

**1 Identification**

**Product identifier**

**Trade name:** Gloxil matt-SL

**Application of the substance / the mixture** Matting paste for water-based coating systems

**Details of the supplier of the safety data sheet**

**Manufacturer/Supplier:**

HOFFMANN MINERAL GmbH

Münchener Straße 75

D - 86633 Neuburg (Donau)

Phone: +49 (0) 8431 53-0

Fax: +49 (0) 8431 53-3 30

www.hoffmann-mineral.com

info@hoffmann-mineral.com

**Importer:**

AZELIS AMERICAS CASE LLC.

225 Pictoria Drive Suite 550

Cincinnati, Ohio 45246, USA

Phone: +1 800 5431121

**E-mail competent person:** info@hoffmann-mineral.com

**Information department:** see supplier or importer.

**Emergency telephone number:**

For Hazardous Materials [or Dangerous Goods] Incidents

Spill, Leak, Fire, Exposure, or Accident

Call CHEMTREC Day or Night

Within USA and Canada: 1-800-424-9300

Outside USA and Canada: +1 703-741-5970 (collect calls accepted)

**Emergency CONTACT (24-Hour-Number):**

GBK/Infotrac ID 91785 : (USA domestic) 1 800 535 5053 / international (001) 352 323 3500

**2 Hazard(s) identification**

**Classification of the substance or mixture**

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Eye Irritation 2A H319 Causes serious eye irritation.

**Label elements**

**Hazard pictograms**



**Signal word** Warning

**Hazard statements**

H319 Causes serious eye irritation.

**Precautionary statements**

P280 Wear eye protection.

P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

**Classification system:**

**NFPA ratings (scale 0 - 4)**



Health = 1

Fire = 2

Reactivity = 0

**Hazards not otherwise classified** None known.

**Trade name: Gloxil matt-SL**

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### 3 Composition/information on ingredients

**Chemical characterization: Mixtures**

**Description:** Slurry of Silica with additives in water.

**Ingredient:**

CAS: 7631-86-9	Silicon dioxide (amorphous silica)	10-20%%
CAS: 577-11-7	Sodium diisooctyl sulphosuccinate	1-<3%

**Additional information:**

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

**There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.**

Occupational exposure limits, if available, are listed in Section 8.

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Occupational exposure limits, if available, are listed in Section 8.

### 4 First-aid measures

**Description of first aid measures**

**General information:** Immediately remove any clothing soiled by the product.

**Inhalation:**

Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

**Skin contact:**

Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.

**Eye contact:**

Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

**Ingestion:**

Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

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

**Eye contact:** Causes serious eye irritation.

**Inhalation:** No known significant effects or critical hazards.

**Skin contact:** No known significant effects or critical hazards.

**Ingestion:** No known significant effects or critical hazards.

**Over-exposure signs/symptoms**

**Eye contact:** Adverse symptoms may include the following:

pain or irritation

watering

redness

**Inhalation:** No specific data.

**Skin contact:** No specific data.

**Ingestion:** No specific data.

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

**Notes to physician:** Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

**Specific treatments:** No specific treatment.

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**Protection of first-aiders:** No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. See toxicological information (Section 11)

## 5 Fire-fighting measures

### Extinguishing media

#### Suitable extinguishing agents:

Use dry chemical, CO<sub>2</sub>, water spray (fog) or foam. Use an extinguishing agent suitable for the surrounding fire

**For safety reasons unsuitable extinguishing agents:** Water with full jet

#### Special hazards arising from the substance or mixture

No specific fire or explosion hazard.

In case of fire, the following can be released:

Carbon monoxide (CO)

Carbon dioxide (CO<sub>2</sub>)

Sulfur oxides (SO<sub>x</sub>)

#### Advice for firefighters

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

#### Protective equipment:

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Do not enter the hazardous area without a self-contained breathing apparatus.

See Section 8 for information on personal protection equipment.

#### Additional information

**Remark (Explosibility):** Not considered to be a product presenting a risk of explosion.

## 6 Accidental release measures

### Personal precautions, protective equipment and emergency procedures

#### For non-emergency personnel:

No action shall be taken involving any personal risk or without suitable training.

Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

#### For emergency responders:

If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

#### Environmental precautions:

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

#### Methods and material for containment and cleaning up:

**Small spill:** Move containers from spill area. Avoid dust generation. Using a vacuum with HEPA filter will reduce dust dispersal. Place spilled material in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.

**Large spill:** Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Avoid dust generation. Do not dry sweep. Vacuum dust with equipment fitted with a HEPA filter and place in a closed, labeled waste container. Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

#### Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

## 7 Handling and storage

### Precautions for safe handling

#### Protective measures:

Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses,

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basements or confined areas. Avoid dust generation. Do not dry sweep. Vacuum dust with equipment fitted with a HEPA filter and place in a closed, labeled waste container. Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

**Advice on general occupational hygiene:**

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

**Information about protection against explosions and fires:** No special measures required.

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

**Requirements to be met by storerooms and receptacles:** Store in accordance with local regulations.

**Information about storage in one common storage facility:**

Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink.

See Section 10 for incompatible materials before handling or use.

Observe local/state/federal regulations.

**Further information about storage conditions:**

Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

**Specific end use(s)** No further relevant information available.

## 8 Exposure controls/personal protection

**Control parameters****Components with limit values that require monitoring at the workplace:**

**CAS: 7631-86-9 silicon dioxide**

TWA	Long-term value: 6 mg/m <sup>3</sup> NIOSH REL (United States, 10/2016).
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**Additional information:** The lists that were valid during the creation were used as basis.

**Exposure controls**

Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

**Personal protective equipment:****General protective and hygienic measures:**

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

**Breathing equipment:**

Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

**Recommended:**

In accordance with CSA Z94.4-11.

**Protection of hands:**

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

Recommended:

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**Material of gloves**

Nitrile rubber, NBR

Recommended thickness of the material:  $\geq 0.11$  mm

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**Penetration time of glove material** > 8 hours (breakthrough time)**Eye protection:**

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.

**Body protection:**

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Other skin protection:** Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

## 9 Physical and chemical properties

**Information on basic physical and chemical properties****General Information****Appearance:**

**Form:** Pasty  
**Color:** White  
**Odor:** Characteristic

**pH-value at 20°C (68°F) at 20 °C (68 °F):** 6-7.5**Change in condition**

**Melting point/Melting range:** Undetermined.  
**Boiling point/Boiling range:** 80-170 °C (176-338 °F)  
**Flash point:** Not applicable.  
**Flammability (solid, gaseous):** Not applicable.  
**Decomposition temperature:** Not determined.  
**Ignition temperature:** Product is not selfigniting.  
**Danger of explosion:** Not considered to be a product presenting a risk of explosion.  
**Explosion limits:**  
**Lower:** Not determined.  
**Upper:** Not determined.  
**Vapor pressure:** Not determined.  
**Vapor pressure:** Not determined.  
**Density at 20°C (68 °F) at 20 °C (68 °F):** 1.05-1.15 g/cm<sup>3</sup> (8.76225-9.59675 lbs/gal)  
**Relative density** Not determined.  
**Vapor density** Not applicable  
**Evaporation rate** Not applicable  
**Solubility in / Miscibility with**  
**Water:** Fully miscible.  
**Partition coefficient (n-octanol/water):** Not determined  
**Viscosity:**  
**Kinematic at 40 °C (104 °F):** >20.5 mm<sup>2</sup>/s

**Other information**

No further relevant information available.

## 10 Stability and reactivity

**Reactivity** No specific test data related to reactivity available for this product or its ingredients.

**Chemical stability** Stable under normal conditions.

**Possibility of hazardous reactions** The product is stable under storage at normal ambient temperatures.

**Conditions to avoid** No further relevant information available.

**Incompatible materials:** Reactive or incompatible with the following materials: Strong oxidizer.

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**Hazardous decomposition products:**

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

**11 Toxicological information**

**Information on toxicological effects**

**Acute toxicity:**

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

**CAS: 577-11-7 Sodium diisooctyl sulphosuccinate**

Oral	LD50	>2,100 mg/kg (rat)
Dermal	LD50	>10,000 mg/kg (rat)

**Primary irritant effect:**

**on the skin:** Based on available data, the classification criteria are not met.

**on the eye:** No irritating effect.

**Sensitization: Conclusion/Summary:** Not available.

**Additional toxicological information:**

**Carcinogenic categories**

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

CAS: 7631-86-9	silicon dioxide	3
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**NTP (National Toxicology Program)**

None of the ingredients is listed.

**OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

**Aspiration hazard**

**Germ cell mutagenicity** No known significant effects or critical hazards.

**Carcinogenicity**

Based on available data, the classification criteria are not met.

No known significant effects or critical hazards.

**Reproductive toxicity** No known significant effects or critical hazards.

**STOT-single exposure**

No known significant effects or critical hazards.

Based on available data, the classification criteria are not met.

**STOT-repeated exposure** Not available.

**Aspiration hazard** Not available.

**12 Ecological information**

**Toxicity**

**Aquatic toxicity:**

**Conclusion/Summary:** Based on available data, the classification criteria are not met.

**CAS: 577-11-7 Sodium diisooctyl sulphosuccinate**

LC50 / 96h	49 mg/l (Danio rerio)
EC50 / 48h	15.2 mg/l (Daphnia magna)
EC50 / 72h	82.5 mg/l (algae)

**Persistence and degradability** No further relevant information available.

**Behavior in environmental systems:**

**Bioaccumulative potential** No further relevant information available.

**Mobility in soil** No further relevant information available.

**Additional ecological information:**

**General notes:** The product may not be released into the environment without control.

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**Other adverse effects** No further relevant information available. (Contd. of page 6)

**13 Disposal considerations**

**Waste treatment methods**

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions 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. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

**14 Transport information**

<b>UN-Number</b> DOT, ADR/RID/ADN, IMDG, IATA	Void
<b>UN proper shipping name</b> DOT, ADR/RID/ADN, IMDG, IATA	Void
<b>Transport hazard class(es)</b> DOT, ADR/RID/ADN, ADN, IMDG, IATA Class	Void
<b>Packing group</b> DOT, ADR/RID/ADN, IMDG, IATA	Void
<b>Environmental hazards:</b> <b>Marine pollutant:</b>	No
<b>Special precautions for user</b>	Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.
<b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable.
<b>UN "Model Regulation":</b>	Void

**15 Regulatory information**

**Safety, health and environmental regulations/legislation specific for the substance or mixture**  
**International substance lists/inventories:**

The product is listed in or excluded from the following substance lists/inventories:

- REACH (European Union)
- IECSC (China)
- ENCS/CSCL (Japan)
- TSCA (USA)
- AICS (Australia)
- DSL (Canada)
- KECI (Republic of Korea)
- NZIoC (New Zealand)
- PICCS (Philippines)
- TCSCA/TCSI (Taiwan)

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**Sara**

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

None of the ingredients is listed.

**Section 313 (Specific toxic chemical listings):**

None of the ingredients is listed.

**TSCA (Toxic Substances Control Act):** All components have the value ACTIVE.

**Hazardous Air Pollutants**

None of the ingredients is listed.

**Proposition 65** This product does not require a Safe Harbor warning under California Prop. 65.

**Chemicals known to cause cancer:**

None of the ingredients is listed.

**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.

**Carcinogenic categories**

**EPA (Environmental Protection Agency)**

void

**NIOSH-Ca (National Institute for Occupational Safety and Health)**

void

**National regulations:**

**Further information:**

**International regulations**

**Chemical Weapon Convention List Schedules I, II & III Chemicals**

Not listed

**Montreal Protocol**

Not listed

**Stockholm Convention on Persistent Organic Pollutants**

Not listed

**Rotterdam Convention on Prior Informed Consent (PIC)**

Not listed

**UNECE Aarhus Protocol on POPs and Heavy Metals**

Not listed

**16 Other information**

**Notice to reader**

To the best of our knowledge, the information contained herein is accurate. However, neither the abovenamed supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

**Procedure used to derive the classification**

EYE IRRITATION - Category 2A (Calculation method)

**Contact:**

**Date of preparation / last revision** 03/19/2025 / 2.00

**Abbreviations and acronyms:**

NOEL = No Observed Effect Level

NOEC = No Observed Effect Concentration

LC = letal Concentration

EC50 = half maximal effective concentration

log POW = Octanol / water partition coefficient

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

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**Safety Data Sheet**  
acc. to OSHA HCS**HOFFMANN**  
**MINERAL®**

Printing date 03/19/2025

Reviewed on 03/19/2025

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ATE: acute toxicity estimate  
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)  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
IOELV = indicative occupational exposure limit values  
NIOSH: National Institute for Occupational Safety  
OSHA: Occupational Safety & Health  
TLV: Threshold Limit Value  
PEL: Permissible Exposure Limit  
REL: Recommended Exposure Limit  
Eye Irritation 2A: Serious eye damage/eye irritation – Category 2A

**Sources**

"Regulation (EC) Nr. 1907/2006 (REACH), 1272/2008 (CLP), 648/2004 (Detergents) in the respective valid version. National occupation exposure limits for each country in the respective valid version. Transportation regulations according to ADR, RID, IMDG, IATA in the respective valid version."

US