

SAFETY DATA SHEET
1907/2006/EC, Article 31 Version: 14-3-2013



1 Identification of the substance/preparation and of the company/undertaking

MPL1 Primer for plaster

Silic8 MPL1

Technical and Emergency help please contact the following:-

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Product: Vapour Open Primer

Product Name: MPL1 Primer

2 Hazards Identification

- **Hazard description:** Not applicable.
- **Information concerning particular hazards for human and environment:**
R 52/53 Harmful to aquatic organisms. May cause long-term adverse effects in the aquatic environment.
- **Classification system:**
The classification is based on the classification guidelines of the EU, of GetStoffV, endorsed by company information.

3 Composition information of ingredients

- **Chemical characterisation**
- **Description:** Purely mineral fillers, potassium water glass, pure acrylate emulsion.

Dangerous Components:			
CAS: 68954-91-6	Poly(oxy-1,2-ethanediyl), a-(3-carboxy-1-oxosulfopropyl)-	Xi, R41	< 0.15%
EINECS:	w-hydroxy-, C10-12-alkyl ethers, disodium salts		

- **Additional information:** For the wording of the listed risk phrases please refer to section 16.

4 First aid measures

- **General Information:** No special measures required.
- **After inhalation:** Seek fresh air immediately and consult a Doctor if breathing is impaired.
- **After skin contact:** Wash off immediately with soap and water and rinse well afterwards. If skin irritation continues, consult a Doctor.
- **After swallowing:** Rinse mouth and throat thoroughly with water. Do NOT induce vomiting; seek medical help immediately.
- **After eye contact:** Rinse opened eye for several minutes under running water and consult a Doctor.

5 Fire-fighting measures

- **Suitable extinguishing agents:**
CO₂, powder or water spray. Extinguish larger fires with water spray or resistant foam. Note: The product itself does not burn.
Co-ordinate fire-fighting measures to the fire surroundings.
- **Special hazards caused by the substance, its products of combustion or resulting gases:**
Harmful and flammable vapour is released during pyrolysis.
In case of fire, the following can be released:
Carbon oxide (CO_x)
Acrylic monomers
- **Protective equipment:** Wear self-contained respiratory protective device.
- **Additional information:**
In case of fire do not breathe smoke, fumes and vapours.
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

6 Accidental release measures

- **Person-related safety precautions:**
Respect the protection rules (Please refer to sections 7 and 8).
At all times avoid contact with eyes and skin.
Pay particular danger not to slip on leaked/spilled product.
- **Measure for environmental protection:**
Do NOT allow product to reach soil, sewage system or any water course.
Follow local governmental rules and regulations.
In case of seepage into the ground inform the regulated authorities immediately.
- **Measures for cleaning/collecting:**
Close drainage courses (Risk of blocking due to polymer precipitation).
Absorb with liquid-binding material (ie. Sand, acid binders, universal binders, diatomite, sawdust).
Flush residue with sufficient amounts of water.
Dispose of the material collected according to the regulations.
Clear contaminated areas thoroughly.

7 Handling and Storage

- **Handling:**
- **Information for safe handling:**
 - Prevent formation of aerosols.
 - Keep receptacles tightly sealed.
 - Ensure good ventilation/exhaustion at the workplace.
 - See item 8 for information about suitable protective equipment and technical precautions.
 - Respect the protection rules.
- **Information about fire – and explosion protection: No special measures required.**

- **Storage:**
- **Requirements to be met by storerooms and receptacles:**
 - Unsuitable material for receptacles and pipes:
 - Iron and ferrous metals
 - Suitable material for receptacles and pipes:
 - Polyethylene.
- **Information about storage in one common storage facility:**
 - Do not store together with acids.
 - Store away from metals.
- **Further information about storage conditions:**
 - Keep container tightly sealed.
 - Protect from frost.
 - Protect from heat and direct sunlight.
- **Storage class: 12**

8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; refer to item 7.
- **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.
- **Additional information:** The lists valid during the making were used as a basis.

- **Personal protective equipment:**
- **General protective and hygienic measures:**
 - Immediately remove all soiled and contaminated clothing.
 - Avoid contact with the eyes and skin.
 - Do not inhale aerosols.
 - Wash hands before breaks and at the end of work.
- **Respiratory protection:**
 - Use suitable respiratory protective device only when aerosol or mist is formed.
 - Combination filter A/P.
- **Protection of hands:** Protective gloves to be worn at all times.

- **Material of gloves:** suitable material to be used eg:
Nitrile impregnated cotton gloves
Chloroprene rubber, CR
Recommended thickness of the material: ≥ 0.5 mm
Natural rubber, NR
Recommended thickness of the material: ≥ 0.6 mm
PVC gloves
Recommended thickness of the material: ≥ 0.7 mm
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and this varies from manufacturer to manufacturer.

Penetration time of glove material

Value of the permeation: ≥ 6 (480 mins)

The determined penetration times according to EN 374 part III are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.

Eye protection: Tightly sealed goggles to be worn at all times.

Body protection: Protective work clothing.

Skin protection: After contact with skin immediately wash thoroughly with water.

9 Physical and chemical properties

- **General information**

Form:	Pasty
Colour:	Different according to colouring
Odour:	Weak, characteristic

- **Change in condition**

Melting point/Melting range:	Undetermined
Boiling point/Boiling range:	Undetermined

- **Flash point:** Not applicable
- **Self-igniting:** Product is not self-igniting
- **Danger of explosion:** Product does not present an explosion hazard
- **Explosion limits:**
Oxidizing properties Not applicable
- **Vapour pressure:** Not determined

▪ Density at 20°C	- 1.39 * g/cm ³
▪ Vapour density	Not applicable
▪ Evaporation rate	Not applicable
▪ Solubility in / Miscibility with water:	miscible
▪ pH – value at 20°C:	11.4 *
▪ Segregation coefficient (n-octanol/water):	Not applicable
▪ Viscosity:	
Dynamic at 20°C:	900 – 1300 * m Pas

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **Materials to be avoided:**
Acids
Metals
- **Dangerous decomposition products:**
Non hazardous decomposition products if stored and handled as prescribed.
At high temperature formation of flammable and harmful products.
In case of fire, the following can be released:
Carbon oxide (COx)
Acrylic monomers

11 Toxicological information

- **Acute toxicity:**
- **LD/LC50-0**
Poly(oxy-1,2-ethanediyl), a-(3-carboxy-1-oxosulfopropyl)-w-hydroxy-, C10-12-alkyl ethers, disodium salts

Oral	LD50	2000 mg/kg (rat)
Dermal	LD50	>2000 mg/kg (rat)
Inhalative	LC50/4h	>2200 mg/l (rat)
- **Primary irritant effect:**
- **On the skin:** Frequent persistent contact with the skin may cause skin irritation.
- **On the eye:** In case of longer exposure, irritating effects are possible.
- **During swallowing:** Irritant effect is possible.
- **Sensitization:** This may produce an allergic reaction.

- **Other information (about experimental toxicology):**
Experimental analysis is not available.
- **Additional toxicological information:**
In our experience, when used and handled according to specifications, the product does not have any harmful effects from external information provided to us.

12 Ecological information

- **Ecotoxicological effects:**
- **Aquatic toxicity:**
Harmful to aquatic organisms.
May cause long-term adverse effects in the aquatic environment.
- **Additional ecological information:**
- **AOX – indication:**
The product may constitute some small influential changes in the measurement of the AOX-load of the waste water.
- **According to the formulation it contains the following heavy metals and compounds from the EU guideline No 76/464 EC:**
The product contains TiO₂.
- **General notes:**
The product may not be released into the environment without control.
At present there are no ecotoxicological assessments.
Water hazard class 2 (EU Regulation) (Self-assessment): hazardous for water.

13 Disposal considerations

- **Product:**
- **Recommendation Disposal must be made according to official regulations.**
- **European waste catalogue**
08 01 11* waste paint and varnish containing organic solvents or other dangerous substances.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transportation information

- | | |
|--|----------------|
| ▪ UN-Number ADR, ADN, IMDG, IATA | Void |
| ▪ UN proper shipping name ADR, ADN, IMDG, IATA | Void |
| ▪ Transport Hazard Class(es) ADR, ADN, IMDG, IATA | Void |
| ▪ Packing group ADR, IMDG, IATA | Void |
| ▪ Environmental hazards: Marine pollutant | No |
| ▪ Special precautions for user | Not applicable |
| ▪ Transport in bulk according to Annex II of MARPOL73/78 and the IBC code | Not applicable |

- **Transport/Additional information:**
No dangerous/hazardous goods in relation to these transport regulations.

15 Regulatory information

- **Labelling according to EU guidelines:**
The product has been classified and marked in accordance with EU Directives/Ordinance on Hazardous Materials.
- **Risk phrases:**
52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- **Safety phrases:**
61 Avoid release to the environment. Refer to special instructions/safety data sheets.
- **Special labelling of certain preparations:**

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 R-phrases**
22 Harmful if swallowed.
43 May cause sensitisation by skin contact.
50/53 Very toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.