

2019-2-28

U.S. Department of Labor
Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved OMB No.1218-0072

Product Name (as used on label and list) :	O 522	Stand Linseed 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 :	81-72-985-1221	
Preparer :	ALAKI, Yutaka	

Classification :	Non-regulated (designated combustible liquid)
Danger :	Combustible at high temperature. Mentioned about spontaneous combustion when absorbed in wastes or rags.
Hazard information :	Especially none

Substance/Mixture : Single substance

Components	(Specific Chemical Identity, Common Name(s))	CAS No.
Polymerized Linseed Oil	$ \begin{array}{c} \text{CH}_2\text{—OCOR} \\ \\ \text{CH—OCOR} \\ \\ \text{CH}_2\text{—OCOR} \end{array} $	67746-08-1

Thermopolymerized vegetable drying oil (Triglyceride of Linoleic acid, Linolenic acid Oleic acid or Palmitic acid)

General advice : Raw material is food.
 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.

Flammability :	Combustible
Flash Point :	>250 °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 by 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) : 0.96
 Solubility in Water : Insoluble

§ 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). May irritant for some persons.
 Skin irritation : Usually non irritant. Allergic for some persons.
 Repeated Exposure : No special data available
 Sensitization, Reproductive Toxicity, 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

UN Proper Shipping Name : N/A
Hazard Class : Non-regulated
UN Number : N/A
Package Group : Out of Category

§ 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.