



SAFETY DATA SHEET (REACH)



Product Name: **RAL 7047**

Rev.: **1** Revision date: 19/12/2019

SECTION 1: IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND THE COMPANY

- 1.1. Product Identifier:** White Mate Base with pigment pastes.
- 1.2. Relevant identified uses of the substance or mixture and uses advised against:** Relevant uses: Interior/Exterior Decorative Paint.
Uses advised against: Any other relevant use different purpose.
- 1.3. Details of the supplier of the safety data sheet:**
Mediterránea de Pinturas Plásticas.
Address: C/ Padre Eduardo Jover, 37. Albalat dels Sorells (Valencia)
Phone: +34 961.49.58.22
Fax: +34 961.48.00.02
labcovalpi@telefonica.net
- 1.4. Emergency number:** +34 961.49.58.22 (8:00- 14:00)

SECTION 2: HAZARDS IDENTIFICATION

- 2.1. Classification of the substance or mixture:**
According to Directive 1999/45 / EC, the mixture is not classified as dangerous.
- 2.2. Label elements:** According to **Directive 1999/45 / EC:**
Hazard:
EUH208: Contains mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one [EC no. 247-500-7], 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3: 1). May produce an allergic reaction.
Precautionary statements:
P101: If medical advice is needed, have on hand the container or label.
P102: Keep out of reach of children.
P103: Read label before use.
P261: Avoid breathing vapours / spray, if applied by spray.
P262: Avoid contact with eyes, skin or clothing.
P271: Use outdoors or in a well-ventilated area.
P273: Avoid release to the environment.
P501: Dispose of contents and / or containers in accordance with current regulations.
- 2.3. Other hazards:**
Not relevant.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

- 3.1. Substances:**
Not applicable.
- 3.2. Mixtures:**
Chemical Description: Aqueous mixture consisting of additives, pigments, fillers, coalescing and emulsions.
Components: According to Annex II of Regulation (EC) n°1907 / 2006 (item 3), the product features:



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Identification	Chemical Name/Classification		Concentration	
CAS: 55965-84-9 CE: Not applicable Index: 613-167-00-5 REACH: Not applicable	Mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one [EC no. 247-500-7], 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3: 1)		ATP CLP00	
	Regulation 1272/2008:	3.4.2/1-1A-1B Skin Sens. 1,1A,1B H317		<0,16 %
		3.2/1B Skin Corr. 1B H314		
		4.1/A1 Aquatic Acute 1 H400 4.1/C1 Aquatic Chronic 1 H410		
		3.1/3/Oral Acute Tox. 3 H301 3.1/3/Dermal Acute Tox. 3 H311 3.1/3/Inhal Acute Tox. 3 H331		
Benzylhemiformal / benzylalcoholmono (poly) hemiformal			<0,075 %	
Regulation 1272/2008:	3.1/4/Oral Acute Tox. 4 H302 3.1/4/Dermal Acute Tox. 4 H312 3.2/2 Skin Irrit. 2 H315 3.8/3 STOT SE 3 H335			
	3.3/1 Eye Dam. 1 H318			

For more information on the risk of the substances consult epigraphs 8, 11, 12, 15 and 16.

SECTION 4: FIRST AID

4.1. Description of first aid :

Symptoms as a result of poisoning may even occur after exposure, so, in case of doubt, direct exposure to chemical or persistent discomfort seek medical attention, showing the safety data sheet for this product.

Inhalation:

It is a product that does not contain classified as hazardous by inhalation substances, however, if symptoms of poisoning take the affected area exposure and provide fresh air. Seek medical attention if symptoms worsen or persist.

By skin contact:

It is a product that does not contain classified as hazardous in contact with skin substances, however, if contact is recommended to clean the affected area with water and mild soap drag area.

By contact with eyes:

It is a product that does not contain classified as dangerous substances eye contact. Rinse for at least 15 minutes with water at room temperature, preventing the affected rub or close your eyes.

Ingestion / aspiration:

Do not induce vomiting, if it occurs keep head tilted forward to prevent aspiration. Keep the patient at rest. Rinse mouth and throat, as there is a possibility that have been affected by ingestion.

4.2. Most important symptoms and effects, both acute and delayed:

Acute and delayed effects are indicated in section 11.

4.3. Indication of immediate medical attention and special treatment needed immediately:

Not relevant



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SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing Media:

Nonflammable product under normal conditions of storage, handling and use. If ignition occurs as a result of handling, storage or misuse preferably use polyvalent powder extinguishers (ABC powder), according to the Rules of fire protection installations (Royal Decree 1942/1993 and subsequent amendments).

5.2. Special hazards arising from the substance or mixture:

Based on combustion or thermal decomposition reaction byproducts that can be highly toxic and, consequently, can present a high risk to health are generated. Following combustion situations, they can be released complex mixtures of chemicals: carbon dioxide (CO₂), carbon monoxide and other organic compounds.

5.3. Advice for firefighters:

Depending on the magnitude of the fire may be necessary to use full protective clothing and SCBA. Have a minimum of emergency facilities or elements (fire blankets, portable first aid kit, ...) according to Royal Decree 486/1997 and subsequent amendments.

SECTION 6: MEASURES ACCIDENTAL RELEASE

6.1. Personal precautions, protective equipment and emergency procedures:

Isolate leaks provided that does not pose an additional risk to persons performing this function. Given the potential exposure to the spilled product it is made mandatory the use of personal protection equipment (see section 8). Evacuate the area and keep people away without protection.

6.2. Environmental precautions:

Avoid discharge into the aquatic environment because it contains dangerous substances for the same. Contain the absorbed / product collected in sealable containers Report large spills in the aquatic environment to the competent authority.

6.3. Methods and materials for containment and cleaning up:

It is recommended:

Absorb spillage with sand or inert absorbent and remove to a safe place. Do not absorb in sawdust or other combustible absorbents. For any concern related to disposal consult section 13.

6.4. References to other sections

See sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling:

7.1.1 General recommendations:

Comply with the law on prevention of occupational hazards. Keep container tightly closed. Control spills and waste, eliminating them with safe methods (section 6). Avoid free discharge from the container. Maintain order and cleanliness where dangerous products are handled. Nonflammable product under normal conditions of storage, handling and use. See section 10 on conditions and materials to be avoided. It is recommended to have absorbent material in the vicinity of the product (see section 6.3).

7.1.2 Recommendations on general hygiene measures at work:

Do not eat, drink or smoke in work areas; wash your hands after each use, and shed clothing and protective equipment contaminated before entering eating areas.

7.2. Conditions for safe storage, including any incompatibilities:

A.- Technical measures for storage.

ITC (Royal Decree 379/2001):	Not relevant
Classification:	Not relevant
T ^a minimum:	5°C
Maximum Temp:	30 °C

B.- General conditions for storage.

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see section 10.5.

7.3. Specific end uses:

No need for special recommendations regarding the use identified in section 1.2.



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SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters:

Substances whose occupational exposure limit values that require monitoring at the workplace: The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace

8.2. Exposure control:

8.2.1. Appropriate engineering controls: No additional controls on the information provided in section 7 are required.

8.2.2. Individual protection measures: The information below is a recommendation, its evaluation by the service prevention of occupational hazards in your company due to lack of additional prevention measures associated with the job being necessary. Protective equipment indicated must comply with Directive 89/686 / EEC and the corresponding certification CE marking in accordance with Royal Decree 1407/1992 and subsequent amendments.

a) Protection of eyes / face: the use of safety goggles is recommended integral mount splash risk: *CE Cat II. UNE-EN 166: 2002.*

b) Skin protection:

- Hand protection: the use of low chemical protection gloves is recommended: *CE Cat III according to EN 420 Dial: 2004 + A1: 2010 ERRATUM: 2011, EN 374 / 1-2004, EN 374 / 2-2004, EN 374 / 3-2004 / 2006 and EN 374: 2004*, except in case of previous injuries in which case that you must use a glove suitable for the type of injury determined by the medical service related prevention or the doctor treating your disease.

- Other: It is recommended to wear a uniform or separate personal clothing when working with the product in order to not directly exposed to it and protect personal clothing, for this reason since it is not a protective clothing specific this is not subject to certification in accordance with Royal Decree 1407/1992. Regarding the work shoes with a closed toe and non-slip safety footwear it is recommended: *CE Cat II S1P or above in compliance with the UNE-EN ISO 20347: 2013 and ISO 20344: 2011.*

c) Respiratory protection: In the case of environments without good ventilation, continued use and / or use of mechanical equipment such application Airless the use of mask with a particle filter is recommended: *CE Cat III FFP2 EN 149: 2001 + A1: 2010.*

d) Thermal hazards: No presents thermal hazard.

8.2.3. Environmental exposure controls: Under EU law on environmental protection will continue as described in section 7.1.d.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on physical and chemical properties:

- a) **Appearance:** grey viscous liquid.
- b) **Smell:** Characteristic of the emulsion used in its formulation.
- c) **Odour threshold:** Not determined
- d) **pH:** $7 < \text{pH} < 9$
- e) **Melting point / freezing point:** Not determined
- f) **Initial boiling point and boiling range:** Not determined
- g) **Flash point:** Not determined
- h) **Evaporation rate:** Not determined
- i) **Flammability:** Not specified
- j) **Upper / lower flammability or explosivity:** Not determined
- k) **Vapor Pressure:** Not determined
- l) **Vapor Density:** Not determined
- m) **Relative density:** $1,538 \pm 0.050$ g/cc
- n) **Solubility:** miscible in water (in any proportion).
- o) **Partition coefficient n-octanol / water:** Not determined
- p) **Auto-ignition temperature:** Not determined
- q) **Decomposition temperature:** Not determined



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r) **Viscosity:** 125 ±10 UK (25°C)

s) **Explosive properties:** Not determined

t) **Oxidising properties:** Not determined

* Undetermined: No feature provides information dangerousness

9.2. Additional Information:

EU limit value for this product (cat A / a): 30 g / l (2010)

Content max. VOC (cat A / a): **30 g / l**

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:

No hazardous reactions are expected if the technical instructions storage of chemicals are met. See section 7.

10.2 Chemical Stability:

Stable product under normal environmental conditions and under the conditions of storage, handling and use.

10.3 Possibilities of hazardous reactions:

No dangerous reactions under normal environmental conditions that may result from excess pressure or heat are known.

10.4 Conditions to avoid:

There is no normal ambient condition to be avoided (pressure and ambient temperature, sunlight, shock, static shock and vibration).

10.5 Incompatible materials:

No further relevant information available.

10.6 Hazardous decomposition products:

Depending on the decomposition conditions as a result of it can be released complex mixtures of chemicals: carbon dioxide (CO₂), carbon monoxide and other organic compounds. See the combustion products in Section 5.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects:

a) Acute toxicity:

In view of the available data, the classification criteria are not met, however, has classified as hazardous by ingestion, inhalation and skin contact substances. For more information see Section 3

b) Irritation

In view of the available data, the classification criteria are not met, however, has classified as hazardous by ingestion, inhalation and skin contact substances. For more information see Section 3.

c) Corrosivity:

In view of the available data, the classification criteria are not met, however, has classified as hazardous by ingestion, inhalation and skin contact substances. For more information see Section 3.

d) Sensitization:

Respiratory: In view of the available data, the classification criteria are met, not presenting classified as hazardous substances with sensitizing effects. For more information see sections 2, 3 and 15.

Dermal: In view of the available data, the classification criteria are not met, however, has classified as hazardous by ingestion, inhalation and skin contact substances. For more information see Section 3.

e), f), g) CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction):

In view of the available data, the classification criteria are not met, presenting not classified as hazardous substances the effects described. For more information see Section 3.



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h), i) Specific target organ toxicity (STOT) - single and repeated exposure:

In view of the available data, the classification criteria are not met, presenting not classified as dangerous for this effect substances. For more information see Section 3.

j) Aspiration hazard:

In view of the available data, the classification criteria are not met, presenting not classified as dangerous for this effect substances. For more information see Section 3.

Additional Information:

Not relevant.

Specific toxicological substances:

No available experimental data on the mixture itself concerning ecotoxicological properties.

Mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one [EC no 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no 220-239-6] (3: 1) - CAS: 55965-84-9

- Acute toxicity:
Test: LD50 - Route: Skin - Species: Rabbit = 660 mg/kg
Test: LD50 - Route: Oral - Species: Rat = 75 ppm
Test: LC50 - Route: Inhalation - Species: Rat = 0.33 mg/l

Benzylhemiformal / benzylalcoholmono (poly) hemiformal mixture:

- Acute toxicity :
Test: LD50 - Route: Oral - Species: Rat = 1700 mg/kg
Test: LC50 - Route: Inhalation - Species: > 502 mg/m3 - Duration: 4h

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity:

Mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one [EC no 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no 220-239-6] (3: 1) - CAS: 55965-84-9

- Acute aquatic toxicity:
Parameter: LC50 - Species: Fish = 0.28 mg/l
Parameter: EC50 - Species: Algae = 0.16 mg/l - Duration h.: 48

Mixture of Benzyl hemiformal / benzyl alcohol (mono)poly-hemiformal

- Acute aquatic toxicity:
Parameter: EC50 - Species: Daphnia = 43 mg/l - Duration h.: 48
Parameter: LC50 - Species: Algae = 17.7 mg/l - Duration h.: 72
Parameter: LC50 - Species: Fish = 81.5 mg/l - Duration h.: 96

Benzyl hemiformal / benzyl alcohol (mono)poly-hemiformal - CAS: 14548-60-8

- Acute aquatic toxicity:
Parameter: LC50 - Species: Fish 81.5 mg/l - Duration h.: 96
Parameter: EC50 - Species: Daphnia 43 mg/l - Duration h.: 48
Parameter: EC50 - Species: Bacterium 71 mg/l

12.2 Persistence and degradability:

Not available

12.3 Bioaccumulation potential:

Undetermined

12.4 Mobility in soil:

Undetermined

12.5 Results of PBT and vPvB assessment:

Not applicable

12.6 Other adverse effects:

Undescribed.



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SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Methods for the treatment of waste:

Code	Description	Type of waste (Regulation (UE) n° 1357/2014):
08 01 12	Waste paint and varnish other than those mentioned in 08 01 11	No dangerous

Type of waste (Regulation (UE) n°1357/2014)

Not relevant

Waste management (disposal and recovery):

Consult the authorized waste recovery operations and disposal in accordance with Annex 1 and 2 (Directive 2008/98 / EC, Law 22/2011).

According to codes 15 01 (2014/955 / EU) in the event that the package has been in direct contact with the product will be managed the same way as the product itself, otherwise it will be handled as hazardous waste. Discharged into waterways is discouraged. See section 6.2.

Legislation related to waste management:

According to Annex II of Regulation (EC) n°1907 / 2006 (REACH) Community or state provisions related to waste management are collected.

Community legislation: Directive 2008/98 / EC, 2014/955 / EU, Regulation (EU) No 1357/2014.

National legislation: Law 22/2011.

SECTION 14: TRANSPORT INFORMATION

14.7: This product is not regulated for transport (ADR / RID, IMDG, IATA)

14.1 UN number: This product is not regulated for transport (ADR / RID, IMDG, IATA)

14.2 Official designation of transport of the United Nations: This product is not regulated for transport (ADR / RID, IMDG, IATA)

14.3 Class transport hazards: This product is not regulated for transport (ADR / RID, IMDG, IATA)

14.4 Packaging group: This product is not regulated for transport (ADR / RID, IMDG, IATA)

14.5 Environmental hazards: This product is not regulated for transport (ADR / RID, IMDG, IATA)

14.6 Special precautions for users: This product is not regulated for transport (ADR / RID, IMDG, IATA)

14.7 Transport in bulk according to Annex II of MARPOL and IBC Code: This product is not regulated for transport (ADR / RID, IMDG, IATA)



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SECCIÓN 15: INFORMACION REGLAMENTARIA

15.1 Regulations and legislation on health, safety and specific for the substance or mixture:

Regulation (EC) No 528/2012: contains a preservative to protect the properties of the treated article. 1,2-benzisothiazole contains-3 (2H) -one, Mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one [EC no. 247-500-7], 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3: 1), (ethylenedioxy) dimethanol, Butylcarbamate 3-iodo-2-propynyl, carbendazim (ISO), terbutryn.

Candidate for authorization in Regulation (EC) 1907/2006 (REACH): Not relevant.

Substances included in Annex XIV of REACH (authorization list) and expiration date: Not relevant

Regulation (EC) 1005/2009 on substances that deplete the ozone layer: Not relevant

Active substances which have not been approved in accordance with Article 9 of Regulation (EU) No 528/2012: Mixture of: 5-chloro-2-methyl-2H-isothiazole-3-one [EC no. 247-500-7], 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3: 1) (except for the type of product 3, 7, 9, 10).

REGULATION (EU) No 649/2012 concerning the export and import of dangerous chemicals: Not relevant.

Restrictions on the marketing and use of certain dangerous substances and mixtures (Annex XVII of the REACH Regulation): Not relevant

Special provisions for the protection of persons or the environment:

It is recommended to use the information gathered in this safety data sheet as input to a risk assessment of local circumstances in order to establish the necessary measures to prevent risks to the handling, use, storage and disposal of this product ..

Other regulations:

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, amending and repealing Directives 67/548 / EEC and 1999 / 45 / EC and Regulation (EC) no 1907/2006 is modified.

Royal Decree 117/2003, of 31 January on the limitation of emissions of volatile organic compounds due to the use of solvents in certain activities.

Royal Decree 1436/2010, of 5 November, amending several royal decrees for transposing Directive 2008/112 / EC of the European Parliament and of the Council amending several directives to adapt them to Regulation (EC) No. 1272 / 2008 on classification, labeling and packaging of substances and mixtures.

15.2 Evaluation of the chemical safety:

There has not been carried out evaluation of the chemical safety of the mixture

SECTION 16: OTHER INFORMATION

a) Historical:

Review	Review date	Printing date
1	19/12/2019	19/12/2019

b) Abbreviations and acronyms:

- ADR: European Agreement concerning the international carriage of dangerous goods by road.
- RID: Regulation on the international transport of dangerous goods by rail.
- IMDG: International Maritime Dangerous Goods Code.
- IATA: International Air Transport Association.
- CAS: Registry Number "Chemical Abstracts Service".
- REACH: Regulation (EC) No. 1907/2006 (Registration, Evaluation, Authorisation and Restriction of chemical substances and mixtures).
- mPmB: very persistent and very bioaccumulative substances..
- PBT: persistent, bioaccumulative and toxic substances..
- LD50: Lethal Dose 50%
- LC50: Lethal Concentration 50%
- EC50: Effective Concentration 50%



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- IC50: Maximum average inhibitory concentration.
- MARPOL: International Convention for the Prevention of Pollution from Ships
- IBC: International Code for the Construction and Equipment of Ships bulk transport of dangerous chemicals
- ATP: Adaptations to technical progress of the CLP Regulation
- CLP: Regulation (EC) No 1272/2008 (acronym for classification, labeling and packaging of its acronym in English)
- ITC: Technical Instructions..
- UNE EN ISO: UNE EN official Spanish version of European standards. ISO International Organization for Standardization (International Organization for Standardization).
- COV/VOC: Volatile Organic Compounds.
- UE: European Union.

c) Main bibliographic sources:

<http://esis.jrc.ec.europa.eu>
<http://echa.europa.eu>
<http://eur-lex.europa.eu>

d) Classification procedure: Not relevant

e) Regulation nº1272 / 2008 (CLP):

Acute Tox. 3: H301 + H311 + H331 - Toxic if swallowed, by skin contact or inhalation.
Acute Tox. 3: H301 + H311 + H331 - Toxic if swallowed, in contact with skin or if inhaled.
Acute Tox. 4: H302 - Harmful if swallowed.
Acute Tox. 4: H312 - Harmful in contact with skin.
Aquatic Acute 1: H400 - Very toxic to aquatic organisms.
Aquatic Chronic 1: H410 - Very toxic to aquatic organisms, with long-lasting harmful effects.
Eye Dam. 1: H318 - Causes serious eye damage.
Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.
Skin Irrit. 2: H315 - Causes skin irritation.
Skin Sens. 1: H317 - May cause an allergic skin reaction.
STOT SE 3: H336 - May cause drowsiness or dizziness

f) Advice on training:

Minimal training is recommended in prevention of occupational hazards to personnel who will handle this product, in order to facilitate the understanding and interpretation of this safety data sheet and product labeling.

The information contained in this safety data sheet is based on our present state of knowledge and is given in good faith and in our experience. This has been excerpted from the safety data sheets of raw materials manufacturers.

This safety data sheet complements the technical sheet for the use of our product, but does not replace it. The information on this tab in any case represents guarantee of technical specifications and product recommendations, which are described in the relevant data sheet. We encourage users to perform the relevant tests before product use in applications other than those for which have been developed as they can carry risks, however, not given assurance that is comprehensive and quite accurate for safe use of product since the conditions of use are beyond our control. Accordingly, it is the user under his sole responsibility to decide whether this information is satisfactory, complete and appropriate for a particular use. Then, it is at the recipient of the product to determine the conditions of safe use, taking into account all applicable laws.

Users must comply with the laws and regulations in force, and in particular those relating to health and safety, storage and transportation of goods. Any chemical can be safely handled if their physical and chemical properties are known and measures and adequate safety garments are used. The correct use of the product should not offer any danger to health and safety.