

SAFETY DATA SHEET

2024-8-22

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) :

PAINTING OIL MEDIUM Safflower oil based
(O 564, O 464, O 364)

Manufacturer : HOLBEIN Works, Ltd.
Address : 1-3-14, Hishiya-nishi, Higashi-osaka-shi
OSAKA 577-0807, 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 5
Skin Irritation : Category 3
Eye Effects : Category 2B
Respiratory Sensitization : Category 1
Inhalation may cause allergy, asthma or dyspnea
Skin Sensitization : Category 1 / May cause allergic dermatitis.



§ 3 - COMPOSITION / INGREDIENTS

Components	(Specific Chemical Identity, Common Name(s))	CAS No.
	Safflower Oil *	8001-23-8
	Synthetic Resin	Registered
Naphtha	(Hydrated Heavy Petroleum)	64742-48-9
Metallic Soap	(Ex; Cobalt Naphthenate, (RCOO) ₂ Co)	61789-51-3

* : Vegetable drying oil (Triglyceride of Linolic, Linolenic, Oleic or Palmitic acid)

§ 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 : 44 °C

Auto-ignition Temp : $>200^{\circ}\text{C}$
 Extinguishing Method : Take off fire or other flammable materials, and use with extinguishing tools.
 Extinguishing Media : Foam, Dry powder, CO_2
 Unusual Fire and Explosion Hazards : None

§ 6 - ACCIDENTAL RELEASE MEASURES

Step to Be Taken in Case Material Is Released or Spilled :

Prevention of Secondary Disaster : Take up with absorbent materials.
 Personal Consideration : Take off fire or other flammable materials.
 Environmental Precautions : Use mechanical ventilation
 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 CHARACTER

Appearance : Pale yellow liquid
 Odor : Mild petroleum smell
 Boiling Point : $154\sim 197^{\circ}\text{C}$
 Specific Gravity : 0.88

§ 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 : $\text{LD}_{50} \approx 20,000 \text{ mg/kg}$ (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 : May cause central nervous system effects. (Naphtha)
 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 are anesthetic and may have other central nervous system effects. (Naphtha)
 Sensitization, Reproductive Toxicity, Mutagenicity, Teratogenicity : No data available on products.

Carcinogenicity : IARC (The International Agency for Research on Cancer) classifies naphtha in Group 3, not classifiable agent as to its carcinogenicity to humans.

Information of Painting Oil Medium : Hazardous Ingredient : Naphtha
Classification : CL

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

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

§ 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

UN Proper Shipping Name : Flammable Liquid

UN number : 1263

Hazard Class : Class 3 (Flammable)

Packing Group : III

§ 15 - REGULATORY INFORMATION

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

Industrial Safety and Health Law : Flammable organic solvent

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

Registered Number : 4041-143326

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.