

## Safety Data Sheet

### PRIMER T

Safety Data Sheet dated: 04/22/2022 - version 6

Date of first edition: 07/05/2018



## 1. IDENTIFICATION

### Product identifier

Mixture identification:

Trade name: PRIMER T

Trade code: 9074938

### Recommended use of the chemical and restrictions on use

Recommended use: Acrylic polymer solution

Restrictions on use: Not available

### Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party

Company: MAPEI CORP. (USA and Puerto Rico)

1144 East Newport Center Drive - 33442 - Deerfield Beach - FL - USA

Phone: 954-246-8888

Responsible: RDProductSafety@mapei.com

### Emergency 24 hour numbers:

Emergency Number (USA/Canada) CHEMTREC 1(800) 424-9300 / 1(703) 527-3887

Emergency Transport CANUTEC (Canada) 1-613-996-6666

## 2. HAZARD(S) IDENTIFICATION

### Classification of the chemical

0 The product is not classified as dangerous according to OSHA Hazard Communication Standard (29 CFR 1910.1200).

### Label elements

The product is not classified as dangerous according to OSHA Hazard Communication Standard (29 CFR 1910.1200).

### Ingredient(s) with unknown acute toxicity:

None

### Hazards not otherwise classified identified during the classification process:

None

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### Substances

Not Relevant

### Mixtures

Hazardous components within the meaning of 29 CFR 1910.1200 and related classification:

### List of components

| Concentration (% w/w) | Name                             | Ident. Numb.                                       | Classification                      | Registration Number |
|-----------------------|----------------------------------|--|-------------------------------------|---------------------|
| 0.1-0.25 %            | ethylene glycol; ethane-1,2-diol | CAS:107-21-1<br>EC:203-473-3<br>Index:603-027-00-1 | Acute Tox. 4, H302; STOT RE 2, H373 |                     |

## 4. FIRST AID MEASURES

### Description of first aid measures

In case of skin contact:

Wash with plenty of water and soap.

In case of eyes contact:

Wash immediately with water.

In case of Ingestion:

Do not induce vomiting, get medical attention showing the SDS and the hazard label.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

### Most important symptoms/effects, acute and delayed

Not available

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

Treatment: Not available  
(see paragraph 4.1)

---

**5. FIRE-FIGHTING MEASURES**

**Extinguishing media**

Suitable extinguishing media:

- Water.
- Carbon dioxide (CO<sub>2</sub>).

**Unsuitable extinguishing media:**

None in particular.

**Specific hazards arising from the chemical**

- Do not inhale explosion and combustion gases.
- Burning produces heavy smoke.
- Hazardous combustion products: Not available
- Explosive properties: Not available
- Oxidizing properties: Not available

**Special protective equipment and precautions for fire-fighters**

- Use suitable breathing apparatus.
- Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
- Move undamaged containers from immediate hazard area if it can be done safely.

---

**6. ACCIDENTAL RELEASE MEASURES**

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

- Wear personal protection equipment.
- Remove persons to safety.
- Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.
- Limit leakages with earth or sand.

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

- Suitable material for taking up: absorbing material, organic, sand
- Retain contaminated washing water and dispose it.

---

**7. HANDLING AND STORAGE**

**Precautions for safe handling**

- Avoid contact with skin and eyes, inhalation of vapours and mists.
- Do not eat or drink while working.
- See also section 8 for recommended protective equipment.

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

- Storage temperature: Not available
- Keep away from food, drink and feed.

**Incompatible materials:**

None in particular.

**Instructions as regards storage premises:**

Adequately ventilated premises.

---

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Control parameters**

**List of components with OEL value**

| Component                        | OEL Type | Country | Ceiling | Long Term mg/m <sup>3</sup> | Long Term ppm | Short Term mg/m <sup>3</sup> | Short Term ppm | Behaviour  | Note  |
|----------------------------------|----------|---------|---------|-----------------------------|---------------|------------------------------|----------------|------------|---|
| ethylene glycol; ethane-1,2-diol | ACGIH    |         | C       |                             |               | 100                          |                |            |   |
|                                  | EU       |         |         | 52                          | 20            | 104                          | 40             | Indicative | Possibility of significant uptake through the skin; |
|                                  | MAK      | GERMANY |         | 26                          | 10            |                              |                |            |   |
|                                  | ACGIH    |         |         |                             | 25            | 10                           | 50             |            | A4 - Not Classifiable as a Human Carcinogen; upper  |

|     |             |    |    |     |    |
|-----|-------------|----|----|-----|----|
| MAK | AUSTRIA     | 26 | 10 | 52  | 20 |
| MAK | SWITZERLAND | 26 | 10 |     |    |
| EU  |             | 52 | 20 | 104 | 40 |

Indicative Possibility of significant uptake through the skin

Appropriate engineering controls: Not available

#### Individual protection measures

Eye protection:

Not needed for normal use. Anyway, operate according good working practices.

Protection for skin:

No special precaution must be adopted for normal use.

Protection for hands:

Suitable materials for safety gloves; 29 CFR 1910.138 - ANSI/ISEA 105:

Polychloroprene - CR: thickness  $\geq 0,5\text{mm}$ ; breakthrough time  $\geq 480\text{min}$ .

Nitrile rubber - NBR: thickness  $\geq 0,35\text{mm}$ ; breakthrough time  $\geq 480\text{min}$ .

Butyl rubber - IIR: thickness  $\geq 0,5\text{mm}$ ; breakthrough time  $\geq 480\text{min}$ .

Fluorinated rubber - FKM: thickness  $\geq 0,4\text{mm}$ ; breakthrough time  $\geq 480\text{min}$ .

Use impervious gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber.

Respiratory protection:

Respiratory protection must be used where exposure levels exceed workplace exposure limits. Refer to 29 CFR 1910.134 - CSA Z94.4 for information on selection and use of appropriate respiratory protection equipment.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

Physical state: Liquid

Appearance and colour: Light violet

Odour: Like: Acrylate

Odour threshold: No data available

pH: 7.50

Melting point / freezing point: No data available

Initial boiling point and boiling range: 100 °C (212 °F)

Flash point: 100 °C (212 °F)

Evaporation rate: No data available

Upper/lower flammability or explosive limits: No data available

Vapour density: No data available

Vapour pressure: No data available

Relative density: 1.03 g/cm<sup>3</sup>

Solubility in water: Miscible

Solubility in oil: No data available

Partition coefficient (n-octanol/water): No data available

Auto-ignition temperature: No data available

Decomposition temperature: No data available

Viscosity: No data available

Explosive properties: No data available

Oxidizing properties: No data available

Solid/gas flammability: No data available

### Other information

Substance Groups relevant properties No data available

Miscibility: No data available

Fat Solubility: No data available

Conductivity: No data available

## 10. STABILITY AND REACTIVITY

### Reactivity

Stable under normal conditions

### Chemical stability

Data not available.

### Possibility of hazardous reactions

None.

### Conditions to avoid

Stable under normal conditions.

**Incompatible materials**

None in particular.

**Hazardous decomposition products**

None.

---

**11. TOXICOLOGICAL INFORMATION**

**Information on toxicological effects**

**Toxicological information on main components of the mixture:**

ethylene glycol; ethane-1,2-diol    a) acute toxicity    LD50 Oral Rat = 4000 mg/kg  
LD50 Skin Rat = 10600 mg/kg  
LD50 Oral Rat = 4700 mg/kg  
LC50 Inhalation Rat > 2.5 mg/l 6h

**Substance(s) listed on the IARC Monographs:**

None

**Substance(s) listed as OSHA Carcinogen(s):**

None

**Substance(s) listed as NIOSH Carcinogen(s):**

None

**Substance(s) listed on the NTP report on Carcinogens:**

None

---

**12. ECOLOGICAL INFORMATION**

**Toxicity**

Adopt good working practices, so that the product is not released into the environment.

Eco-Toxicological Information:

**List of components with eco-toxicological properties**

| Component                        | Ident. Numb.  | Ecotox Infos  |
|----------------------------------|---|---|
| ethylene glycol; ethane-1,2-diol | CAS: 107-21-1 -<br>EINECS: 203-473-3<br>- INDEX: 603-027-00-1 | a) Aquatic acute toxicity : LC50 Fish Oncorhynchus mykiss = 41000 mg/L 96h IUCLID<br><br>a) Aquatic acute toxicity : LC50 Fish Oncorhynchus mykiss 14 mL/L 96h EPA<br>a) Aquatic acute toxicity : LC50 Fish Lepomis macrochirus = 27540 mg/L 96h EPA<br><br>a) Aquatic acute toxicity : LC50 Fish Pimephales promelas 40000 mg/L 96h EPA<br><br>a) Aquatic acute toxicity : LC50 Fish Poecilia reticulata = 16000 mg/L 96h IUCLID<br><br>a) Aquatic acute toxicity : EC50 Daphnia Daphnia magna = 46300 mg/L 48h IUCLID<br><br>a) Aquatic acute toxicity : EC50 Algae Pseudokirchneriella subcapitata 6500 mg/L 96h IUCLID<br><br>a) Aquatic acute toxicity : LC50 Fish Oncorhynchus mykiss = 40761 mg/L 96h IUCLID |

**Persistence and degradability**

Not available

**Bioaccumulative potential**

Not available

**Mobility in soil**

Not available

## Other adverse effects

Not available

---

## 13. DISPOSAL CONSIDERATIONS

### Waste treatment methods

The generation of waste should be avoided or minimized wherever possible. Recover if possible.

#### Methods of disposal:

Disposal of this product, solutions, packaging and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Dispose of surplus and nonrecyclable products via a licensed waste disposal contractor.

Do not dispose of waste into sewers.

Clean waste packaging should be recycled when possible and authorized by the authority.

#### Disposal considerations:

Do not allow to enter drains or watercourses.

Dispose of product according to all federal, state and local applicable regulations.

If this product is mixed with other wastes, the original waste product code may no longer apply and the appropriate code should be assigned.

Dispose of containers contaminated by the product in accordance with local or national legal provisions. For further information, contact your local waste authority.

#### Special precautions:

This material and its container must be disposed of in a safe way. Care should be taken when handling untreated empty containers.

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Empty containers or liners may retain some product residues. Do not re-use empty containers.

---

## 14. TRANSPORT INFORMATION

Not classified as dangerous in the meaning of transport regulations.

### UN number

DOT-UN Number: Not Applicable

ADR-UN number: Not Applicable

IATA-Un number: Not Applicable

IMDG-Un number: Not Applicable

### UN proper shipping name

DOT-Proper Shipping Name: Not Applicable

ADR-Shipping Name: Not Applicable

IATA-Technical name: Not Applicable

IMDG-Technical name: Not Applicable

### Transport hazard class(es)

DOT-Hazard Class: Not Applicable

ADR-Class: Not Applicable

IATA-Class: Not Applicable

IMDG-Class: Not Applicable

### Packing group

DOT-Packing group: Not Applicable

ADR-Packing Group: Not Applicable

IATA-Packing group: Not Applicable

IMDG-Packing group: Not Applicable

### Environmental hazards

Marine pollutant: No

Environmental Pollutant: Not Applicable

DOT-RQ: Not Applicable

### Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not Applicable

### Special precautions

Department of Transportation (DOT):

Not Applicable

Road and Rail (ADR-RID) :

Not Applicable

Air (IATA) :

Not Applicable

Sea (IMDG) :

Not Applicable

---

## 15. REGULATORY INFORMATION

### USA - Federal regulations

#### TSCA - Toxic Substances Control Act

##### TSCA inventory:

All the components are listed on the TSCA inventory

##### TSCA listed substances:

ethylene glycol; ethane-1,2-diol is listed in TSCA Section 8b Section 5

#### SARA - Superfund Amendments and Reauthorization Act

##### Section 302 - Extremely Hazardous Substances:

No substances listed

##### Section 304 - Hazardous substances:

ethylene glycol; ethane-1,2-diol

##### Section 313 - Toxic chemical list:

ethylene glycol; ethane-1,2-diol

#### CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act

##### Substance(s) listed under CERCLA:

ethylene glycol; ethane-1,2-diol Reportable quantity: 5000 pounds

#### CAA - Clean Air Act

##### CAA listed substances:

ethylene glycol; ethane-1,2-diol is listed in CAA Section 112(b) - HAP Section 112(b) - HON

#### CWA - Clean Water Act

##### CWA listed substances:

No substances listed

### USA - State specific regulations

#### California Proposition 65

##### Substance(s) listed under California Proposition 65:

ethylene glycol; ethane-1,2-diol Listed as reproductive toxicant

#### Massachusetts Right to know

##### Substance(s) listed under Massachusetts Right to know:

ethylene glycol; ethane-1,2-diol

#### Pennsylvania Right to know

##### Substance(s) listed under Pennsylvania Right to know:

ethylene glycol; ethane-1,2-diol

#### New Jersey Right to know

##### Substance(s) listed under New Jersey Right to know:

ethylene glycol; ethane-1,2-diol

### Canada - Federal regulations

#### DSL - Domestic Substances List

##### DSL Inventory:

All the substances are listed in the DSL.

#### NDSL - Non Domestic Substances List

##### NDSL Inventory:

No substances listed

#### NPRI - National Pollutant Release Inventory

##### Substances listed in NPRI:

No substances listed

---

## 16. OTHER INFORMATION

Safety Data Sheet dated: 4/22/2022 - version 6

### Additional classification information

NFPA Health: 1 = Slight

NFPA Flammability: 1 = Combustible if heated

NFPA Reactivity: 0 = Minimal

NFPA Special Risk: Not available

Reasonable care has been taken in the preparation of this information, but the manufacturer makes no warranty of merchantability or any



NFPA

other warranty, expressed or implied, with respect to this information. The manufacturer makes no representations and assumes no liability for any direct, incidental or consequential damages resulting from its use. The information herein is presented in good faith and believed to be accurate as of the effective date given. It is the buyer's responsibility to ensure that its activities comply with Federal, State or provincial, and local laws.

This document was prepared by a competent person who has received appropriate training.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This SDS cancels and replaces any preceding release.

| <b>Code</b> | <b>Description</b>   |
|-------------|--|
| H302        | Harmful if swallowed.  |
| H373        | May cause damage to organs through prolonged or repeated exposure. |

**Legend to abbreviations and acronyms used in the safety data sheet:**

- ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.
- RID: Regulation Concerning the International Transport of Dangerous Goods by Rail.
- IMDG: International Maritime Code for Dangerous Goods.
- IATA: International Air Transport Association.
- IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
- ICAO: International Civil Aviation Organization.
- ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO).
- GHS: Globally Harmonized System of Classification and Labeling of Chemicals.
- CLP: Classification, Labeling, Packaging.
- EINECS: European Inventory of Existing Commercial Chemical Substances.
- INCI: International Nomenclature of Cosmetic Ingredients.
- CAS: Chemical Abstracts Service (division of the American Chemical Society).
- GefStoffVO: Ordinance on Hazardous Substances, Germany.
- LC50: Lethal concentration, for 50 percent of test population.
- LD50: Lethal dose, for 50 percent of test population.
- DNEL: Derived No Effect Level.
- PNEC: Predicted No Effect Concentration.
- TLV: Threshold Limiting Value.
- TWATLV: Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).
- STEL: Short Term Exposure limit.
- STOT: Specific Target Organ Toxicity.
- WGK: German Water Hazard Class.
- KSt: Explosion coefficient.

**Paragraphs modified from the previous revision:**

- 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING
- 2. HAZARDS IDENTIFICATION
- 3. COMPOSITION/INFORMATION ON INGREDIENTS
- 4. FIRST AID MEASURES
- 5. FIRE-FIGHTING MEASURES
- 7. HANDLING AND STORAGE
- 8. EXPOSURE CONTROLS/PERSONAL PROTECTION
- 11. TOXICOLOGICAL INFORMATION
- 12. ECOLOGICAL INFORMATION
- 14. TRANSPORT INFORMATION
- 16. OTHER INFORMATION