

# Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 26.07.2024

Version number 8 (replaces version 7)


Revision: 26.07.2024

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


- 1.1 Product identifier
- Trade name: **KEMCO POX 2K Primer (A) silver grey**
- UFI: T8A9-C04F-K001-D3AU
- 1.2 Relevant identified uses of the substance or mixture and uses advised against
  - Identified use: intended for professional use only!
- Application of the substance / the mixture: Coating
- 1.3 Details of the supplier of the safety data sheet
- Manufacturer/Supplier: KEMPER SYSTEM GmbH & Co. KG  
Holländische Strasse 32-36  
34246 Vellmar  
Deutschland / Germany  
Telefon: +49 (0)561 / 8295-0  
Telefax: +49 (0)561 / 8295-5110  
E-Mail: MSDS@KEMPER-SYSTEM.COM
- Further information obtainable from: research & development
- 1.4 Emergency telephone number: Medical Emergency information in case of poisoning:  
Poison Information Center Mainz - 24 h - Phone: +49 (0) 6131 19240  
(advisory service in German or English language)

## SECTION 2: Hazards identification

- 2.1 Classification of the substance or mixture
- Classification according to Regulation (EC) No 1272/2008
  - Eye Dam. 1 H318 Causes serious eye damage.
  - Skin Sens. 1 H317 May cause an allergic skin reaction.
- 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



GHS07
- Signal word: Danger
- Hazard-determining components of labelling:
  - Epoxy resin amine adduct
  - N-(3-(trimethoxysilyl)propyl)ethylenediamine
  - maleic anhydride
  - 2,4,7,9-Tetramethyl-5-decyne-4,7-diol ethoxylate
  - 2-methyl-2H-isothiazol-3-one
- Hazard statements
  - H318 Causes serious eye damage.
  - H317 May cause an allergic skin reaction.
- Precautionary statements
  - P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
  - P280 Wear protective gloves / eye protection / face protection.
  - P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
  - 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.
  - P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
- Additional information: EUH211 Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.
- 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: consisting of the following components.

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| - Dangerous components:               |                                                                                                                                                                                                                                                                                        |              |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| CAS: 260549-92-6<br>EINECS: 231-784-4 | Epoxy resin amine adduct<br>Eye Dam. 1, H318                                                                                                                                                                                                                                           | ≥10-≤25%     |
| CAS: 7727-43-7<br>EINECS: 231-784-4   | barium sulphate, natural<br>substance with a Community workplace exposure limit                                                                                                                                                                                                        | 12.5-25%     |
| CAS: 14808-60-7<br>EINECS: 238-878-4  | Quartz (SiO <sub>2</sub> )<br>substance with a Community workplace exposure limit                                                                                                                                                                                                      | 0.5-2.5%     |
| CAS: 1760-24-3<br>EINECS: 217-164-6   | N-(3-(trimethoxysilyl)propyl)ethylenediamine<br>STOT RE 2, H373; Eye Dam. 1, H318; Acute Tox. 4, H332; Skin Sens. 1B, H317; STOT SE 3, H335                                                                                                                                            | ≥1-<2.5%     |
| CAS: 9014-85-1<br>NLP: 500-022-5      | 2,4,7,9-Tetramethyl-5-decyne-4,7-diol ethoxylate<br>Eye Dam. 1, H318; Skin Sens. 1, H317; Aquatic Chronic 3, H412                                                                                                                                                                      | ≥0.1-<0.5%   |
| CAS: 111-76-2<br>EINECS: 203-905-0    | 2-butoxyethanol<br>Acute Tox. 3, H331; Acute Tox. 4, H302; Acute Tox. 4, H312; Skin Irrit. 2, H315; Eye Irrit. 2, H319<br>ATE: LD50 oral: 1,200 mg/kg<br>LC50/4 h inhalative: 3 mg/l                                                                                                   | <0.5%        |
| CAS: 108-31-6<br>EINECS: 203-571-6    | maleic anhydride<br>Resp. Sens. 1, H334; STOT RE 1, H372; Skin Corr. 1B, H314; Acute Tox. 4, H302; Skin Sens. 1, H317<br>Specific concentration limit: Skin Sens. 1A; H317: C ≥ 0.001 %                                                                                                | ≥0.001-<0.1% |
| CAS: 2682-20-4<br>EINECS: 220-239-6   | 2-methyl-2H-isothiazol-3-one<br>Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 2, H330; Skin Corr. 1B, H314; Eye Dam. 1, H318; Aquatic Acute 1, H400 (M=10); Aquatic Chronic 1, H410 (M=1); Skin Sens. 1A, H317<br>Specific concentration limit: Skin Sens. 1A; H317: C ≥ 0.0015 % | <0.0015%     |

- 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.  
Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.  
Do not leave affected persons unattended.  
Personal protection for the First Aider.  
Take affected persons out of danger area and lay down.

**- After inhalation:**

Seek medical treatment in case of complaints.  
In case of unconsciousness place patient stably in side position for transportation.  
Supply fresh air; consult doctor in case of complaints.

**- After skin contact:**

Immediately wash with water and soap and rinse thoroughly.  
Seek medical treatment in case of complaints.

**- After eye contact:**

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.  
Protect unharmed eye.

**- After swallowing:**

If symptoms persist consult doctor.

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

No further relevant information available.

**- 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.  
Use fire extinguishing methods suitable to surrounding conditions.

**- For safety reasons unsuitable extinguishing agents:**

Water with full jet

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

Formation of toxic gases is possible during heating or in case of fire.  
Nitrogen oxides (NO<sub>x</sub>)  
Carbon monoxide (CO)

**- 5.3 Advice for firefighters**

**- Protective equipment:**

Do not inhale explosion gases or combustion gases.

**- Additional information**

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

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**- 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.  
Immediately remove all soiled and contaminated clothing  
Wash hands before breaks and at the end of work.  
Avoid contact with the eyes and skin.

**- Respiratory protection:** When used properly and under normal conditions, breathing protection is not required.  
Use suitable respiratory protective device in case of insufficient ventilation.  
Filter A/P2  
Respiratory protection - Gas filters and combination filters according to (EN 14387)

**- Hand protection**



Protective gloves

Check protective gloves prior to each use for their proper condition.  
Only use chemical-protective gloves with CE-labelling of category III.  
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  
Protective gloves contaminated with product must be removed immediately.  
After use of gloves apply skin-cleaning agents and skin cosmetics.

**- Material of gloves**

Recommended materials:  
Butyl rubber, BR  
Recommended thickness of the material:  $\geq 0.5$  mm  
Penetration time (min.):  $< 480$

**- Penetration time of glove material**

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

**- As protection from splashes gloves made of the following materials are suitable:**

Nitrile rubber, NBR  
Recommended thickness of the material:  $\geq 0.1$  mm  
Penetration time (min.):  $< 10$

**- Eye/face protection**



Tightly sealed goggles

Protective goggles and facial protection - Classification according to EN 166 protective clothing (EN 13034)

**- Body protection:**

## SECTION 9: Physical and chemical properties

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

**- General Information**

|                                                            |                                    |
|------------------------------------------------------------|------------------------------------|
| - Colour:                                                  | According to product specification |
| - Odour:                                                   | Characteristic                     |
| - Odour threshold:                                         | Not determined.                    |
| - Melting point/freezing point:                            | Undetermined.                      |
| - Boiling point or initial boiling point and boiling range | 100 °C                             |
| - Flammability                                             | Not applicable.                    |
| - Lower and upper explosion limit                          |                                    |
| - Lower:                                                   | Not determined.                    |
| - Upper:                                                   | Not determined.                    |
| - Flash point:                                             | $> 110$ °C                         |
| - Decomposition temperature:                               | Not determined.                    |
| - pH                                                       | Not determined.                    |
| - Viscosity:                                               |                                    |
| - Kinematic viscosity at 20 °C                             | 600 mm <sup>2</sup> /s             |
| - Dynamic:                                                 | Not determined.                    |
| - Solubility                                               |                                    |
| - water:                                                   | Fully miscible.                    |
| - Partition coefficient n-octanol/water (log value)        | Not determined.                    |

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- Density and/or relative density  
 - Density at 20 °C: 1.61 g/cm<sup>3</sup>  
 - Relative density: Not determined.  
 - Vapour density: Not determined.

- 9.2 Other information  
 - Appearance:  
 - Form: Fluid  
 - Important information on protection of health and environment, and on safety.  
 - Ignition temperature: Product is not selfigniting.  
 - Explosive properties: Product does not present an explosion hazard.  
 - Solvent separation test:  
 - VOC (EC) 0.47 %  
 - 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: No further relevant information available.  
 - 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: Based on available data, the classification criteria are not met.

- LD/LC50 values relevant for classification:

### 260549-92-6 Epoxy resin amine adduct

|        |      |                       |
|--------|------|-----------------------|
| Oral   | LD50 | >2,000 mg/kg (rat)    |
| Dermal | LD50 | >2,000 mg/kg (rabbit) |

### 7727-43-7 barium sulphate, natural

|        |      |                     |
|--------|------|---------------------|
| Oral   | LD50 | >15,000 mg/kg (rat) |
| Dermal | LD50 | >2,000 mg/kg (rat)  |

### 1760-24-3 N-(3-(trimethoxysilyl)propyl)ethylenediamine

|        |      |                         |
|--------|------|-------------------------|
| Oral   | LD50 | 2,295 mg/kg (rat) (k.A) |
| Dermal | LD50 | >2,000 mg/kg (rabbit)   |

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|------------------------------------------------------------------|
| Inhalative                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | LC50/4 h                     | 1.965 mg/l /4 h (rat)                                            |
| <b>9014-85-1 2,4,7,9-Tetramethyl-5-decyne-4,7-diol ethoxylate</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                              |                                                                  |
| Dermal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | LD50                         | >2,000 mg/kg (rabbit)                                            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | LC50                         | >20 mg/l (rat) (1h)                                              |
| <b>111-76-2 2-butoxyethanol</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                              |                                                                  |
| Oral                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | LD50                         | 1,200 mg/kg (ATE)                                                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                              | 1,414 mg/kg (guinea pig (Meerschweinchen)) (OECD 401)            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                              | 1,300 mg/kg (rat) (OECD 401)                                     |
| Dermal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | LD50                         | 2,270 mg/kg (mouse)                                              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                              | 400-500 mg/kg (rab)                                              |
| Inhalative                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | LC50/4 h                     | 3 mg/l (ATE)                                                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | LC50/1 h                     | >10 mg/l (rat)                                                   |
| LC50/1 h >3.1 mg/l (guinea pig (Meerschweinchen)) (female (49 CFR 173.132); male; (49 CFR 173.132))                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                              |                                                                  |
| <b>108-31-6 maleic anhydride</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                              |                                                                  |
| Oral                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | LD50                         | 400 mg/kg (rat)                                                  |
| Dermal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | LD50                         | 2,620 mg/kg (rabbit)                                             |
| <b>2682-20-4 2-methyl-2H-isothiazol-3-one</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                              |                                                                  |
| Oral                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | LD50                         | 120 mg/kg (rat)                                                  |
| Dermal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | LD50                         | >2,000 mg/kg (rat) (OECD Guideline 402 (Acute Dermal Toxicity))  |
| Inhalative                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | LC50/4 h                     | 0.11 mg/l (rat) (OECD Guideline 403 (Acute Inhalation Toxicity)) |
| <ul style="list-style-type: none"> <li>- <b>Skin corrosion/irritation</b> Based on available data, the classification criteria are not met.</li> <li>- <b>Serious eye damage/irritation</b> Causes serious eye damage.</li> <li>- <b>Respiratory or skin sensitisation</b> May cause an allergic skin reaction.</li> <li>- <b>Germ cell mutagenicity</b> Based on available data, the classification criteria are not met.</li> <li>- <b>Carcinogenicity</b> Based on available data, the classification criteria are not met.</li> <li>- <b>Reproductive toxicity</b> Based on available data, the classification criteria are not met.</li> <li>- <b>STOT-single exposure</b> Based on available data, the classification criteria are not met.</li> <li>- <b>STOT-repeated exposure</b> Based on available data, the classification criteria are not met.</li> <li>- <b>Aspiration hazard</b> Based on available data, the classification criteria are not met.</li> <li>- <b>11.2 Information on other hazards</b></li> </ul> |                              |                                                                  |
| - <b>Endocrine disrupting properties</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                              |                                                                  |
| 556-67-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | octamethylcyclotetrasiloxane |                                                                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                              | List II; III                                                     |

## SECTION 12: Ecological information

**- 12.1 Toxicity**

**- Aquatic toxicity:**

**7727-43-7 barium sulphate, natural**

EC50 32 mg/l (Daphnia magna) (Ba-Ion; 48 h)

**1760-24-3 N-(3-(trimethoxysilyl)propyl)ethylenediamine**

EC50 8.8 mg/l /21 d (ALGAE)

597 mg/l /96 h (fish)

81 mg/l /48 h (Daphnia magna)

**9014-85-1 2,4,7,9-Tetramethyl-5-decyne-4,7-diol ethoxylate**

LC50/96 h 52 mg/l (Scophthalmus maximus)

LC50 166 mg/l (Acartia tonsa) (48h)

**111-76-2 2-butoxyethanol**

ErC50 1,840 mg/l (Pseudokirchneriella subcapitata) (72h; OECD 201)

LC50/96 h 1,490 mg/l (LEPOMUS MACROCHIRUS)

EC50 1,550 mg/l (daphnia) (48h; OECD 202)

EC0 700 mg/l (Pseudomonas putida) (16h; (DIN 38412))

EC50 1,840 mg/l (Pseudokirchneriella subcapitata) (72h; OECD 201)

LC 50 1,474 mg/l (Oncorhynchus mykiss (Regenbogenforelle)) (96h; OECD 203)

LC50 1,815 mg/l (Daphnia magna)

NOEC 286 mg/l (Pseudokirchneriella subcapitata) (72h; OECD 201)

NOEL >100 mg/l (Brachydanio rerio (Ricefish)) (21d)

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**2682-20-4 2-methyl-2H-isothiazol-3-one**

|      |                                                      |
|------|------------------------------------------------------|
| EC20 | 2.8 mg/l (Belebschlamm) (DIN 38412-3 -TTC Test; 3h)  |
| EC50 | 34.6 mg/l (Belebschlamm) (DIN 38412-3 -TTC Test; 3h) |

- **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 2 (German Regulation) (Self-assessment): hazardous for water  
Do not allow product to reach ground water, water course or sewage system.  
Danger to drinking water if even small quantities leak into the ground.

**SECTION 13: Disposal considerations**

- **13.1 Waste treatment methods**
- **Recommendation** Must not be disposed together with household garbage. Do not allow product to reach sewage system.  
Disposal according to official regulations

- **European waste catalogue**

|           |                                                                                        |
|-----------|----------------------------------------------------------------------------------------|
| 08 04 09* | waste adhesives and sealants containing organic solvents or other hazardous substances |
| 15 01 10* | packaging containing residues of or contaminated by hazardous substances               |
| 17 02 03  | plastic                                                                                |

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

**SECTION 14: Transport information**

- **14.1 UN number or ID number**
- **ADR, ADN, IMDG, IATA** Void
- **14.2 UN proper shipping name**
- **ADR, ADN, IMDG, IATA** Void
- **14.3 Transport hazard class(es)**
- **ADR, ADN, IMDG, IATA**
- **Class** Void
- **14.4 Packing group**
- **ADR, IMDG, IATA** Void
- **14.5 Environmental hazards:**
- **Marine pollutant:** No
- **14.6 Special precautions for user** Not applicable.
- **14.7 Maritime transport in bulk according to IMO instruments** Not applicable.
- **UN "Model Regulation":** Void

**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.
- **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3

- **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.

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**- 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.

The safety data sheet issued is also compliant with the regulation Annex I of Regulation (EU) no. 453/2010 and Annex II of Regulation (EU) no. 2020/878.

**- Relevant phrases**

H301 Toxic if swallowed.  
 H302 Harmful if swallowed.  
 H311 Toxic in contact with skin.  
 H312 Harmful in contact with skin.  
 H314 Causes severe skin burns and eye damage.  
 H315 Causes skin irritation.  
 H317 May cause an allergic skin reaction.  
 H318 Causes serious eye damage.  
 H319 Causes serious eye irritation.  
 H330 Fatal if inhaled.  
 H331 Toxic if inhaled.  
 H332 Harmful if inhaled.  
 H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
 H335 May cause respiratory irritation.  
 H372 Causes damage to organs through prolonged or repeated exposure.  
 H373 May cause damage to organs through prolonged or repeated exposure.  
 H400 Very toxic to aquatic life.  
 H410 Very toxic to aquatic life with long lasting effects.  
 H412 Harmful to aquatic life with long lasting effects.

**- Department issuing SDS:**

research &amp; development

**- Contact:**

research &amp; development

**- Date of previous version:**

29.06.2021

**- Version number of previous version:**

7

**- 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  
 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)  
 VOC: Volatile Organic Compounds (USA, EU)  
 DNEL: Derived No-Effect Level (REACH)  
 LC50: Lethal concentration, 50 percent  
 LD50: Lethal dose, 50 percent  
 PBT: Persistent, Bioaccumulative and Toxic  
 vPvB: very Persistent and very Bioaccumulative  
 ATE: Acute toxicity estimate values  
 Acute Tox. 2: Acute toxicity – Category 2  
 Acute Tox. 3: Acute toxicity – Category 3  
 Acute Tox. 4: Acute toxicity – Category 4  
 Skin Corr. 1B: Skin corrosion/irritation – Category 1B  
 Skin Irrit. 2: Skin corrosion/irritation – Category 2  
 Eye Dam. 1: Serious eye damage/eye irritation – Category 1  
 Eye Irrit. 2: Serious eye damage/eye irritation – Category 2  
 Resp. Sens. 1: Respiratory sensitisation – Category 1  
 Skin Sens. 1: Skin sensitisation – Category 1  
 Skin Sens. 1A: Skin sensitisation – Category 1A  
 Skin Sens. 1B: Skin sensitisation – Category 1B  
 STOT SE 3: Specific target organ toxicity (single exposure) – Category 3  
 STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1  
 STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2  
 Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1  
 Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1  
 Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

**- Sources**- [www.echa.europa.eu](http://www.echa.europa.eu)- [www.baua.de](http://www.baua.de)

IFA: Institute für Occupational Safety and Health of the German Social Accident Insurance:

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# Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 26.07.2024

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Trade name: **KEMCO POX 2K Primer (A) silver grey**

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- [www.dguv.de/ifa/gestis/gestis-stoffdatenbank/index.jsp](http://www.dguv.de/ifa/gestis/gestis-stoffdatenbank/index.jsp)
- [www.dguv.de/ifa/gestis/gestis-dnel-liste](http://www.dguv.de/ifa/gestis/gestis-dnel-liste)

- \* Data compared to the previous version altered.

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