

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 11.04.2022

Version number 1

Revision: 11.04.2022

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

- **1.1 Product identifier**
- **Trade name: ALL ROUND PLASTIC PROTECTANT**
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
- **Life cycle stages**
  - C Consumer use
  - PW Widespread use by professional workers
- **Sector of Use**
  - SU21 Consumer uses: Private households / general public / consumers
  - SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
- **Product category PC31** Polishes and wax blends
- **Application of the substance / the mixture** Self glazing emulsion
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
  - MA-FRA S.p.A. a Socio Unico
  - Via Aquileia, 44/46
  - 20021 Baranzate (MI) ITALIA
  - Tel. +39 023569981
  - [www.mafra.com](http://www.mafra.com)
  - [mafra@mafra.it](mailto:mafra@mafra.it)
- **Informing department:** [info@mafra.it](mailto:info@mafra.it)
- **1.4 Emergency telephone number:** In case of accident call the emergency number 112

**SECTION 2: Hazards identification**

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**
  - The product is not classified as hazardous according to the CLP Regulation.
- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **Precautionary statements**
  - P102 Keep out of reach of children.
- **Additional information:**
  - EUH208 Contains 1,2-benzisothiazolin-3-one. May produce an allergic reaction.
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

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

- **3.2 Mixtures**
- **Description:** Mixture of substances

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**- Dangerous components:**

CAS: 63148-62-9 EC number: 613-156-5	Poly (dimethylsiloxane)	1-<3%
CAS: 2634-33-5 EINECS: 220-120-9	1,2-benzisothiazolin-3-one <span style="color: red;">⚠</span> Eye Dam. 1, H318; <span style="color: red;">⚠</span> Aquatic Acute 1, H400; <span style="color: red;">⚠</span> Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317 Specific concentration limit: Skin Sens. 1; H317: C ≥ 0.05 %	<0.05%

**- 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** No special measures required.
- **After inhalation** Supply fresh air; consult doctor in case of symptoms.
- **After skin contact** The product is not skin irritating.
- **After eye contact** Rinse opened eye for several minutes under running water.
- **After swallowing** In case of persistent symptoms consult doctor.

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

Sickness

No further relevant information available.

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

If swallowed, gastric irrigation

Medical supervision for at least 48 hours

## SECTION 5: Firefighting measures

**- 5.1 Extinguishing media**
**- Suitable extinguishing agents**

 CO<sub>2</sub>, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.  
 Use fire fighting measures that suit the environment.

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

Can be released in case of fire

Carbon monoxide (CO)

**- 5.3 Advice for firefighters**
**- Protective equipment:**

Do not inhale explosion gases or combustion gases.

Protection means for respiratory tract

**- Additional information**

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

## SECTION 6: Accidental release measures

**- 6.1 Personal precautions, protective equipment and emergency procedures** Protective gloves. (EN 374)

**- For non-emergency personnel**

Ensure adequate ventilation

Keep away from ignition sources

Wear protective clothing.

**- For emergency responders**

Nitrile rubber, NBR

Recommended thickness of the material: ≥ 0.1 mm

**- 6.2 Environmental precautions:**

Dilute with much water.

Do not allow to enter drainage system, surface or ground water.

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

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

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Dispose of the material collected according to regulations.

**- 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 information on disposal.

**SECTION 7: Handling and storage****- 7.1 Precautions for safe handling**

No special measures required.

Take off immediately all contaminated clothing

Wash hands during breaks and at the end of the work.

Do not eat, drink or smoke while working.

**- Information about protection against explosions and fires:** Protect from heat.**- 7.2 Conditions for safe storage, including any incompatibilities****- Storage****- Requirements to be met by storerooms and containers:** Store only in the original container.**- Information about storage in one common storage facility:** Not required.**- Further information about storage conditions:** None.**- Class according to regulation on inflammable liquids:** Void**- 7.3 Specific end use(s)** No further relevant information available.**SECTION 8: Exposure controls/personal protection****- 8.1 Control parameters****- Components 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.

**- DNELs****112-34-5 2-(2-butoxyethoxy)ethanol**

Oral	Systemic Long-term Effects	5 mg/Kg bw/day (Consumers)
Dermal	Systemic long-term effects	83 mg/Kg bw/day (Industrial Workers) 50 mg/Kg bw/day (Consumers)
Inhalative	Local long-term effects	67.5 mg/m <sup>3</sup> (Industrial Workers) 40.5 mg/m <sup>3</sup> (Consumers)
	Local short-term effects	101.2 mg/m <sup>3</sup> (Industrial Workers) 60.7 mg/m <sup>3</sup> (Consumers)
	Systemic long-term effects	67.5 mg/m <sup>3</sup> (Industrial Workers) 40.5 mg/m <sup>3</sup> (Consumers)

**- PNECs****112-34-5 2-(2-butoxyethoxy)ethanol**

PNEC STP	200 mg/L (STP)
Soil	0.32 mg/Kg (Soil)
Soft Water	1.1 mg/L (Water)
Sea water	0.11 mg/L (Water)
Sediment (soft water)	4.4 mg/Kg (Soil)
Sediment (sea water)	0.44 mg/Kg (Soil)

**- Additional information:** The lists that were valid during the compilation were used as basis.**- 8.2 Exposure controls****- Appropriate engineering controls** No further data; see item 7.

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- **Individual protection measures, such as personal protective equipment**
- **General protective and hygienic measures** Wash hands during breaks and at the end of the work.
- **Breathing equipment:** Not required.
- **Hand protection**



Protective gloves. (EN 374)

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation  
Preventive skin protection by use of skin-protecting agents is recommended.

- **Material of gloves**

Nitrile rubber, NBR

Recommended thickness of the material:  $\geq 0.1$  mm

- **Penetration time of glove material**

For the mixture of chemicals mentioned below the penetration time has to be at least 15 minutes (Permeation according to EN 16523-1:2015: Level 1).

- **Eye/face protection**



Safety glasses recommended during refilling.

- **Environmental exposure controls** Disposal must be made according to official regulations.

## SECTION 9: Physical and chemical properties

### - 9.1 Information on basic physical and chemical properties

- **General Information**

- <b>Physical state</b>	Fluid
- <b>Colour:</b>	White
- <b>Odour:</b>	Pleasant
- <b>Odour threshold:</b>	Not determined.
- <b>Melting point/freezing point:</b>	0 °C
- <b>Boiling point or initial boiling point and boiling range</b>	100 °C (7732-18-5 water, distilled, conductivity or of similar purity)
- <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 applicable
- <b>Self-inflammability:</b>	Product is not selfigniting.
- <b>Decomposition temperature:</b>	Not determined.
- <b>pH at 20 °C</b>	6.5
- <b>Viscosity:</b>	
- <b>Kinematic viscosity at 20 °C</b>	120 mm <sup>2</sup> /s
- <b>dynamic:</b>	Not determined.
- <b>Solubility</b>	
- <b>Water:</b>	Fully miscible
- <b>Partition coefficient n-octanol/water (log value)</b>	Not determined.
- <b>Vapour pressure at 20 °C:</b>	23 hPa
- <b>Density and/or relative density</b>	
- <b>Density at 20 °C</b>	1 g/cm <sup>3</sup>
- <b>Relative density</b>	Not determined.
- <b>Vapour density</b>	Not determined.

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**- 9.2 Other information****- Appearance:****- Form:** Liquid**- Important information on protection of health and environment, and on safety.****- Explosive properties:** Product is not explosive.**- Change in condition****- 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** Stable under normal conditions**- 10.2 Chemical stability****- Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.**- 10.3 Possibility of hazardous reactions** No dangerous reactions known**- 10.4 Conditions to avoid** No further relevant information available.**- 10.5 Incompatible materials:** No further relevant information available.**- 10.6 Hazardous decomposition products:** No dangerous decomposition products known**SECTION 11: Toxicological information****- 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008****- Acute toxicity****- LD/LC50 values that are relevant for classification:**

112-34-5 2-(2-butoxyethoxy)ethanol

Oral LD50 2,410 mg/Kg (Rat)

Dermal LD50 2,764 mg/Kg (Rabbit)

**- 11.2 Information on other hazards****- Endocrine disrupting properties**

541-02-6 Methylpolysiloxane

List II

540-97-6 Dodecamethylcyclohexasiloxane

List II

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### SECTION 12: Ecological information

#### - 12.1 Toxicity

##### - Aquatic toxicity:

##### 112-34-5 2-(2-butoxyethoxy)ethanol

LC50 (96h) 2,700 mg/L (Fish)

EC50 (48h) &gt;1,000 mg/L (Daphnia)

EC50 (96h) &gt;100 mg/L (Algae)

- 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: Not applicable.

- vPvB: Not applicable.

- 12.6 Endocrine disrupting properties For information on endocrine disrupting properties see section 11.

#### - 12.7 Other adverse effects

##### - Additional ecological information:

##### - General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.

Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

### SECTION 13: Disposal considerations

#### - 13.1 Waste treatment methods

##### - Recommendation

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

##### - Uncleaned packagings:

- Recommendation: Disposal must be made according to official regulations.

### SECTION 14: Transport information

#### - 14.1 UN number or ID number

- ADR, IMDG, IATA Void

#### - 14.2 UN proper shipping name

- ADR, IMDG, IATA Void

#### - 14.3 Transport hazard class(es)

- ADR, IMDG, IATA

- Class Void

#### - 14.4 Packing group

- ADR, IMDG, IATA Void

#### - 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.

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### SECTION 15: Regulatory information

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

- Directive 2012/18/EU

- Named dangerous substances - ANNEX I None of the ingredients is listed.

- National regulations

- Classification according to VbF: Void

- Technical instructions (air):

Class	Share in %
NK	0.2

- Water hazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.

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

### SECTION 16: Other information

**- Relevant phrases**

H302 Harmful if swallowed.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H400 Very toxic to aquatic life.

- Department issuing data specification sheet: Ma-Fra Laboratories

- Contact: lab@mafra.it

**- Abbreviations and acronyms:**

ADR: Accord européen sur le transport 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

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

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

VbF: Verordnung über brennbare Flüssigkeiten, Österreich (Ordinance on the storage of combustible liquids, Austria)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Acute Tox. 4: Acute toxicity – Category 4

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

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

Skin Sens. 1: Skin sensitisation – Category 1

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

- \* Data compared to the previous version altered.