



## SAFETY DATA SHEET

01745-1160

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## IMPASTO MEDIUM

### 1. Identification of the Preparation and of The Company

Product Name and/or code:	IMPASTO MEDIUM PM 7 100 ML, 225 ML, 250 ML, 1 L
Effective Date:	29-Jul-22
Manufacturer:	Michael Harding Art Formulas Ltd Unit K Springvale Industrial Estate Cwmbran, UK NP44 5BE
Website Address	www.michaelharding.co.uk
Information Contact:	North America: 978-376-2497 UK/Europe: 44 (0) 1633 - 484-700
Emergency Contact (Health) :	For health emergencies call the Poison Control Center: 1-800-222-1222
Product Use:	<b>ART MATERIAL - CONSUMER PRODUCT.</b> Artist professional medium. For application to a substrate. Not intended for spray application, sanding, or other operations which generate dust or airborne concentrations.

### 2. Hazards Identification

#### Emergency Overview

**MAY CAUSE EYE IRRITATION**

#### Classification of the Product:

##### Label Elements

Conforms to ASTM D-4236 (USA)

##### Art Material - Consumer Product Label

##### Hazard Statement

May cause eye irritation.

##### Precaution Statement:

Keep away from heat, sparks and flame. **To avoid spontaneous combustion during temporary storage, soak soiled rags and waste immediately after use in a water-filled, closed metal container. Use only with adequate ventilation** and provide fresh air cross-ventilation. **Avoid breathing vapors.** Do not eat, drink or smoke when using. **Avoid eye contact.** Wash thoroughly after handling.

##### Children's Statement

**KEEP OUT OF THE REACH OF CHILDREN.**

##### GHS Hazard Pictograms

According to GHS not classified as hazardous substance or mixture

##### GHS Signal Word

According to GHS not classified as hazardous substance or mixture

##### GHS Hazard Statement

According to GHS not classified as hazardous substance or mixture

##### GHS Precautionary Statements

According to GHS not classified as hazardous substance or mixture

##### NFPA

Health: 1

Flammability: 1

Reactivity : 0

##### HMIS

Health : 1



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Flammability: 1  
Physical Hazard: 1

This product should not be used for any other purpose than the intended use.

#### 3. Composition/Information on Ingredients:

##### Substances:

Mixture of the following chemicals: Linseed Stand Oil (CAS 8001-26-1) < 91%

*The remainder of the formulation is composed of proprietary non-hazardous ingredients.*

#### 4. First Aid Measures

**Show this Safety Data Sheet to the doctor in attendance.**

Inhalation	If you experience difficulty in breathing, leave the area to obtain fresh air. Contact a physician immediately. If unconscious, place in recovery position and contact medical attention immediately.
Skin Contact	In case of skin contact, remove contaminated clothing and shoes immediately. Wash thoroughly with soap and plenty of water. Contact a physician immediately if irritation occurs.
Eye Contact	In case of eye contact, flush thoroughly with plenty of water for 15 minutes. Contact a physician immediately if irritation occurs. Continue rinsing eyes during transport to a medical facility.
Ingestion	If swallowed, <b>do not induce vomiting</b> . Rinse mouth. <b>Contact a physician immediately.</b>

#### 5. Firefighting Measures

Extinguishing Media	Water fog, foam, carbon dioxide or dry chemical equipment.
Fire/Explosion Hazards	Hazardous decomposition products due to incomplete combustion.
Flashpoint/Flammability	> 200 ° F Not flammable
Fire-fighting Procedures	Fire-Fighters should wear appropriate protective equipment and self-contained breathing apparatus with a full face-piece operated in positive pressure mode. Containers may explode when heated. Do not allow run-off from fire fighting to enter drains or water courses.

#### 6. Accidental Release Measures

Methods and Materials for Containment and Cleaning up	Ensure adequate ventilation. Spills may produce slippery conditions. Contain spill. Recover as much as possible. Absorb remainder with non-combustible material, vermiculite or other inert material. Place into closed container and store in a safe location to await disposal. Wash the spill area with soap and water. Dispose of saturated absorbent or cleaning materials appropriately, since spontaneous heating may occur.
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## 7. Handling and Storage

Safe Handling	Use under ventilated conditions. Avoid eye and skin contact. For personal protection, we recommend that employees wash thoroughly after handling product. Always wash before eating, smoking or using toilet facilities. Keep container closed when not in use. Keep container upright to prevent leakage. Do not smoke while using this product.
Environmental precautions	No product should be released to the environment. Keep container closed when not in use. Keep container upright to prevent leakage. If the product contaminates rivers and lakes or drains inform respective authorities.
Storage	Avoid fire, flames and strong oxidizers. Handle with care. Keep in a well ventilated area. Observe label precautions. Store in a cool place. Keep in a sealed container. Dispose of saturated absorbent or cleaning materials appropriately, since spontaneous heating may occur. <b>To avoid spontaneous combustion during temporary storage, soak soiled rags and waste immediately after use in a water-filled, closed metal container.</b>

## 8. Exposure Controls/Personal Protection

Personal Protective Equipment	Wear tightly fitting safety goggles where spills, splashing or mist may occur. Wear water resistant impervious gloves if handling bulk amounts. Use respirators and components tested and approved under government standards such as NIOSH (USA).
Exposure Limits (USA)	Not available for this mixture.
Respiratory and Ventilation	Wear approved NIOSH/MSHA respirator if exposure to mist or vapor exceed applicable PEL/TLV limits. Use in accordance with manufacturer's use limitations and OSHA STANDARD 1910-34. Local ventilation may be used to prevent routine inhalation.
Skin Protection	Wear water resistant impervious gloves if handling bulk amounts.
Eye Protection	Wear goggles where spills or splashing may occur.

## 9. Physical and Chemical Properties

Appearance	Liquid
Physical State	Liquid
Color	Clear
Odor	Linseed
State (pH)	Not applicable
Specific Gravity	Not determined for the mixture.
Viscosity	45 - 50 mPas
Flashpoint	> 200 °F
Melting point/ freezing point	Not determined for the mixture. ( <i>Linseed oil</i> : -20 °C)



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Boiling Point (range)	Not determined for the mixture. ( <i>Linseed oil</i> : > 350 °C)
Evaporation Rate	Not determined
Upper Explosion Limit	Not determined
Lower Explosion Limit	Not determined
Auto Ignition Temperature	Not determined
Relative Density	Not determined
Relative Vapor Density	Not determined
Density	Not determined for the mixture. ( <i>Linseed oil</i> : 0.926 - 0.933 g/cm <sup>3</sup> (20 °C))
Vapor Pressure	Not determined
Solubility in water	Not determined for the mixture. ( <i>Linseed oil</i> : < 0.001 g/l (20 °C))

**10. Stability and Reactivity**

Reactivity:	No dangerous reaction known under conditions of normal use. Refer to Section 5 through 8.
Chemical Stability	Stable under recommended storage conditions.
Conditions to Avoid	Risk of self-combustion from drying oils on used towels/rags. Avoid all sources of ignition (Heat, sparks and flames).
Incompatible materials	Keep away from sources of ignition. Incompatible with strong oxidizing agents.
Hazardous Decomposition Products	Carbon Dioxide, carbon monoxide. Smoke. Decomposition products depend on conditions.

**11. Toxicological Information**

*Studies have not been performed on this particular mixture.*

**When used and handled according to specifications, the product is not expected to have any harmful effects.**

Health Effects	May cause eye irritation.
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*The toxicity values listed below are based on published literature values for the pure components.*

**Linseed Stand Oil**

Acute Toxicity (oral) LD50 (Rat) > 4,897 mg/kg

Acute Toxicity (dermal) LD50 (Rat) > 2,000 mg/kg

Acute Toxicity (inhalation) No data available.

Acute Toxicity No effects are likely to occur during the foreseeable and reasonable use of the product.

Eye Effects May cause eye irritation.

Skin Effects No effects are likely to occur during the foreseeable and reasonable use of the product.

Inhalation No effects are likely to occur during the foreseeable and reasonable use of the product.



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Sensitization	No effects are likely to occur during the foreseeable and reasonable use of the product.
Ingestion	No effects are likely to occur during the foreseeable and reasonable use of the product.
Chronic Effects	None known for the usual and ordinary uses of this product.
<u>Additional toxicological information:</u>	When used and handled according to specifications, the product is not expected to have any harmful effects according to past experience and the information provided.
<u>NTP</u>	Not applicable to product.
<u>IARC</u>	Not applicable to product.
<u>ACGIH</u>	Not applicable to product.
<u>OSHA</u>	Not applicable to product.

### 12. Ecological Information

Toxicity:	No product should be released to the environment. It is not expected to have significant environmental effects when used and disposed as directed.
Aquatic toxicity	Studies have not been performed on this particular mixture.

*The toxicity information listed below are based on published literature values for the pure components.*

#### **Linseed Stand Oil**

<i>Fish toxicity:</i>	<i>LC50 (Brachydanio rerio (zebrafish)): 1,000 mg/L</i> <i>Exposure time: 96 h</i>
<i>Daphnia toxicity:</i>	<i>EL50 &gt; 100 mg/L</i> <i>Exposure time: 48 h</i>
<i>Algae toxicity:</i>	<i>EL50 (Pseudokirchneriella subcapitata (green algae)): &gt; 100 mg/L</i> <i>Exposure time: 72 h</i>
<i>Persistence and degradability</i>	<i>Not readily biodegradable</i>

Persistence and degradability	No information available for the mixture.
Bioaccumulate potential	No information available for the mixture.
Mobility in soil	No information available for the mixture.
Additional ecological information	As a general rule, no product should be released to the environment. The product should not be allowed to enter drains, water courses, or be deposited where it can affect ground or surface water.

### 13. Disposal Considerations

Dispose of all waste material in accordance with all applicable federal, state and local regulations. Handle with care. Do not dispose of waste into sewer.

### 14. Transport Information

This product is not hazardous for shipping via any mode.

<b>DOT</b>	This regulation does not apply to the non-bulk material.
<b>IMDG</b>	This regulation does not apply to the non-bulk material.
<b>ICAO/IATA</b>	This regulation does not apply to the non-bulk material.



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*This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the materials.*

#### 15. Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture.

SARA	Not applicable to this mixture.
Section 313 (specific toxic chemical listing)	Not applicable to this mixture.
TSCA (Toxic Substance Control Act)	All ingredients are listed.

#### **California Proposition 65**

As of July 29, 2022 this product contains no listed substances known to the State of California to cause cancer, birth defects or other reproductive harm, at concentrations which would require a warning under the statute.

Carcinogenicity categories	Not applicable to this mixture.
EPA (Environmental Protection Agency)	Not applicable to this mixture.
TLV (Threshold Limit Value established by ACGIH)	Not applicable to this mixture.
NIOSH (National Institute for Occupational Safety & Health)	Not applicable to this mixture.
OSHA (Occupational Safety & Health Administration)	Not applicable to this mixture.

#### 16. Other Information

Reason for Issue:	New GHS SDS
Prepared by:	ENVIRONMENTAL MEDICINE, INC. 778 Carver Avenue WESTWOOD, NJ 07675 jaegerr@envmed.com 201-666-7929 x13

The information contained in this Safety Data Sheet was compiled using the latest and most reliable information available to the preparer from the manufacturer. The information is provided without any warranty, express or implied regarding its correctness or accuracy nor will the manufacturer assume any liability for any loss or damage arising out of the use of this information including without limitation direct or indirect losses or expenses. To the extent permitted by law, no warranty expressed or implied regarding the product described herein shall be created by or inferred from any state or omission for this SDS. It is solely the responsibility of the user to determine safe conditions for use of this product and to assume liability for any loss, damage or expense whatsoever arising out of the product's improper use.

#### **Abbreviations and acronyms:**

**NFPA (SCALE 0-4) National Fire Protection Association (USA)**

Health: **1 Caution:** May be irritating

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Fire:

**0** Not Combustible

Reactivity:

**0 Stable:** Not reactive when mixed with water.**HMIS ( SCALE 0-4) Hazardous Materials  
Identification System (USA)**

Health:

**1 Slight Hazard:** Irritation or minor reversible injury possible.

Fire:

**1 Slight Hazard:** Materials that must be preheated before ignition will occur. Includes liquids, solids and semi solids having a flash point above 200 F (Class IIIB)

Physical Hazard:

**1 Slight Hazard.** Materials that are normally stable, but can become unstable (self-react) at high temperatures and pressures. Materials may react non-violently with water or undergo hazardous polymerization in the absence of inhibitors.