask immediately for medical doctor.
 Eyes : In case of eye contact, rinse with plenty of water and if necessary consult an eye specialist.
 Skin Contact : Upon skin contact, wash with plenty of water, soap or other non-irritating cleansing agents.

§ 5 - FIRE AND EXPLOSION HAZARD DATA

Flammability : Flammable
 Flash Point : 33.5 °C
 Extinguishing Method : Take off fire or other flammable materials, and use with extinguishing tools.
 Extinguishing Media : Foam, Dry powder, CO₂

§ 6 - ACCIDENTAL RELEASE MEASURES

Step to Be Taken in Case Material Is Released or Spilled :
 Take up with absorbent materials.
 Prevention of Secondary Disaster : Take off fire or other flammable materials.
 Personal Consideration : Use mechanical ventilation

Environmental Precautions : Prevent spills from entering storm sewers or drains.

§ 7 - HANDLING AND STORAGE

Precautions : Avoid prolonged or repeated contact with skin and eyes.
 Storage Requirements : Keep from fire or flammable materials.
 Do not allow product temperature to rise high.
 Handling Procedures/Equipment : Treat as paint product.

§ 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls : Use mechanical ventilation when applying.
 Personal Protection : Avoid inhaling aerosols.

§ 9 - PHYSICAL / CHEMICAL CHARACTE

Appearance : Viscous black liquid
 Odor : Terpenic with oil smell
 Specific Gravity (H₂O = 1) : 0.93
 Boiling Point : 155°C
 Vapor Density (Air = 1) : 4.7
 Solubility in Water : Insoluble

§ 10 - HAZARD INFORMATION AND STABILITY

Physical Dangers : Flammable
 Stability : Stable under normal state
 Reactivity : None
 Byproducts : Carbon dioxide, water and dioxide of cobalt.
 Hazardous Decomposition or Byproducts : No thermal decomposition when stored and handled correctly.
 Incompatibility (Materials to Avoid) : None
 Corrosive Behavior : None

§ 11 - TOXICOLOGICAL INFORMATION

Primary Routes of Entry : Dermal, eye contact, swallowing
 Oral Toxicity(LD₅₀) : 3,700mg/kg (Spirits of turpentine)
 Ingestion : Although the effect or toxicity of swallowing is not serious, the liquid or vapor based on swallowing or vomiting may cause of bronchitis or pulmonary edema.
 Inhalation Toxicity : High density vapor irritates respiratory organ, and induces dizziness, headache, anesthesia, slumber or the effect to central nervous system. (Spirits of turpentine)
 Effects of Acute Exposure : None known
 Eye irritation : Usually irritant to the eye mucous membrane
 Skin irritation : Long time or repeated contact may irritate to skin and may cause inflammation.
 Repeated Exposure : Inhalation of mist may cause irritation of bronchial pathway and/or stupor.
 Sensitization, Reproductive Toxicity : No data available on product.

Japan Gold Size is approved as AP by ACMI.

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

ACMI : Art & Creative Materials Institute, under ASTM D 4236

§ 12 - ECOLOGICAL INFORMATION

Not been confirmed

§ 13 - DISPOSAL CONSIDERATIONS

Disposal Considerations : To be incinerated.

Waste Disposal Method : Stained cloths or papers which has been used to wipe or so on are so flammable that they had better been wetted with water.

§ 14 - TRANSPORT INFORMATION

Hazard Class : Class 3 (Flammable)

UN Number : 1263 (Oil Varnish)

Packing Groupe : III

§ 15 - REGULATORY INFORMATION

Conforms to ACMI (cf. §11)

Industrial Safety and Health Law : Flammable organic solvent

Fire Service Law (Japan) : Dangerous Materials ; Group 4, Petroleum Category 2

Regulation to Control Dangerous Materials : Conforms to article 41 and below.

High Pressure Gas Safety Law : 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.