



SAFETY DATA SHEET

2024-10-1

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) : **Painting Medium, Jellied (O 650)**

Manufacturer : HOLBEIN Works, Ltd.

Address : 1-3-14, Hishiya-nishi, Higashi-osaka-shi
 OSAKA 577-0807, JAPAN
 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 Liquids (actually paste), 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 / Harmful

Skin Irritation : Category 3

Skin Sensitization : Category 1 / May cause allergic dermatitis

Eye Effects : Category 2B / Causes eye irritation

Respiratory Sensitization : Category 2 / Inhalation may cause allergy, asthma or dyspnea
 Product itself does not been inhaled.



§ 3 - COMPOSITION / INGREDIENTS

Substance/Mixture : Mixture (* : main ingredient)

Components (Specific Chemical Identity, Common Name(s), C.I. No)	CAS. No.
Oil-modified Alkyd Resin *	63148-69-6
Naphtha (Hydrated Heavy Petroleum)	64742-48-9
Castor Oil, Dehydrated	64147-40-6
Metallic Soap (Cobalt Naphthenate)	61789-51-3
Castor Oil, Hydrogenated	8001-78-3

§ 4 - FIRST AID MEASURES

Inhalation : Remove to fresh air. Product itself does not been inhaled.

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 (° C) : >40 (Naphtha)
 Extinguishing Method : Take off fire or other flammable materials, and use with extinguishing tools.
 Extinguishing Media : Foam, Dry powder, CO2
 Unusual Fire and Explosion Hazards : None

§ 6 - ACCIDENTAL RELEASE MEASURES

Step to Be Taken in Case Material Is Released : 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 to Be Taken in Handling and Storing :
 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 heavy contact to skin.

§ 9 - PHYSICAL / CHEMICAL CHARACTERISTICS

Appearance : Clear pale brown paste
 Odor : Petroleum smell
 Boiling Point : 150 ° C
 Specific Gravity : 0.91

§ 10 - HAZARD INFORMATION AND STABILITY

Physical Dangers : Flammable
 Stability : Stable under normal state
 Reactivity : None
 Byproducts : Carbon dioxide, water and dioxide of cobalt.or manganese
 Hazardous Decomposition or Byproducts : No thermal decomposition when stored and handled correctly.

§ 11 - TOXICOLOGICAL INFORMATION

Primary Routes of Entry : Dermal, eye contact, swallowing
 Oral Toxicity : LD50=25,000mg/kg (estimate)
 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 : Inhalation of concentrated vapor irritates eyes and/or bronchial pathway, induces dizziness or headache, or influences to central nerve. Chronic inhalation of excess vapor may cause pneumonia. Product itself does not been inhaled.
 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. Chronical excess inhalation in long time of mist induces inflammation of lung, and may cause fibrosis on pulmonary artery
Sensitization, Reproductive Toxicity :	No data available on product.
Mutagenicity :	Mutagenicity was not confirmed with testing on rat by typhoid bacilli, testing on mouse by lymphocyte or testing on rat by marrow cell.
Carcinogenicity :	IARC (The International Agency for Research on Cancer) classifies mineral spirit in Group 3, not classifiable agent as to its carcinogenicity to humans.
Teratogenicity :	Teratogenicity was not confirmed.

§ 12 - ECOLOGICAL INFORMATION

No suitable information

§ 13 - DISPOSAL CONSIDERATIONS

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

UN Proper Shipping Name :	Flammable paste
Hazard Class :	Class 3
UN Number :	Class 1263
Package Group :	III

§ 15 - REGULATORY INFORMATION

Industrial Safety and Health Law :	Flammable organic solvent
Fire Service Law (Japan) :	Dangerous Materials ; Group 4, Petroleum Category 2 For oil media themselves
Registered Number :	4041-143301
Regulation to Control Dangerous Materials :	Conforms to article 41 and below.
High Pressure Gas Safety Law :	N/A

Painting Medium Jellied is classified as CL product in the ACMI system, because of solvent.

ACMI : Art & Creative Materials Institute under ASTM D 4236

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.