AMMO SAFETY DATA SHEET (MSDS)

According to Regulation (EC) No. 1907/2006

OILBRUSHER PAINT AMIG-3500 / 3599

English	Revision date / valid from: 06/02/2018	Version: 2

1. Identification of the substance/mixture and of the company/undertaking

Trade Name	OILBRUSHER AMMO A.MIG-3500 – A.MIG-3599
Use of the substance/Mixture	Oil colours for modelling
Company	AMMO of Mig Jimenez, S.L.
Address	C/ Mauriain 3. 31132 Villatuerta, Navarra (Spain)
Telephone	+34 948 552 882
Email	info@migjimenez.com
Website	https://www.migjimenez.com
Emergency telephone number	+34 902 104 104. Emergency for intoxications and transport accidents. Service available 24h.

UFI NUMBER: KQ7P-E2QM-6A0F-E7CV

2. Hazards identification

Classification:
Not classified as hazardous for health or environment.

Most important hazards:
Risk for spontaneous combustion if linseed oil is absorbed by porous organic material (cotton waste or rag). This oxidation, which give rise to heat, can happen even at room temperature, but raised temperature increases the risk.

3. Composition/information on ingredients

3.1 Mixture

Chemical Nature: Mixture of Linseed oil with pigments
35-55% Linseed Oil.
Nº CAS: 8001-26-1
15-50% Iron oxide C.I. Pigment Brown 7. 77491 (raw Nature)
Nº CAS: 1309-37-1
15-50% Titanium dioxide
Nº CAS: 13463-67-7
<10% Hydrocarbons, C11-C13, isoalkanes, <2% aromatics

4. First aid measures

Inhalation Not relevant, except when spraying the product. Move to fresh air and rest if irritation occurs.
Skin contact Wash the skin with soap or linseed oil soap and water.
Eye Contact Remove contact lenses. Rinse the eyes for a couple of minutes.
If symptoms persist, seek a physician.
Ingestion Drink copious amount of milk or water. The product is a laxative in large amounts, but no risk for intoxication.
First aid equipment Access to water for rinsing eyes at the working place.

5. Firefighting measures

Suitable extinguishing media: Extinguish with foam, carbon dioxide, powder, water spray.
Extinguishing media, which must not be used for safety reasons: Water jet.
Fire and explosion hazards: Self-extinguishing at 343°C. Avoid smoke from the combustion.
Special protective equipment for fire fighters: Wear self-contained breathing apparatus for firefighting if necessary.
Other information: Remove combustible material, Cool surfaces and containers exposed to fire.
ADR. If fire during transport Switch of the motor. Keep away ignition sources. Fire extinguisher should be present during transportation.

6. Accidental release measures

Measurements for personal protection: Wash with soap or linseed oil soap and water.
Measurements for environmental protection: The product will float on water and can be removed mechanically. Prevent discharge in the sewage system.
Methods for cleaning up. Make embankments with sand, soil or similar and collect.
Small amounts could be washed away with water. The product is not hazardous waste and is easily biodegradable in nature.
Not suitable cleaning methods: If organic fibrous material is used for cleaning, it is a fire risk and the material should be soaked in water.
Measurement when accident during transport. ADR: Switch of the motor. Keep away ignition sources. Make embankments as above.

7. Handling and storage

Handling: Be aware of fire hazard in porous organic materials. Immerse rags in water.
Storage: Store at room temperature. Keep away from children.
Preventing action: None
Specific use See point 1

8. Exposure controls/personal protection

Recommended monitoring procedures: None

Technical Measures/ Precautions: Good ventilation during painting. The product demands oxygen when drying and therefore air thoroughly.

Respiratory protection: None when painting. If polishing or grinding dried product a dust mask could be used. If occupational exposure value is surpassed use, half mask with particle filter and filter A.

Hand protection (Material/Permeation time): None

Eye protection: None

Skin protection: Normal working clothes. No special protection.

9. Physical and chemical properties

Form: pasty
Colour: Characteristic
Odour: weak
Odour Threshold: no data available
pH: no data available
Boiling point 349 °C
Melting point -19°C
Flash point 222°C
Auto ignition temperature 343°C
Oxidizing properties oxidizing. Can self-ignite in porous materials
Solubility in water: Can only emulsify and is not soluble in water.
Solubility in other solvents: The product is partially soluble in many solvents, but it is not recommended to mix with solvents.
Partition coefficient n-octanol/water: Floats on water
VOC content <38 g/l
Emission factor, Total volatile organic compounds, TVOC:
64 µg/(m2xh) after 4 week of drying time of linseed oil paint (pure linseed oil is not tested).
18 µg/(m2 xh) after 26 weeks of drying time oil paint.

10. Stability and reactivity

Conditions to avoid: Do not store above room temperature and not below 4°C
Material to avoid: Strong acids, bases and oxidizing agents.
It reacts violently with hypochlorite.
Hazardous decomposition products: None
Stability Stable at normal storage conditions.

11. Toxicological information

General information: Linseed oil is a common animal nutrition additive and has no known toxicological hazards. There are even some studies that indicate positive health effects of new pressed linseed oil. The added siccative in boiled linseed oil makes it however unsuitable to ingest.
Inhalation: Only a risk when spraying the product. The product could cause irritation if occupational exposure limit for oil mist is surpassed. The product consumes oxygen when drying and good ventilation is necessary. If inferior ventilation exists, there is a risk for headache.
Skin contact: Repeated contact might dry out the skin, but during normal use, there is no hazard.
Acute toxicity: Linseed oil: >15000 mg/kg body weight.
Ingestion: Linseed oil is a laxative, but single ingestion will not give raise to any hazard.
Sensitization: Not a sensitizer.
Carcinogenic effects: None known.
Reproductive toxicity: None known.

12. Ecological information

Acute toxicity for aquatic organisms (OECD): The product is not toxic to aquatic organisms.

Persistency and biodegradation: The linseed oil is easily biodegradable.

Bioaccumulation: The product will not bioaccumulate.

PBT Assessment: The product does not contain any PBT or vPvB substance.

13. Disposal considerations

Waste code EWC: Depends where the waste is produced, but suitable codes are
02 02 03, 20 01 28 or 08 01 13.
The product is hazardous waste: No
Package disposal: Can be sorted as plastic (polypropylene) if properly cleaned.
Suitable disposal measurements: Must be incinerated in a suitable incineration plant holding a permit delivered by the competent authorities.

14. Transport information

Not dangerous goods for ADR, RID, IMDG and IATA.

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

Not applicable.

14.4. Packaging group

Not applicable.

14.5. Environmental hazards

Not applicable.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code IMDG:

IMDG: Not applicable.

Further information for transport

Not dangerous goods in the meaning of ADR/RID, ADNR, IMDG-Code, ICAO/IATA-DGR

15. Regulatory information

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

15.2. Chemical safety assessment

A Chemical Safety Assessment has been carried out for this substance.

16. Other information

Key literature references and sources for data: Supplier information and data from the "Database of registered substances" of the European Chemicals Agency (ECHA) were used to create this safety data sheet.

Other information: The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. Restricted to professional users. Attention – Avoid exposure - obtain special instructions before use.