



Safety Data Sheet

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)

O 102, O 202, O 302, O 402, O 502	Linseed Oil
	O 518 Sun Thickened Linseed Oil
	O 522 Stand Linseed Oil
O 103, O 203, O 303, O 403, O 503	Poppy Oil
	O 517 Sun Thickened Poppy Oil
O 361, O 461, O 561	Safflower Oil

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	81-72-985-1223
Date Prepared	2015-2-13
Preparer	ALAKI, Yutaka

§ 2– HAZARD IDENTIFICATION

Classification : Non-regulated (designated combustible liquid)
Hazard information : Especially none

§ 3. COMPOSITION / INGREDIENTS

Components (Specific Chemical Identity, Common Name(s))

Vegitable drying oil (Triglyceride of Linolic, Linolenic, Oleic or Palmitic acid)	CH ₂ —OCOR CH—OCOR CH ₂ —OCOR
---	---

CAS No.	Linseed Oil	8001-26-1
	Sun Thickened Linseed Oil	67746-08-1
	Stand Linseed Oil	67746-08-1
	Poppy Oil	8002-11-7
	Sun Thickened Poppy Oil	N/A
	Safflower Oil	8001-23-8

§ 4. FIRST AID MEASURES

Inhalation : This product is not inhaled.
Ingestion : Plenty amount of ingestion may induce diarrhea. If you feel unwell, seek medical advice.
Eyes : In case of eye contact, rinse with plenty of water and consult an eye specialist if necessary.
Skin Contact : Upon skin contact, wash with water, soap or other non-irritating cleansing agents.

§ 5. FIRE AND EXPLOSION HAZARD DATA

Flammability :	Combustible
Flash Point :	> 300 °C
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 :	Oil dries by oxygen. Rags or waste soaked with oil may spontaneously catch fire if improperly discarded. Not exclusive.

§ 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 :	Especially none
Environmental Precautions :	Prevent spills from entering storm sewers or drains (Drying oil may cause of clogging).

§ 7. HANDLING AND STORAGE

Precautions to Be Taken in Handling and Storing :	Especially none
Storage Requirements :	Keep from fire or flammable materials. Do not allow product temperature to rise high. Close the cap tightly.
Handling Procedures/Equipment :	Treat as paint product.

§ 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls :	Use mechanical ventilation when applying.
Personal Protection :	Especially none

§ 9. PHYSICAL / CHEMICAL CHARACTERISTICS

Appearance :	Clear yellow liquid
Odor :	Oily smell
pH :	N/A
Boiling Point :	—
Specific Gravity (H2O = 1) :	0.930~0.933 Linseed Oil
	0.97 Sun Thickened Linseed Oil
	0.96 Stand Linseed Oil
	0.924~0.927 Poppy Oil
	0.95 Sun Thickened Poppy Oil
	0.92 Safflower Oil
Solubility in Water :	Dispersible

§ 10. HAZARD INFORMATION AND STABILITY

Physical Dangers :	Combustible
Stability :	Stable under normal state
Reactivity :	None
Byproducts :	Carbon dioxide, water
Hazardous Decomposition or Byproducts :	Products small amount of peroxides or aldehydes while dry or under high temperature. In case of fire, forms carbon dioxide and water.
Incompatibility (Materials to Avoid) :	None
Corrosive Behavior :	None

§ 11. TOXICOLOGICAL INFORMATION

Primary Routes of Entry :	Dermal, swallowing
Oral Toxicity (LD50) :	N/A
Inhalation Toxicity :	This product is not inhaled.
Effects of Acute Exposure :	None known

Eye irritation : Usually non irritant (tested on rabbit eyes).
Skin irritation : Usually non irritant. Allergic for some persons.

Repeated Exposure : No special data available
Sensitization, Reproductive Toxicity : No data available on product.
Mutagenicity, Carcinogenicity, Teratogenicity : No data available

§ 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 : Non-regulated
UN number : N/A

§ 15. REGULATORY INFORMATION

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

Industrial Safety and Health Law : Combustible oil
Fire Service Law : Designated combustible liquid
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.