

1 \ IDENTIFICATION OF THE MIXTURE AND COMPANY

1.1 \ Product identifier

This Material Safety Data Sheet applies to the product "Adhesion Primer **CIMRep A**", supplied by CIARGA, Argamassas Secas, S.A.
UFI: HWH5-MOMH-000S-4XKF

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

The products targeted by this MSDS are meant for usage in construction, as defined by the individual Technical Data Sheets.

1.3 \ Details of the supplier of the safety data sheet

CIARGA, Argamassas Secas, S.A.
Avenida José Malhoa, 22
1099-020 - LISBOA
PORTUGAL
NIPC/NIF (PT) 503 418 706
Tel: 21 951 90 30

11.4 \ Emergency telephone number

European Emergency Number: 112
Call your local medical emergency number, and convey the information presented by this document.

2 \ HAZARDS IDENTIFICATION

2.1 \ Classification of the mixture

Classification according to Regulation (EC) No 1272/2008: No relevant information available

2.2 \ Label elements

Labelling according to Regulation (EC) No 1272/2008:

Label	Signal word
None	None
Hazard statements	Precautionary statements
No relevant information available	<p>P101: If medical advice is needed, have product container or label at hand.</p> <p>P102: Keep out of reach of children.</p> <p>P261: Avoid breathing dust.</p> <p>P280: Wear protective gloves, protective clothing, eye protection and face protection.</p> <p>IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If any eye irritation persists contact a doctor/physician.</p>

2.3 \ Other hazards

This product does not fit in the classification criteria of PBT or MPmB, as defined by REACH's Annex XIII (EU Regulation (CE) N.º 1907/2006).

3 \ COMPOSITION / INFORMATION ON INGREDIENTS

3.1 \ Substances

Mix of pigments, resins proprietary additives.

Dangerous components			
Designation	N.º EINECS	N.º CAS	Content (%)
Reactional mix (3:1) of 5-chloro-2-methyl-2H-isotiazol-3-ona e de 2-methyl-2H-isotiazol-3-one	613-167-00-5	55965-84-9	< 1%
	Classification according to Regulation (EC) No 1272/2008		
	Tox.Aguda. 2: H310+H330; Tox.Aguda 3: H301; Aguda Aquatica 1: H400; Aguda Crónica 1: H410; Eye Dam. 1: H318; Skin Corr. 1C: H314; Skin Sens. 1A: H317; EUH071 - Perigo		

Contains a reactional mix (3:1) of 5-chloro-2-methyl-2H-isotiazol-3-ona e de 2-methyl-2H-isotiazol-3-one, that, according to Regulation (UE) n.º 2020/878 presents health and/or environmental hazards.

3.2 \ Other Informations

Identificação	Fator-M		Limite de concentração específico
	Acute	100	
Reactional mix (3:1) of 5-chloro-2-methyl-2H-isotiazol-3-ona e de 2-methyl-2H-isotiazol-3-one CAS 55965-84-9	Chronic	100	% (p/p) >=0,6: Skin Corr. 1C - H314 0,06 <= % (p/p) <0,6: Skin Irrit. 2 - H315 % (p/p) >=0,6: Eye Dam. 1 - H318 0,06 <= % (p/p) <0,6: Eye Irrit. 2 - H319 % (p/p) >=0,0015: Skin Sens. 1A - H317

4 \ FIRST AID MEASURES

4.1 \ Description of first aid measures

4.1.1 \ General

Symptoms may present themselves after exposure. Therefore, in case of direct exposure or symptoms persistence, contact a specialist of occupational medicine or an eye specialist, and present this MSDS.

4.1.2 \ After contact with eyes

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If the affected person wears contact lenses, these should be immediately removed, but only if they are not glued to the surface of the eye, as that would cause additional damages. Open the eyelid(s) widely to flush eye(s) immediately by thoroughly rinsing with plenty of clean water for at least 15 minutes to remove all particles. If eye irritation persists contact a specialist of occupational medicine or an eye specialist, and present this MSDS.

4.1.3 \ After skin contact

While this product is not classified as posing risks when in contact with the skin, it is still recommended to remove contaminated clothing, footwear, watches, etc. and clean thoroughly before re-using them. Thoroughly wash the skin with water and soap, or in a shower. Seek medical treatment in all cases of any irritation.

4.1.4 \ After significant accidental inhalation

While this product is not classified as posing risks when inhaled, if the affected person manifests any symptoms, move person to fresh air, and allow them to rest. Contact a physician if irritation persists or later develops or if discomfort, coughing or other symptoms persist, and present this MSDS.

4.1.5 \ After significant accidental ingestion

Do not induce vomiting. If person is conscious, wash out mouth and throat with water.

4.2 \ Most important symptoms and effects, both acute and delayed

No further relevant information available, beyond the presented in Sections 2 and 11 of this MSDS.

4.3 \ Indication of any immediate medical attention and special treatment needed

No further relevant information available.

5 \ FIRE-FIGHTING MEASURES

5.1 \ Extinguishing media

This product, in standard storage conditions, is non-combustible and non-explosive. All types of extinguishing media are suitable.

5.2 \ Special hazards arising from the mixture

In case of combustion, or as a result of thermal decomposition, highly varied and toxic compounds may form.

5.3 \ Precautions for firefighters

No further relevant information available. This product is non-combustible and non-explosive. All types of extinguishing media are suitable.

6 \ ACCIDENTAL RELEASE MEASURES

6.1 \ Personal protective measures, protective equipment and emergency procedures

Repair any leaks immediately, if possible without further personnel endangerment. Wear PPE as described under Section 8 and follow the relevant advice for safe handling and use.

6.2 \ Environment protection measures

Avoid penetration into bodies of water (e.g. streams), as this product contains potentially environmental dangerous component. Store this product in basin-protected storage. In case of large scale spillages into bodies of water, notify the relevant authorities, as defined by any laws and regulations applicable in the location of usage.

6.3 \ Containment and cleaning methods and equipment

Use inert absorption products or sand, to absorb the spillage, and transport it to a safe location. Do not use combustible absorption products (like sawdust). Eliminate any collected residue according to the locally applicable legal requirements.

6.4 \ Reference to other sections

See Sections 8 and 13.

7 \ HANDLING AND STORAGE

7.1 \ Precautions for safe handling

A.- Safe handling of the product.

Follow any applicable occupational safety laws and regulations regarding material and cargo handling. Assure tidiness, cleanliness and disposal, following safe methods (see Point 6).

B.- Fire and explosion prevention technical recommendations.

This product, in standard storage conditions, is non-combustible and non-explosive. Any transfer between vessels should be done slowly in order to avoid the build-up of electrostatic charges. See Point 10, regarding any conditions to avoid and incompatible materials.

C.- Toxicological and Ergonomic risk prevention technical recommendations.

Do not eat or drink during handling of this product, a thoroughly wash your hands afterwards.

D.- Environmental risk prevention technical recommendations.

Adequate absorbing material should be available near this product (see Point 6.3).

7.2 \ Conditions for safe storage, including any incompatibilities

The product must be stored in a clean, cool, dry place, in temperatures between 5°C and 30°C, and should be protected from potential contaminants, heat sources, static electricity and any edible materials. Store for a maximum of 12 months. See Point 10 for further details.

7.3 \ Specific end use(s)

No further relevant information available.

8 \ EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 \ Control parameters

According to local/national legislation.

8.2 \ Exposure controls

8.2.1 \ Occupational exposure controls

Do not eat, drink or smoke when handling this product, and wear basic Personal Protective Equipment. The recommendations given in this point are made assuming that the product is pure, without any dilution. Controls may vary for diluted product according to dilution level, usage, application method etc.... For further information, see Points 7.1 and 7.2.

8.2.2 \ Personal protective equipment (PPE)

Face and Eyes protection:

Wear approved glasses or safety goggles according to EN 166 when handling dry or wet mortars to prevent contact with eyes.



Skin protection:



Use adequate impervious, abrasion and alkali resistant gloves, boots, closed long-sleeved protective clothing. Avoid penetration on the boots.

Respiratory protection:

If any mists are formed, or locally mandated exposures limits are exceeded, use appropriate respiratory protection.

Other equipment:



We recommend the existence of Safety Showers and/or Eye Washing Systems, near the handling location.

8.2.3 \ Environmental exposure controls

Take necessary measures to prevent both the product and its packaging coming into contact with the environment. In accordance with Directive (UE) 2010/75/UE, the product has the following properties:

- **C.O.V.:** 0,19 % weight
- **C.O.V. density at 20 °C:** 1,98 kg/m³ (1,98 g/L)
- **Average number of carbons:** 8,72
- **Average molecular weight:** 186,43 g/mol

9 \ PHYSICAL AND CHEMICAL PROPERTIES

9.1 \ Information on basic physical, chemical properties

- **Physical state at 20°C:** liquid;
- **Look, colour, odour and olfactive threshold:** Not relevant;
- **Boiling point (1 atm):** 100°C;
- **Vapour pressure (T=20°C):** 2,3 kPa;
- **Vapour pressure (T=50°C):** 12,4 kPa;
- **Evaporation rate (T=20°C):** Not relevant;
- **Density (T=20°C):** 1,00 g/cm³
- **Melting, flammability, oxidizing properties, explosive properties, vapour density, freezing point and viscosity:** Not relevant.

9.2 \ Other information

No further relevant information available.

10 \ STABILITY AND REACTIVITY

10.1 \ Reactivity

This product is stable, if appropriately stored, as defined on Section 7.

10.2 \ Chemical stability

This product is stable, if appropriately stored, as defined on Section 7.

10.3 \ Possibility of hazardous reactions

Not relevant if appropriately stored, as defined on Section 7.

10.4 \ Conditions to avoid

Not relevant if appropriately stored, as defined on Section 7.

10.5 \ Incompatible materials

Non are known at present.

10.6 \ Hazardous decomposition products

No relevant information available.

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11 \ TOXICOLOGICAL INFORMATION

11.1 \ Information on toxicological effects

There are no known experimental data regarding the product itself.

Potential dangerous effects on health:

In case of repeated prolonged in time exposure, or to any limits defined by local regulations, the possible effects on health are possible:

A - Ingestion - Acute exposure:

- Toxicity: Available data doesn't allow any classification of the product, but some of its components are classified as dangerous for this point. See Point 3 for further information;
- Corrosiveness/Irritation: Available data doesn't allow any classification of the product, but some of its components are classified as dangerous for this point. See Point 3 for further information;

B - Inhalation - Acute exposure:

- Toxicity: Available data doesn't allow any classification of the product, but some of its components are classified as dangerous for this point. See Point 3 for further information;
- Corrosiveness/Irritation: In case of prolonged inhalation the product is corrosive for the mucous membranes and for the upper respiratory system;

C - Eye and Skin contact - Acute exposure:

- Skin contact: Available data doesn't allow any classification of the product, but some of its components are classified as dangerous for this point. See Point 3 for further information;
- Eye contact: Available data doesn't allow any classification of the product, but some of its components are classified as dangerous for this point. See Point 3 for further information;

D - CMR Effects (Carcinogenicity, Mutagenicity and harmful for the Reproductive System):

- Carcinogenicity: Available data doesn't allow any classification of neither the product nor any of its components. See Point 3 for further information;
- IARC: Not relevant;
- Mutagenicity: Available data doesn't allow any classification of neither the product nor any of its components. See Point 3 for further information;
- Effects on Reproduction: Available data doesn't allow any classification of neither the product nor any of its components. See Point 3 for further information.

E - Sensitization effects:

- Respiratory: Available data doesn't allow any classification of neither the product nor any of its components. See Point 3 for further information;
- Skin: Available data doesn't allow any classification of the product, but some of its components are classified as dangerous for this point. See Point 3 for further information;

F - Specific Target Organ Toxicity, exposure time:

- Available data doesn't allow any classification of neither the product nor any of its components. See Point 3 for further information;

G - Specific Target Organ Toxicity, repeated exposure:

- Available data doesn't allow any classification of neither the product nor any of its components. See Point 3 for further information;

H - Aspiration Hazard:

- Available data doesn't allow any classification of neither the product nor any of its components. See Point 3 for further information;

Specific Toxicological Information on relevant substances:

- Reactional mix (3:1) of 5-chloro-2-methyl-2H-isotiazol-3-ona e de 2-methyl-2H-isotiazol-3-one CAS 55965-84-9:

Acute Toxicity:

- DL50 oral: 64 mg/kg - *Rattus norvegicus*;
- DL50 inhalation: 0,33 mg/L (4h) - *Rattus norvegicus*;
- DL50 skin: 87,2 mg/kg - *Oryctolagus cuniculus*

Information regarding other hazards:

No Relevant information available;

12 \ ECOLOGICAL INFORMATION

12.1 \ Toxicity

Acute Toxicity:

- Reactional mix (3:1) of 5-chloro-2-methyl-2H-isotiazol-3-ona e de 2-methyl-2H-isotiazol-3-one CAS 55965-84-9:

- CL50: > 0,1 - 1 (% h) - Gen. Pisces;
- EC50: > 0,1 - 1 (48 h) - Gen. Crustacea;
- EC50: > 0,1 - 1 (72 h) - Gen. Pisces;

12.2 \ Persistence and degradability

No relevant information available.

12.3 \ Potencial de bioacumulação

No relevant information available.

12.4 \ Mobility in soil

No relevant information available.

12.5 \ Results of PBT and vPvB assessment

No relevant information available.

12.6 \ Outros efeitos adversos

No relevant information available.

13 \ DISPOSAL CONSIDERATIONS

13.1 \ Waste treatment methods

13.1.1 \ Product

Dispose as required by local regulations. Do not dispose of on soil or into bodies of water. EWC entry: Not relevant.

13.1.2 \ Packaging

Completely empty the packaging and process it according to local legislation.

EWC entry: 15 01 01, 15 01 02 or 15 01 03.

Non empty packaging should be treated as presented on Section 13.1.1.

14 \ TRANSPORT INFORMATION

Not covered by the international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID), therefore no classification is required.

14.1 \ UN-Number

Not relevant.

14.2 \ UN proper shipping name

Not relevant.

14.3 \ Transport hazard class(es)

Not relevant.

14.4 \ Packing group

Not relevant.

14.5 \ Environmental hazards

Not relevant.

14.6 \ Special precautions for user

Not relevant.

14.7 \ Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code C.

Not relevant.

15 \ REGULATORY INFORMATION

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

- Regulamento (CE) n.º 528/2012: Contains (etilendioxi)dimetanol, mistura reacional (3:1) de 5-cloro-2-metil-2H-isotiazol-3-ona e de 2-metil-2H-isotiazol-3-ona.
- Candidate Substances for authorization in Regulation (CE) 1907/2006 (REACH): Not relevant.
- Include Substances in Annex XIV of REACH (authorization list) and expiration date: Not relevant.
- Regulation (CE) 1005/2009: Not relevant.
- Article 95, Regulation (UE) N.º 528/2012: Reactional mix (3:1) of 5-chloro-2-methyl-2H-isotiazol-3-ona e de 2-methyl-2H-isotiazol-3-one CAS 55965-84-9 (Product type 2, 4, 6, 11, 12, 13).
- Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006.
- EU Regulation n.º 453/2010 of the Commission, of May 20th, 2010.
- Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008.
- EU directives n.º 2003/53/CE, n.º 1999/45/CE, n.º 2001/58/CE and n.º 2001/60/CE.
- EN 998-1:2010 - Specification for mortar for masonry - Part 1: Rendering and plastering mortar.
- EN 998-2:2010 - Specification for mortar for masonry - Part 2: Masonry mortar.
- EN 13813:2002 - Screed material and floor screeds. Screed material. Properties and requirements
- EN 12004:2007. Adhesives for tiles. Definitions and specifications.
- EN 1504:2005
- "Agreement on Workers' Health Protection Through the Good Handling and Use of Crystalline Silica and Products Containing it" and the Good Practice Guide (<http://www.nepsi.eu>).

15.2 \ Chemical safety assessment

A Chemical Safety Assessment has not been carried out.

16 \ OTHER INFORMATION

This MSDS replaces Version 0 of May 2nd, 2023. The changes made do not affect any information relevant for Safety and Health concerns.

The information on this data sheet reflects the currently available knowledge and is reliable provided that the product is used under the prescribed conditions and in accordance with the application specified on the packaging and/or in the technical guidance literature. Any other use of the product, including the use of the product in combination with any other product or any other process, is the responsibility of the user.

It is implicit that the user is responsible for determining appropriate safety measures and for applying the legislation covering his own activities. End user companies must assure the adequate training of their workers on safety, occupational health and environment, and they must assure that the workers exposed to this product have read, understand and apply the requirements and recommendations of this MSDS.

The information presented on this MSDS is meant to present requirements and instructions related to the safe handling of the product and do not, in any way, imply any type of guarantee regarding product performance or characteristics.

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