



1. IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE COMPANY

1.1. Product identification

Trade name: GECOL Primer-M.

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

Recommended Use: Adhesive cement-based powder.

1.3. Details of the supplier of the Material Safety Data Sheet

GECOL SERVICES, SL

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1.4. Emergency number

National Institute of Toxicology and Forensic Science: 91 562 04 20.

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

The classification of this product has been carried out in accordance with Regulation No. 1272/2008 (CLP).

It is not classified in accordance with Regulation 1272/2008 (CLP).

2.2. Label elements

The classification of this product has been carried out in accordance with Regulation No. 1272/2008 (CLP).

It is not classified in accordance with Regulation 1272/2008 (CLP).

Hazard indications

Not relevant.

Precautionary statements

P102 Keep out of reach of children.

P271 Use only outdoors or in a well-ventilated area.

P273 Avoid release to the environment.

P280 Wear protective gloves / goggles.

Additional data:

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.

2. 3. Other hazards

Results of PBT and vPvB assessment: none.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical description: Blend of additives, aggregates and cement.

Components: According to Annex II of Regulation (EC) n°1907 / 2006 (point 3), the product presents:

Identification	Chemical Name / Classification	Concentration
CAS: 55965-84-9 Index: 613-167-00-5 REACH: Not apply.	Mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one [EC no. 247-500-7], 2-methyl-2H-ATP CLP00isothiazol-3-one [EC no. 220-239-6] (3: 1) Acute Tox. 3: H301 + H311 + H331; Aquatic Acute 1: H400; Aquatic Chronic 1: H410; SkinRegulation 1272/2008 Corr. 1B: H314; Skin Sens. 1: H317 - Danger	<1 %

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

4. FIRST AID

4.1. Description of first aid

- Inhalation:

Take the affected person immediately to fresh air. Rinse nose and mouth with water. Get medical attention if any discomfort continues.



In accordance with REACH Regulation (EC) No 1907/2006 and (EU) No 453/2010

- **Skin contact:**
Remove the affected person from the source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.
- **By eye contact:**
Rinse immediately with plenty of water. Remove contact lenses and eyelids far apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.
- **Ingestion:**

Do not give anything by mouth to an unconscious person. It does not induce vomiting. Rinse mouth with water. Get medical attention if any discomfort continues.

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

- **Skin contact**

Slightly irritating.

- **Eye contact**

May cause temporary eye irritation.

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

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Non-flammable product under normal conditions of storage, handling and use. In case of inflammation as a result of tampering, storage or misuse, preferably use polyvalent powder extinguishers (ABC powder), according to the Fire Protection Facilities Regulation (R.D. 1942/1993 and subsequent modifications). It is NOT RECOMMENDED to use jet water as an extinguishing agent.

5.2. Special hazards arising from the substance or mixture

Because of combustion or thermal decomposition, reaction by-products are generated that can be highly toxic and, consequently, can present a high health risk.

5.3. Recommendations for firefighters

Depending on the magnitude of the fire, the use of full protective clothing and self-contained breathing apparatus may be necessary. Have a minimum of emergency facilities or actuators (fire blankets, portable medicine cabinet, etc.), in accordance with R.D. 466/1997 and subsequent modifications

Additional provisions:

Act in accordance with the Internal Emergency Plan and the Information Sheets on action in the case of accidents and other emergencies. Remove any source of ignition. In case of fire, refrigerate containers and storage tanks of products susceptible to inflammation, explosion or BLEVE as a result of high temperatures. Avoid the spillage of the products used in extinguishing the fire in the aquatic environment.

6. MEASURES IN CASE OF ACCIDENTAL RELEASE

6.1. Personal precautions, protective equipment and emergency procedures

Wear protective clothing as described in Section 8 of this safety data sheet.

Sweep and collect the product with shovels or other means and place it in a container for reuse (preferably) or disposal.

6.2. Environmental precautions

Avoid spillage into the aquatic environment because it contains dangerous substances for it. Contain the absorbed / collected product in sealable containers. Notify the competent authority in case of large spills into the aquatic environment.

6.3. Methods and materials for containment and cleaning

Sweep and collect the product with shovels or other means and place it in a container for reuse (preferably) or disposal.

6.4. Reference to other sections

Wear protective clothing as described in Section 8 of this safety data sheet.



7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Comply with current legislation on occupational risk prevention. Keep containers tightly closed. Control spills and waste, eliminating them with safe methods (section 6). Avoid free spillage from the container. Maintain order and cleanliness where dangerous products are handled.

Technical recommendations for the prevention of fires and explosions.

Due to its flammability characteristics, the product does not present a fire hazard under normal conditions of storage, handling and use.

Technical recommendations to prevent ergonomic and toxicological hazards.

For exposure control see section 8. Do not eat, drink or smoke in work areas; wash your hands after each use, and get rid of contaminated clothing and protective equipment before entering the eating areas.

Technical recommendations to prevent environmental risks

Sweep and collect the product with shovels or other means and place it in a container for reuse (preferably) or disposal, see sections 8 and 13.

7.2. Conditions for safe storage, including any incompatibilities

Protect from frost and containers should not be stored near sources of heat, stoves or places with too high temperatures.

7.3. Specific end use

Any use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters

Substances whose occupational exposure limit values must be controlled in the work environment (INSHT 2015):

Particles not otherwise specified: Inhalable fraction VLA-ED = 10 mg / m³ // Respirable fraction VLA-ED = 3 mg / m³.

8.2. Exposure controls

- **General measures of safety and health at the workplace:**

No smoking in the work area. Wash at the end of each work shift and before eating or smoking, and before using the bathroom. Immediately wash skin that has been contaminated. Take off immediately any clothing that has been contaminated. Use hand cream to prevent dry skin. Do not eat, drink or smoke during use.

- **Eye protection:**

Glasses that meet the approved standards should be worn when a risk assessment indicates that eye contact is possible. The following protection must be used: Safety goggles or chemical splash shield.

- **Skin care:**

- Wear appropriate clothing to prevent any skin contact.

- **Hand protection:**

- No specific hand protection recommended. Waterproof chemical resistant gloves that meet the approved standards should be worn if a risk assessment indicates that skin contact is possible. Wear protective gloves made of the following materials: Waterproof material.

- **Respiratory protection:**

Non-specific recommendations Respiratory protection may be necessary if excessive air pollution occurs.

Environmental exposure controls:

Under Community environmental protection legislation it is recommended to avoid the spillage of both the product and its packaging into the environment. For additional information see section 7.1.

No exposure limits are established.



9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on physical and chemical properties

For complete information, see the product data sheet.

Appearance: Pasty.

Orange.

Smell: Features.

pH (concentrated solution): 7.0 - 9.0

Solubility (ies): Soluble in water.

Viscosity: 50 - 9000 mPa s (25 ° C).

Density at 20 °C: 1506 kg / m³

Flash point: Not flammable.

Auto-ignition temperature: 200 ° C.

9.2. Additional Information

In application to R.D. 117/2003 and subsequent modifications (Directive 2010/75 / EU), this product has the following characteristics:

C.O.V. (Supply): 0.5% weight.

C.O.V. at 20 ° C: 7.53 kg / m³ (7.53 g / L).

In application to R.D. 277/2006 and subsequent modifications (Directive 2004/42 / EC), this product ready for use has the following characteristics:

C.O.V. at 20 ° C: 3.92 kg / m³ (3.92 g / L).

EU limit value for the product (Cat. A.G): 30 g / L (2010).

10. Stability and reactivity

10.1. Reactivity

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

10.2. Chemical stability

Chemically stable under the indicated storage, handling and use conditions.

10.3. Possibility of hazardous reactions

Under the indicated conditions no dangerous reactions are expected that may produce excessive pressure or temperatures.

10.4. Conditions to avoid

Do not freeze.

10.5. Incompatible materials

Materials that react in aqueous medium.

10.6. Hazardous decomposition products

Fires produce: Carbon monoxide (CO). Carbon dioxide (CO₂).

See section 10.3, 10.4 and 10.5 for specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released as a result: carbon dioxide (CO₂), carbon monoxide and other organic compounds.

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

There are no experimental data on the product itself related to toxicological properties.

Dangerous effects for health:

In case of repeated, prolonged exposure or at concentrations higher than those established by occupational exposure limits, adverse health effects may occur depending on the route of exposure:

- **Ingestion (acute danger):**
May cause discomfort if swallowed.
- **Inhalation (acute danger):**
Gas or steam in high concentrations can irritate the respiratory system. After excessive exposure may include the following symptoms: Cough.
- **Contact with skin and eyes:**



In accordance with REACH Regulation (EC) No 1907/2006 and (EU) No 453/2010

- The liquid may irritate the skin / Vapor or spray in the eyes can cause irritation and itching.
- **CMR effects (Carcinogenicity, mutagenicity and toxicity for reproduction):**
No data available.
 - **Sensitization effects:**
No data available.
 - **Specific target organ toxicity (STOT) - single exposure:**
No data available.
 - **Specific target organ toxicity (STOT) - repeated exposure:**
No data available.
 - **Aspiration hazard:**
No data available.

Specific toxicological information of the substances

Identification	Acute Toxicity / Gender
Mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one [EC no. 247-500-7], 2-methyl-2H- ATP CLP00 isothiazol-3-one [EC no. 220-239-6] (3: 1) CAS: 55965-84-9 Index: 613-167-00-5 REACH: Not applicable.	LD5 Oral 100 mg / kg Rat LD50 Dermal 300 mg / kg Rat LC50 Inhalation Not relevant

12. ECOLOGICAL INFORMATION

Ecotoxicity

Product components are not classified as dangerous for the environment. However, large or frequent spills may have harmful effects on the environment. There are no experimental data on the mixture itself related to the eco-toxicological properties.

12.1. Toxicity

Identification	Acute Toxicity / Gender
Mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one [EC no. 247-500-7], 2-methyl-2H- ATP CLP00 isothiazol-3-one [EC no. 220-239-6] (3: 1) CAS: 55965-84-9 Index: 613-167-00-5 REACH: Not applicable.	LC50 0.1 - 1 mg / l (96 h) Fish EC50 0.1 - 1 mg / l Crustacean EC50 0.1 - 1 mg / l Algae

12.2. Persistence and degradability

The product is easily biodegradable.

12.3. Bioaccumulation potential

No data available.

12.4. Mobility in ground

The product contains volatile organic compounds (VOCs) that have a potential to create photochemical ozone. They have a photochemical ozone creation potential.

12.5. Results of PBT and vPvB

No data available.

12.6. Other adverse effects

No data available.

13. WASTE DISPOSAL

13.1. Waste treatment methods.

General information

It is not possible to assign a specific code, since it depends on the use to which the user uses it.

Disposal methods

Consult the authorized waste manager for recovery and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98 / EC, Law 22/2011). According to codes 15 01 (2014/955 / EU) if the packaging has been in direct contact with the product, it will be managed



In accordance with REACH Regulation (EC) No 1907/2006 and (EU) No 453/2010

in the same way as the product itself, otherwise it will be managed as a non-hazardous waste. Its discharge to water courses is not advised. See section 6.2.

Legislative provisions related to waste management

According to Annex II of Regulation (EC) No. 1907/2006 (REACH), the community or state provisions related to waste management are included.

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

National legislation: Law 22/2011.

14. TRANSPORT INFORMATION

14.1. UN number

The product is not classified as dangerous according to ADR, ADN, IMDG, IATA.

14.2. Shipping name UN

Not applicable.

14.3. Kind (s) of Transport hazard

Not applicable.

14.4. Packing Group

Not applicable.

14.5. Environmental hazards

Not applicable.

14.6. Special precautions for users

Not applicable.

14.7. Transport in bulk with regulation to Annex II of MARPOL 73/78 and the IBC Code

Not applicable.

15. REGULATORY INFORMATION

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

Regulation (EC) No. 528/2012: Contains a preservative to protect the properties of the treated article. 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), (ethylenedioxy) dimetanol.

Substances 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-isothiazol-3-one [EC no. 247-500-7], 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3: 1) (excluded for product type 3, 7, 9, 10).

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

Restrictions on the marketing and use of certain hazardous substances and mixtures (Annex XVII of the REACH Regulation)

Not relevant.

Special provisions on the protection of people or the environment

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

Other laws

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

15.2. Chemical Safety Assessment

Not applicable (polymers are exempt from REACH registration).

16. OTHER INFORMATION

Legislation applicable to Safety Data Sheets:

This Safety Data Sheet has been developed in accordance with Annex II-Guide for the Preparation of Safety Data Sheets of Regulation (EC) No 1907/2006 Regulation (EC) No 453/2010.



In accordance with REACH Regulation (EC) No 1907/2006 and (EU) No 453/2010

Modifications to the Material Safety Data Sheet Regulation No 1272/2008 (CLP).

Modifications with respect to the previous safety data sheet that affect risk management measures

Composition / Information on the components:

- Substances added:
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) (55965-84-9).

Regulation n°1272 / 2008 (CLP):

- Precautionary statements.
- Supplementary information.

Texts of the legislative phrases referred to in section 3

The phrases indicated do not refer to the product itself, they are for informational purposes only and refer to the individual components that appear in section 3.

Regulation n°1272 / 2008 (CLP)

Acute Tox. 3: H301 + H311 + H331 - Toxic if swallowed, in contact with skin or if inhaled.

Aquatic Acute 1: H400 - Very toxic to aquatic organisms.

Aquatic Chronic 1: H410 - Very toxic to aquatic organisms, with lasting harmful effects.

Skin Corr. 1B: H314 - Causes severe skin burns and serious eye damage.

Skin Sens. 1: H317 - May cause an allergic skin reaction.

Classification Procedure

Not relevant.

Training advice

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

Abbreviations and acronyms

ADR: European agreement concerning the international transport of dangerous goods by road.

IMDG: International Maritime Code of Dangerous Goods.

IATA: International Air Transport Association.

ICAO: International Civil Aviation Organization.

COD: Chemical oxygen demand.

BOD5: Biological oxygen demand at 5 days.

BCF: bioconcentration factor.

LD50: lethal dose 50.

LC50: lethal concentration 50.

EC50: effective concentration 50.

Log POW: logarithm octanol-water partition coefficient.

Koc: partition coefficient of organic carbon.

The information provided in this Material Safety Data Sheet has been prepared in accordance with Regulation (EU) No 453/2010 of 20 May 2010 amending Commission Regulation (EC) No 1907/2006 OF PARLIAMENT European Parliament and Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Agency for Chemicals was created, amending Directive 1999/45 / EC and Regulation (EEC) No 793/93 and Regulation (EC) No 1488/94 and Directive 76/769 / EEC and Directives 91/155 repealing / EEC, 93/67 / EEC, 93/105 / EC and 2000/21 / EC.

The information in this Material Safety Data Sheet Product is based on current knowledge and on current EC laws and national, in that the working conditions of users are beyond our knowledge and control. The product should not be used for purposes other than those specified, without an instruction in writing, of its handling. It is always your responsibility to take appropriate measures in order to comply with the requirements of the laws.