

## Safety Data Sheet

acc. to OSHA HCS



Printing date 09/11/2025

Reviewed on 07/28/2021

### 1 Identification

- **Product identifier**
- **Trade name:** *Dr. Schutz Mineral Primer*
- **Application of the substance / the mixture** Coating compound/ Surface coating/ paint
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
 Supplier:  
 Dr. Schutz GmbH  
 Holbeinstraße 17  
 D-53175 Bonn  
 Tel: +49 228/95 35 2-0  
 Fax: +49 228/95 35 2-46  
 E-Mail: export@dr-schutz.com
- Import:  
 Schutz NA LLC  
 219 Monroe Street  
 Suite P  
 19464 Stowe, Pennsylvania  
 USA  
 Tel.: +1 (877) 272-4889  
 Mobile: +1 610-310-2412  
 E-Mail: sam@dr-schutz.us  
 Web: www.schutzna.com
- **Information department:** Department for product development
- **Emergency telephone number:**  
 Dr. Schutz NA,  
 Contact: Sam Jamison  
 Tel.: 001/877 2724889  
 Mo-Fr 8am - 7pm

### 2 Hazard(s) identification

- **Classification of the substance or mixture**  
 The product is not classified, according to the Globally Harmonized System (GHS).
- **Label elements**
- **GHS label elements** Not applicable
- **Hazard pictograms** Not applicable
- **Signal word** Not applicable
- **Hazard statements** Not applicable
- **Information pertaining to particular dangers for man and environment:**
- **NFPA ratings (scale 0 - 4)**  

 Health = 0  
 Fire = 1  
 Reactivity = 0
- **HMIS-ratings (scale 0 - 4)**  

 Health = 0  
 Fire = 1  
 Reactivity = 0

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- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

**3 Composition/information on ingredients**

- **Identification number(s)** 7XH0-V0R7-V00H-44VU
- **Chemical characterization: Mixtures**
- **Description:** Mixture of the substances listed below with nonhazardous additions.

· **Dangerous components:**

111-90-0	Diethylene glycol monoethyl ether	1-5%
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**4 First-aid measures**

- **Description of first aid measures**
- **General information:**  
Immediately remove any clothing soiled by the product.  
No special measures required.
- **After inhalation:** Supply fresh air.
- **After skin contact:**  
Rinse with warm water.  
After each cleaning use treatment creams, for very dry skin greasy ointments.
- **After eye contact:**  
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:** Rinse out mouth and then drink plenty of water.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed**  
No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

**5 Fire-fighting measures**

- **Extinguishing media**
- **Suitable extinguishing agents:** Use fire fighting measures that suit the environment.
- **For safety reasons unsuitable extinguishing agents:** Nicht anwendbar
- **Special hazards arising from the substance or mixture** Danger of toxic pyrolysis products.
- **Advice for firefighters**
- **Protective equipment:**  
Do not inhale explosion gases or combustion gases.  
Wear self-contained respiratory protective device.
- **Additional information**  
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

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**6 Accidental release measures**

- **Personal precautions, protective equipment and emergency procedures**  
Avoid contact with the eyes and skin.  
Particular danger of slipping on leaked/spilled product.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**  
Dilute with plenty water.  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **Reference to other sections**  
No dangerous substances are released.  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.
- **Protective Action Criteria for Chemicals**

· **PAC-1:**

111-90-0	Diethylene glycol monoethyl ether	75 ppm
9005-00-9	Polyoxyethylenstearylether	5.7 mg/m <sup>3</sup>
112-34-5	2-(2-butoxyethoxy)ethanol	200 mg/m <sup>3</sup>
50-00-0	formaldehyde	0.90 ppm

· **PAC-2:**

111-90-0	Diethylene glycol monoethyl ether	100 ppm
9005-00-9	Polyoxyethylenstearylether	63 mg/m <sup>3</sup>
112-34-5	2-(2-butoxyethoxy)ethanol	220 mg/m <sup>3</sup>
50-00-0	formaldehyde	14 ppm

· **PAC-3:**

111-90-0	Diethylene glycol monoethyl ether	450 ppm
9005-00-9	Polyoxyethylenstearylether	380 mg/m <sup>3</sup>
112-34-5	2-(2-butoxyethoxy)ethanol	1300 mg/m <sup>3</sup>
50-00-0	formaldehyde	56 ppm

**7 Handling and storage**

- **Handling:**
- **Precautions for safe handling**  
Follow instructions on the label and in the Technical Product Information Sheet.  
Avoid contact with the eyes and skin.  
Do not inhale gases / fumes / aerosols.  
No special measures required.
- **Information about protection against explosions and fires:**  
No special precautions are necessary if used correctly.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**  
Store only in unopened original receptacles.
- **Information about storage in one common storage facility:** Store away from foodstuffs.

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- **Further information about storage conditions:**
  - Protect from frost.
  - Store under lock and key and out of the reach of children.
  - Store receptacle in a well ventilated area.
- **Specific end use(s)** No further relevant information available.

### 8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see section 7.
- **Control parameters**

<b>Components with limit values that require monitoring at the workplace:</b>	
<b>111-90-0 Diethylene glycol monoethyl ether</b>	
WEEL	Long-term value: 25 ppm

- **Additional information:** The lists that were valid during the creation were used as basis.

- **Exposure controls**

- **Personal protective equipment:**

- **General protective and hygienic measures:**

Do not eat, drink, smoke or sniff while working.

Be sure to clean skin thoroughly after work and before breaks.

- **Breathing equipment:** Not required.

- **Protection of hands:**

Avoid direct contact with the chemical/ the product/ the preparation by organizational measures.

To avoid skin problems reduce the wearing of gloves to the required minimum.

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

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

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

- **Material of gloves**

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

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

- **Penetration time of glove material**

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **Eye protection:**

Where there is a danger of the eyes coming into contact with splashes of liquid (i.e. when refilling larger quantities), safety goggles according to EN 166 (i.e. goggles with side shields) are recommended.

- **Body protection:**

Not required.

Light weight protective clothing

- **Limitation and supervision of exposure into the environment**

Follow instructions for use, dosage and waste disposal.

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### 9 Physical and chemical properties

#### · Information on basic physical and chemical properties

##### · General Information

##### · Appearance:

Form:	Fluid
Color:	Whitish
Odor:	Characteristic
Odor threshold:	Not determined.

· pH-value at 20°C (68°F): 8.5

##### · Change in condition

Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	100°C (212°F)

· Flash point: >100°C (>212°F) (Seta Flash Closed Cup)

· Flammability: Undetermined.

· Decomposition temperature: Not determined.

· Ignition temperature: Product is not selfigniting.

· Danger of explosion: Product does not present an explosion hazard.

##### · Explosion limits:

Lower:	Not determined.
Upper:	Not determined.

· Vapor pressure at 20°C (68°F): 23 hPa (17.3 mm Hg)

· Density at 20°C (68°F): 1.02 g/cm<sup>3</sup> (8.512 lbs/gal)

· Relative density: Not determined.

· Vapor density: Not determined.

· Evaporation rate: Not determined.

##### · Solubility in / Miscibility with

Water: Not miscible or difficult to mix.

· Partition coefficient (n-octanol/water): Not determined.

##### · Viscosity:

Dynamic:	Not determined.
Kinematic at 20°C (68°F):	16 s (ISO 4 mm)

##### · Solvent content:

Organic solvents:	7.0 %
VOC content ASTM D3960:	7.00 %
	71.4 g/l / 0.60 lb/gal

· Other information: No further relevant information available.

### 10 Stability and reactivity

· **Reactivity** siehe Abschnitt "Möglichkeit gefährlicher Reaktionen"

· **Chemical stability** keine Angaben

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- **Thermal decomposition / conditions to be avoided:**  
Protect from frost.  
No decomposition if used and stored according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No dangerous reactions known.
- **Hazardous decomposition products:** Danger of toxic pyrolysis products.

**11 Toxicological information**

- **Information on toxicological effects**
- **Acute toxicity:**

· **LD/LC50 values that are relevant for classification:**

**29911-28-2 (2-butoxymethylethoxy)propanol**

Oral	LD50	3,160 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rab)
Inhalative	LC50/4h	>5.4 mg/l (rat) (OECD 403 (Aerosol))

- **Primary irritant effect:**
- **on the skin:** Keine Daten verfügbar.
- **on the eye:** Keine Daten verfügbar.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**  
The product is not subject to classification according to internally approved calculation methods for preparations:  
When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

· **Carcinogenic categories**

· **IARC (International Agency for Research on Cancer)**

50-00-0	formaldehyde	1
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· **NTP (National Toxicology Program)**

50-00-0	formaldehyde	K
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· **OSHA-Ca (Occupational Safety & Health Administration)**

50-00-0	formaldehyde	
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**12 Ecological information**

- **Toxicity**
- **Aquatic toxicity:**  
Undetermined.

**29911-28-2 (2-butoxymethylethoxy)propanol**

EC50/48h	>100 mg/l (Daphnia magna) (48 h (statisch))
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- **Persistence and degradability**  
Elimination of contained polymers is possible through precipitation or flocculation.  
The solvent is biodegradable.

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- **Behavior in environmental systems:**
- **Bioaccumulative potential** Undetermined.
- **Mobility in soil** No further relevant information available.
- **Ecotoxicological effects:**
- **Behavior in sewage processing plants:**  
Technically correct releases of minimal concentrations to adapted biological sewage plants, will not disturb the biodegradability of activated sludge. Before allowing large quantities to be fed into sewage plants, obtain the approval of the responsible authorities.
- **Additional ecological information:**
- **General notes:**  
Water hazard class 1 (Self-assessment): slightly hazardous for water  
Do not allow to reach ground water/water course. Do not allow undiluted product or large quantities of it to reach sewage system.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

**13 Disposal considerations**

- **Waste treatment methods**
- **Recommendation:** Must be specially treated adhering to official regulations.
- **Uncleaned packagings:**
- **Recommendation:**  
Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning. Packagings that cannot be cleansed are to be disposed of in the same manner as the product.

**14 Transport information**

· <b>UN-Number</b>	
· <b>DOT, ADR, ADN, IMDG, IATA</b>	Not applicable
· <b>UN proper shipping name</b>	
· <b>DOT, ADR, ADN, IMDG, IATA</b>	Not applicable
· <b>Transport hazard class(es)</b>	
· <b>DOT, ADR, ADN, IMDG, IATA</b>	
· <b>Class</b>	Not applicable
· <b>Packing group</b>	
· <b>DOT, ADR, IMDG, IATA</b>	Not applicable
· <b>Environmental hazards:</b>	
· <b>Marine pollutant:</b>	No
· <b>Special precautions for user</b>	Not applicable.
· <b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable.

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· **UN "Model Regulation":** Not applicable

**15 Regulatory information**

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

· **Section 355 (extremely hazardous substances):**

50-00-0	formaldehyde
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· **Section 313 (Specific toxic chemical listings):**

111-90-0	Diethylene glycol monoethyl ether
143-22-6	2-[2-(2-butoxyethoxy)ethoxy]ethanol
52-51-7	bronopol (INN)
112-34-5	2-(2-butoxyethoxy)ethanol
50-00-0	formaldehyde

· **TSCA (Toxic Substances Control Act):**

7732-18-5	water, distilled, conductivity or of similar purity	ACTIVE
29911-28-2	(2-butoxymethylethoxy)propanol	ACTIVE
111-90-0	Diethylene glycol monoethyl ether	ACTIVE
68551-13-3	Alcohols, C12-15, ethoxylated propoxylated	ACTIVE
9011-05-6	Polymethylharnstoffharz	ACTIVE
143-22-6	2-[2-(2-butoxyethoxy)ethoxy]ethanol	ACTIVE
52-51-7	bronopol (INN)	ACTIVE
9005-00-9	Polyoxyethylenstearylether	ACTIVE
1071-93-8	adipohydrazide	ACTIVE
2634-33-5	1,2-benzisothiazol-3(2H)-one	ACTIVE
112-34-5	2-(2-butoxyethoxy)ethanol	ACTIVE
2682-20-4	2-methyl-2H-isothiazol-3-one	ACTIVE
50-00-0	formaldehyde	ACTIVE

· **Hazardous Air Pollutants**

50-00-0	formaldehyde
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· **Proposition 65**

· **Chemicals known to cause cancer:**

50-00-0	formaldehyde
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· **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

· **Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

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· **Carcinogen categories**

· **EPA (Environmental Protection Agency)**

50-00-0	formaldehyde	B1
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· **TLV (Threshold Limit Value)**

50-00-0	formaldehyde	A2
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· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

50-00-0	formaldehyde	
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- **GHS label elements** Not applicable
- **Hazard pictograms** Not applicable
- **Signal word** Not applicable
- **Hazard statements** Not applicable

· **National regulations:**

· **Other regulations, limitations and prohibitive regulations**

Other regulations (EC): Directive 2004/42/EC

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

**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.

- **Training hints** ---
- **Recommended restriction of use** Not intended for spraying and industrial processing.
- **Department issuing SDS:** Department for product development
- **Contact:**
- **Date of preparation / last revision** 09/11/2025 / 17

· **Abbreviations and acronyms:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)  
 IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)  
 ICAO: International Civil Aviation Organisation  
 ICAO-TI: Technical Instructions by the "International Civil Aviation Organisation" (ICAO)  
 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  
 DOT: US Department of Transportation  
 IATA: International Air Transport Association  
 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)  
 NFPA: National Fire Protection Association (USA)  
 HMIS: Hazardous Materials Identification System (USA)  
 VOC: Volatile Organic Compounds (USA, EU)  
 LC50: Lethal concentration, 50 percent  
 LD50: Lethal dose, 50 percent  
 PBT: Persistent, Bioaccumulative and Toxic  
 vPvB: very Persistent and very Bioaccumulative  
 NIOSH: National Institute for Occupational Safety  
 OSHA: Occupational Safety & Health  
 TLV: Threshold Limit Value  
 PEL: Permissible Exposure Limit  
 REL: Recommended Exposure Limit