IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

AMIG-1700-1709	Heavy Mud MIG JIMENEZ S.L.
AMIG-1750-1759	Splashes MIG JIMENEZ S.L.

UFI: 8DMA-W1UV-Q50W-X89N

1.2 Relevant identified uses of the substance or mixture and uses advised against

Mineral essence-based enamel for effects on models, figures, etc.

1.3 Details of the supplier of the safety data sheet

Mig Jimenez, S.L.
PI Miguel de Eguía. C/Zarapuz 3. 31200 Estella, Navarra (Spain)
Phone: +34 948 552 882
Email: order@ammo.es
Web: www.migjimenez.com

1.4 Emergency telephone number

Phone: +34 917689800 Instituto Nacional de Toxicología y Ciencias Forenses (INTCF)

2 HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture

According to Regulation (EC) No 1272/2008 (CLP):

Hazard class	Hazard category	Target organs	Hazard statements
Aspiration hazard	Category 1	-	H304

2.2 Label elements

According to Regulation (EU) No 1272/2008:



Signal word: **DANGER**

Hazard statements:

H304 May be fatal if swallowed and enters airways.

Precautionary statements:

P102 Keep out of reach of children.
P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P331 Do NOT induce vomiting.
P405 Store locked up.
P501 Dispose of contents/container in accordance with local regulations.

Contains: Hydrocarbons, C11-13, isoalkanes, <2% aromatics

2.3 Other hazards
See section 12.5 for results of PBT and vPvB assessment.

3 COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances
Not applicable

3.2 Mixtures
Chemical nature:

Mixture of isoparaffinic hydrocarbon with oils and pigments.

Hazardous components	**Amount (%)**	**Classification (REGLAMENTO (CE) No 1272/2008)**		
Calcium sulfate hemihydrate				
EC No: 600-067-1	50-70%			
Hydrocarbons, C11-13, isoalkanes, <2% aromatics				
EC No: 920-901-0 CAS no: 246538-78-3	10-20%	Asp. Tox.1	H304	
White Spirit (Naphtha, hydrotreated heavy)				
EC No.: 265-150-3 CAS NO. 64742-48-9 Benzene<0.1%ww	10-20%	Asp. Tox.1	H304	
Iron oxide pigments				
235-784-5	10-20%	-	-	-
Linseed oil				
232-278-6	10-20%	-	-	-

4 FIRST AID MEASURES

4.1 Description of first aid measures
GENERAL INDICATIONS: Take the person outdoors. Remove contaminated clothing immediately.

INGESTION: Do not induce vomiting. Do not give anything by mouth. If vomiting occurs spontaneously, keep the head below the hips to prevent aspiration. Call a doctor.

INHALATION: Move the affected person to fresh air and keep them at rest. If breathing is irregular or stops, perform artificial respiration. If unconscious, place in a suitable recovery position. If there is no rapid recovery, transport to the nearest medical service for further treatment.

EYE CONTACT: Rinse eyes immediately with plenty of water for at least 15 minutes while keeping the eyes open. Transport to the nearest medical service. Avoid rubbing or closing the eyes. If the injured person wears contact lenses, they should be removed unless they are stuck to the eyes, as this could cause additional damage.

SKIN CONTACT: Remove contaminated clothing immediately. Wash the exposed area immediately with plenty of water and soap. Seek medical assistance. If the product causes burns or frostbite, do not remove the clothing as it could worsen the injury if it is stuck to the skin. If blisters form on the skin, they should never be burst as this increases the risk of infection.

4.2 Most important symptoms and effects, both acute and delayed
Symptoms: See Section 11 for more detailed information on health effects and symptoms.
Effects: See Section 11 for more detailed information on health effects and symptoms.

4.3 Indication of any immediate medical attention and special treatment needed
Treatment: Treat symptomatically. No additional information available.

5 FIREFIGHTING MEASURES

5.1 Extinguishing media
Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry powder, or carbon dioxide.

Unsuitable extinguishing media: High volume water jet.

5.2 Special hazards arising from the substance or mixture
Specific hazards in firefighting: The product is insoluble and floats on water. Vapors are heavier than air and spread over the ground. Vapor/water mixtures are explosive with intense heating.

5.3 Advice for firefighters
Special protective equipment for firefighters: In case of fire, protect yourself with self-contained breathing apparatus. Wear appropriate body protection (full protective suit).

Additional advice: Cool closed containers exposed to fire with water spray. Collect extinguishing water separately; it must not penetrate the sewer system.

6 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment, and emergency procedures
Use personal protective equipment. Keep people away from the spill area and upwind. Avoid contact with eyes and skin.

6.2 Environmental precautions
Do not discharge into surface waters or the sewer system. If the product contaminates rivers, lakes or sewers, inform the respective authorities. Avoid penetration into the ground. Local authorities must be informed if significant spills cannot be contained.

6.3 Methods and material for containment and cleaning up
Remove with absorbent material (sand, kieselguhr, acid binder, universal binder). Dispose of the product and its container as hazardous waste. Ensure proper ventilation.

6.4 Reference to other sections
For exposure control and personal protection measures, see section 8.
For waste disposal, follow the recommendations in section 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Keep the container tightly closed. Handle and open the container with care. Ensure adequate ventilation, especially in enclosed spaces. In case of insufficient ventilation, use appropriate respiratory equipment.

Avoid contact with skin, eyes, and clothing. Wash hands before breaks and after work. Keep away from food, drinks, and animal feed.

7.2 Conditions for safe storage, including any incompatibilities

Technical requirements for storage and containers: Suitable materials for containers: Stainless steel; polyethylene; Unsuitable materials for containers: natural rubber; butyl rubber.

Fire and explosion protection indications: Keep away from all flames or spark sources - No smoking. Take measures to prevent the accumulation of electrostatic charges. Use explosion-proof equipment.

Additional information on storage conditions: Store tightly closed in a dry and cool place. Keep away from direct sunlight. Storage indications: Incompatible with oxidizing agents.

7.3 Specific end uses:

No data available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters:

Exposure limit: No data available.

8.2 Exposure controls:

Technical measures	Provide adequate ventilation, which can be achieved through good local exhaust ventilation and a good general extraction system.
Respiratory protection	In case of high concentrations (see OEL), use self-contained breathing apparatus with a filter for organic vapors. CE marked. The mask should have a wide field of vision and an anatomical shape to offer tightness and hermeticity.
Hand protection	Protective rubber gloves.
Eye protection	Full protection goggles.
Skin protection	If splashes are expected, use full protective equipment.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

Physical state: PASTE.
Color: characteristic.
Odor: no data.
Melting point: no data.
Boiling point/range: 170-250ºC.
Flammability: no data.
Upper and lower explosion limits: lower: 7.0 %(v) - upper: 0.6 %(v).
Flash point: > 61 °C (Method: ASTM D 93).
Auto-ignition temperature: > 200 °C.
Decomposition temperature: No data available.
pH (1% H2O): No data.

Kinematic viscosity: 2.5 mm²/s (20 °C).
Water solubility: practically insoluble.
Partition coefficient n-octanol/water (log Pow): no data available.
Vapor pressure (20ºC): 0.4 hPa (20 °C).
Relative density: 0.731 - 0.851 (15 °C).
Relative vapor density: no data
Particle characteristics: The molecule does not have chemical groups associated with explosive properties.

9.2 Other data:
No additional information.

10. STABILITY AND REACTIVITY

10.1 Reactivity
No dangerous reactions are expected if the technical storage instructions are followed.

10.2 Chemical stability
Stable under normal conditions.

10.3 Possibility of hazardous reactions
No information available.

10.4 Conditions to avoid
Keep away from direct sunlight. Heat, flames, and sparks. Direct sources of heat.

10.5 Incompatible materials
Strong oxidizing agents.

10.6 Hazardous decomposition products
None under normal storage conditions.

11. TOXICOLOGICAL INFORMATION

11.1 Information on hazard classes defined in Regulation (EC) No 1272/2008

Toxicological data	Dermal: LD50 > 5000 mg/Kg rabbit Oral: LD50 > 5000 mg/Kg rat Inhalation: CL50>8500 mg/m³ (8h)
Skin corrosion	Degreases the skin. Prolonged skin contact may cause skin irritation and/or dermatitis.
Eye damage	Causes discomfort in the eyes but does not damage eye tissues.
Respiratory sensitization	Inhalation of vapors may cause respiratory system irritation in highly susceptible individuals. May cause headache and dizziness.

11.2 Information on other hazards
Endocrine disruption properties: Does not have potential for endocrine system disruption.
Other hazards: None known.

12. ECOLOGICAL INFORMATION

12.1 Toxicity:

Name			**Ecotoxicity**
Type	**Test**	**Species**	**Value**
Fish	LL0	Pimephales promelas	1000 mg/l (96h)

Aquatic invertebrates	NOELR	Daphnia magna	1 mg/l 504h)
Aquatic plants	NOELR	Green algae	>1000 mg/L (72h)

12.2 Persistence and degradability
The product evaporates easily from the water surface.
Rapid elimination in air.
Biodegradability period 28 days: Inherently biodegradable.

12.3 Bioaccumulative potential
No data available.

12.4 Mobility in soil
No data available.

12.5 Results of PBT and vPvB assessment
According to Annex XII of Regulation (EC) No 1907/2006 concerning the registration, evaluation, authorization, and restriction of chemicals (REACH): Does not meet the criteria for classification as PBT (persistent/bioaccumulative/toxic) or vPvB (very persistent/very bioaccumulative) substances.

12.6 Endocrine disrupting properties
Not classified as CMR, does not have potential for endocrine system disruption.

12.7 Other adverse effects
Not potentially hazardous to the ozone layer.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods
Product:
Recover or recycle if possible.

Contaminated packaging:
Disposal must be carried out in accordance with regional, national, and local laws and regulations.

14. TRANSPORT INFORMATION

Non-dangerous goods for ADR, RID, IMDG and IATA.

14.1 UN number or ID number Not applicable.

14.2 UN proper shipping name Not applicable.

14.3 Transport hazard class(es) Not applicable.

LABEL: Not applicable.

14.4 Packing group Not applicable.

14.5 Environmental hazards Not applicable.

14.6 Special precautions for user Not applicable.

14.7 Maritime transport in bulk according to IMO instruments

Not applicable.

15. REGULATORY INFORMATION

15.1 Safety, health, and environmental regulations specific for the substance or mixture
For the preparation of this safety data sheet, Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labeling, and packaging of substances and mixtures (CLP) has been taken into account.

The product is not affected by Regulation (EC) No 1005/2009 of the European Parliament and of the Council of 29 June 2000 on substances that deplete the ozone layer.

Regulation (EU) No 649/2012 concerning the export and import of hazardous chemicals: not relevant.

Active substances included in Article 95 of Regulation (EU) No 528/2012: not relevant.

15.2 Chemical safety assessment:
The Chemical Safety Study has not yet been carried out due to registration deadlines.

16. OTHER INFORMATION

This product must be stored, handled, and used according to good hygiene procedures. This information reflects current knowledge. It describes the product and should not be interpreted as a sales specification.

Its application does not exclude compliance with current legal regulations.

The use of this information and the conditions of use of the product are the sole responsibility of the user.

Sources of information: Safety data sheets from our suppliers, to whose knowledge we refer.