

**Safety Data Sheet**  
according to 1907/2006/EC, Article 31

Printing date 09.02.2023

Version number 4 (replaces version 3)

Revision: 26.07.2021

**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

**1.1 Product identifier**

Trade name **MARISEAL AQUA PRIMER Component A**

Safety data sheet no.: XXP016839-a

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

The product is intended for industrial or professional use.

**Application of the substance / the mixture** Primer/ Subcoating

**1.3 Details of the supplier of the safety data sheet**

**Manufacturer/Supplier:**

Manufacturer/Supplier:

MARIS POLYMERS S.M.S.A.

Industrial Area of Inofita, 32 011 Inofita, Greece

Tel. : +30 22620 32918-9

e-mail: marispolymers@saint-gobain.com

**Distributor:**

Saint-Gobain Construction Products Polska Sp. z o.o.

ul. Okrężna 16, 44-100 Gliwice

Phone: +48 41 35 69 317 (Mon-Fri 9.00-16.00)

e-mail: SDS.pl@saint-gobain.com

**1.4 Emergency telephone number:**

112 (emergency number), 999 (ambulance), 998 (fire department).

**SECTION 2: Hazards identification**

**2.1 Classification of the substance or mixture**

Classification according to Regulation (EC) No 1272/2008



GHS05 corrosion

Eye Dam. 1 H318 Causes serious eye damage.

**2.2 Label elements**

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

**Hazard pictograms**



GHS05

**Signal word** Danger

**Hazard-determining components of labelling:**

Linseed oil polymer with bisphenol A, bisphenol A diglycidyl ether, diethylenetriamine, formaldehyde, glycidyl Ph ether and pentaethylenehexamine

**Hazard statements**

H318 Causes serious eye damage.

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**Precautionary statements**

P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310 Immediately call a POISON CENTER/doctor.  
P337+P313 If eye irritation persists: Get medical advice/attention.  
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

**2.3 Other hazards**

**Results of PBT and vPvB assessment**

**PBT:** Does not contain PBT substances.

**vPvB:** Does not contain vPvB substances.

**SECTION 3: Composition/information on ingredients**

**3.2 Mixtures**

**Description:** Mixture consisting of the following components.

**Dangerous components:**

CAS: 68915-81-1 EC number: 639-495-9	Linseed oil polymer with bisphenol A, bisphenol A diglycidyl ether, diethylenetriamine, formaldehyde, glycidyl Ph ether and pentaethylenehexamine ☠ Eye Dam. 1, H318; ☠ Skin Irrit. 2, H315	≥3-<10%
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**SVHC** Void

**Additional information** For the wording of the listed hazard phrases refer to section 16.

**SECTION 4: First aid measures**

**4.1 Description of first aid measures**

**General information**

Immediately remove any clothing soiled by the product.

Take affected persons out into the fresh air.

Seek immediate medical advice

**After inhalation**

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

**After skin contact**

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

**After eye contact**

Rinse opened eye for several minutes under running water. Rinse liquid should be tempered (20-30°C).

Seek immediate medical advice.

**After swallowing**

Do not induce vomiting; call for medical help immediately.

Drink plenty of water and provide fresh air. Call for a doctor immediately.

Seek immediate medical advice.

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

No further relevant information available.

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

No further relevant information available.

**SECTION 5: Firefighting measures**

**5.1 Extinguishing media**

**Suitable extinguishing agents**

CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

**For safety reasons unsuitable extinguishing agents** Water with full jet

**5.2 Special hazards arising from the substance or mixture**

Carbon monoxide (CO)

Carbon dioxide (CO<sub>2</sub>)

**5.3 Advice for firefighters**

**Protective equipment:**

Mouth respiratory protective device.

Wear fully protective suit.

**Additional information**

Collect contaminated fire fighting water separately. It must not enter the sewage system.

**SECTION 6: Accidental release measures**

**6.1 Personal precautions, protective equipment and emergency procedures**

Wear protective equipment. Keep unprotected persons away.

Wear protective clothing.

Avoid inhalation of vapors.

Ensure adequate ventilation.

Keep away from ignition sources

**6.2 Environmental precautions:**

Do not allow to enter sewers/ surface or ground water.

Do not allow to penetrate the ground/soil.

**6.3 Methods and material for containment and cleaning up:**

Absorb liquid components with liquid-binding material.

Absorb the spillage using sand or inert absorbent and move it to a safe place. Do not absorb with sawdust or other combustible absorbents.

Ensure adequate ventilation.

**6.4 Reference to other sections**

See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

**SECTION 7: Handling and storage**

**7.1 Precautions for safe handling** Ensure good ventilation/exhaustion at the workplace.

**Information about fire - and explosion protection:**

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

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**7.2 Conditions for safe storage, including any incompatibilities**

**Storage**

**Requirements to be met by storerooms and receptacles:**

Store in a cool location.

Prevent any seepage into the ground.

Provide ventilation for receptacles.

**Information about storage in one common storage facility:** Store away from foodstuffs.

**Further information about storage conditions:**

Keep container tightly sealed.

Store in cool, dry conditions in well sealed receptacles.

Protect from heat and direct sunlight.

**7.3 Specific end use(s)** No further relevant information available.

**SECTION 8: Exposure controls/personal protection**

**8.1 Control parameters**

**Ingredients with 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 controls**

**Appropriate engineering controls** No further data; see item 7.

**Individual protection measures, such as personal protective equipment**

**General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

Keep away from foodstuffs, beverages and feed.

Wash hands before breaks and at the end of work.

Do not inhale gases / fumes / aerosols.

Store protective clothing separately.

Avoid contact with the eyes and skin.

**Respiratory protection:**

Use suitable respiratory protective device in case of insufficient ventilation.

Use suitable respiratory protective device only when aerosol or mist is formed.

In case of brief exposure or low pollution use respiratory filter device.

In case of intensive or longer exposure use self-contained respiratory protective device.

Short term filter device:

Combination of charcoal filter and particulate filter A2-P2 (EN 529)

**Hand protection**

Protective gloves against chemicals (standard EN 374-1)

The glove material has to be impermeable and resistant to the product/ the substance/ the mixture.

Due to missing tests no recommendation to the glove material can be given for the product/ the mixture/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

**Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a mixture of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

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Butyl rubber, BR  
Fluorocarbon rubber (FKM-Viton)  
Recommended thickness of the material:  $\geq 0.5$  (BR) ; 0.4 (Viton) mm  
Recommendation: contaminated gloves should be disposed of.

**Penetration time of glove material**

For the mixture of chemicals mentioned below the breakthrough time has to be at least 480 minutes (Permeation according to EN 16523-1:2015: Level 6).

The determined breakthrough times according to EN 16523-1:2015 are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the breakthrough time, is recommended.

**Eye/face protection**

Tightly sealed goggles  
Protective eyewear (standard EN 166)

**Body protection:**

Chemically resistant protective work clothing (EN 14605)  
Boots

**SECTION 9: Physical and chemical properties**

**9.1 Information on basic physical and chemical properties**

**General Information**

<b>Colour:</b>	Yellowish
<b>Odour:</b>	Uncharacteristic.
<b>Odour threshold:</b>	Not determined.
<b>Melting point/freezing point:</b>	Undetermined.
<b>Boiling point or initial boiling point and boiling range</b>	Undetermined.
<b>Flammability</b>	Not applicable.
<b>Lower and upper explosion limit</b>	
<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.
<b>Flash point:</b>	Not determined
<b>Ignition temperature:</b>	Not determined.
<b>Decomposition temperature:</b>	Not determined.
<b>pH</b>	Not determined.
<b>Viscosity:</b>	
<b>Kinematic viscosity</b>	Not determined.
<b>dynamic at 20 °C:</b>	40 mPas
<b>Solubility</b>	
<b>Water:</b>	Not miscible or difficult to mix
<b>Partition coefficient n-octanol/water (log value)</b>	Not determined.
<b>Vapour pressure:</b>	Not determined.
<b>Density and/or relative density</b>	
<b>Density at 20 °C:</b>	1.1 g/cm <sup>3</sup>
<b>Relative density</b>	Not determined.
<b>Bulk density:</b>	Not applicable.
<b>Vapour density</b>	Not determined.

**9.2 Other information**

No further relevant information available.

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**Appearance:**

**Form:** Liquid

**Important information on protection of health and environment, and on safety.**

**Auto-ignition temperature:** Product is not self-igniting.

**Explosive properties:** Product does not present an explosion hazard.

**Minimum ignition energy**

**Solvent separation test:** Not applicable.

**EU-VOC (g/L)** 30.0000 g/l

**Change in condition**

**Softening point/range**

**Oxidising properties** Not considered as oxidising.

**Evaporation rate** Not determined.

**Information with regard to physical hazard classes**

**Explosives** Void

**Flammable gases** Void

**Aerosols** Void

**Oxidising gases** Void

**Gases under pressure** Void

**Flammable liquids** Void

**Flammable solids** Void

**Self-reactive substances and mixtures** Void

**Pyrophoric liquids** Void

**Pyrophoric solids** Void

**Self-heating substances and mixtures** Void

**Substances and mixtures, which emit flammable gases in contact with water** Void

**Oxidising liquids** Void

**Oxidising solids** Void

**Organic peroxides** Void

**Corrosive to metals** Void

**Desensitised explosives** Void

**SECTION 10: Stability and reactivity**

**10.1 Reactivity** No further relevant information available.

**10.2 Chemical stability** Stable at recommended storage conditions

**Thermal decomposition / Conditions to be avoided:** Stable at environment temperature.

**10.3 Possibility of hazardous reactions** No dangerous reactions known

**10.4 Conditions to avoid** Avoid heat, sparkles, naked flame or other sources of ignition.

**10.5 Incompatible materials:** No further relevant information available.

**10.6 Hazardous decomposition products:** No dangerous decomposition products known.

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**SECTION 11: Toxicological information**

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

**Acute toxicity** Based on available data, the classification criteria are not met.

**LD/LC50 values relevant for classification:**

Components	Type	Value	Species
<b>CAS: 68915-81-1 Linseed oil polymer with bisphenol A, bisphenol A diglycidyl ether, diethylenetriamine, formaldehyde, glycidyl Ph ether and pentaethylenehexamine</b>			
Oral	LD50	2,960 mg/kg	(Rat)
Dermal	LD50	>5,000 mg/kg	(Rabbit)

**Skin corrosion/irritation** Based on available data, the classification criteria are not met.

**Serious eye damage/irritation**

Causes serious eye damage.

**Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.

**Germ cell mutagenicity** Based on available data, the classification criteria are not met.

**Carcinogenicity** Based on available data, the classification criteria are not met.

**Reproductive toxicity** Based on available data, the classification criteria are not met.

**STOT-single exposure** Based on available data, the classification criteria are not met.

**STOT-repeated exposure** Based on available data, the classification criteria are not met.

**Aspiration hazard** Based on available data, the classification criteria are not met.

**11.2 Information on other hazards**

**Endocrine disrupting properties**

None of the ingredients is listed.

**SECTION 12: Ecological information**

**12.1 Toxicity**

**Aquatic toxicity:** Not classified as harmful to aquatic life

**12.2 Persistence and degradability** No further relevant information available.

**12.3 Bioaccumulative potential** No further relevant information available.

**12.4 Mobility in soil** No further relevant information available.

**12.5 Results of PBT and vPvB assessment**

**PBT:** Does not contain PBT substances.

**vPvB:** Does not contain vPvB substances.

**12.6 Endocrine disrupting properties**

The product does not contain substances with endocrine disrupting properties.

**12.7 Other adverse effects**

**Remark:** Harmful to fish

**Additional ecological information:**

**General notes:** Do not allow product to reach ground water, water course or sewage system.

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**DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

None of the ingredients is listed.

**REGULATION (EU) 2019/1148**

**Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

None of the ingredients is listed.

**Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

None of the ingredients is listed.

**Regulation (EC) No 273/2004 on drug precursors**

None of the ingredients is listed.

**Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**

None of the ingredients is listed.

**15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

**SECTION 16: Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**Relevant phrases**

H315 Causes skin irritation.

H318 Causes serious eye damage.

**Classification according to Regulation (EC) No 1272/2008**

Serious eye damage/irritation	The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.
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**Department issuing SDS:** SUSTCHEM S.A

**Contact:**

SUSTCHEM S.A.

REACH & Chemical Services Department

A: 144, 3rd Septemvriou, GR 112 51 | Athens, Greece

T: +30 210 8252510 | F: +30 210 8252575

W: www.sustchem.gr | E: info@suschem.gr

**Date of previous version:** 28.11.2019

**Version number of previous version:** 3

**Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organisation

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

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CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern (REACH regulation)

vPvB: very Persistent and very Bioaccumulative

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

**\* Data compared to the previous version altered.**

According to Annex II of the REACH regulation, the modified sections in this version of the Safety Data Sheet in comparison with the previous one are marked with asterisks.

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