

GENESYS TECHNOLOGIES encourages and hopes that you will read and understand the entire (M)SDS, as it contains important information. We expect you to follow the precautions provided in this document, unless your specific usage conditions require other more appropriate methods or measures.

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### Product identifier

| Product name               | Formulation | Product number  |
|----------------------------|-------------|-----------------|
| GS-series Diamond Slurries | Water-Based | GS-DS-2024-1001 |

### Relevant identified uses of the substance or mixture and uses advised against

Polyurethane-foam based pad for polishing of optical- glasses or -materials

### Details of the supplier of the safety data sheet

Company: **GENESYS TECHNOLOGIES**

Address: Poway, California 92064

<https://genesystech.net>

### Work house information:

Monday to Thursday 08:00-17:00; Friday 08:00-17:30

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1 Classification of the Substance or Mixture:

This material is not classified as hazardous by the 2012 OSHA Hazard Communication Standard, 29 CFR 1910, amended to conform to UN GHS.

### 2.2 Label Elements:

UN GHS Pictogram or Symbol: None

UN GHS Signal Word: None

UN GHS Precautionary Statements: None

### 2.3 Other Hazards: None

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances: N/A

### 3.2 Mixtures:

Name CAS No. Wt. % GHS Classification

Diamond 7782-40-3 1-50% None

Propylene Glycol 57-55-6 0-98% None

| Name             | CAS-number | Wt. % | GHS Classification |
|------------------|------------|-------|--------------------|
| Diamond          | 7782-40-3  | 1-50% | None               |
| Propylene Glycol | 57-55-6    | 0-98% | None               |

No substances fulfil the criteria set forth in annexe II section A of the REACH regulation (EC) n° 1907/2006.

## SECTION 4: FIRST AID MEASURES

Inert material. Under normal conditions, the use should not cause any first aid measures.

### **4.1. Description of first aid measures**

Skin Contact: Wash thoroughly with abundant soap and water. Remove contaminated clothing And wash with abundant soap and water.

Eye Exposure: Flush thoroughly with abundant running water. Seek medical attention if needed.

Inhalation: Move affected individual to open area with fresh air. Administer oxygen and seek medical attentions if needed.

### **4.2. Most important symptoms and effects, both acute and delayed**

Prolonged and repeated exposure may cause skin and eye irritation

### **4.3. Indication of any immediate medical attention and special treatment needed Information for the doctor**

No data available

## SECTION 5: FIREFIGHTING MEASURES

Non-flammable

### **5.1. Extinguishing media**

When properly stored or handled, this product is non-flammable. In case of a fire in the building, extinguish the fire with water sprays, fire extinguishers, carbon dioxide, foam, or dry chemical.

### **5.2. Special hazards arising from the substance or mixture**

Carbon monoxide, carbon dioxide, and various oxides or carbon.

### **5.3. Advice for firefighters**

Wear self-contained breathing systems for firefighting if necessary.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### **6.1 Personal Precautions, Protective Equipment and Emergency Procedures:**

Use appropriate personal protective equipment. Provide adequate ventilation and avoid contact with skin and eyes.

### **6.2 Environmental Precautions:**

Prevent entry to sewers and water courses. Notify local authorities immediately if liquid enters sewers or water courses.

### **6.3 Methods and Material for Containment and Cleaning-up:**

Absorb spills with absorbent materials. Place absorbed materials into an appropriate container and dispose in accordance with local regulations.

## SECTION 7: HANDLING AND STORAGE

Requirements relating to storage premises apply to all facilities where the mixture is handled.

### **7.1 Precautions for Safe Handling:**

- Do not handle until all safety precautions have been read and understood.
- Ensure good ventilation of the working area.

- Do not eat, drink, or smoke in the working area.
- Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and finishing work.

**7.2 Conditions for Safe Storage, Including Any Incompatibilities:**

Storage Temperature: 5 oC-30 oC (41 oF -87 oF)

Transport Temperature: Ambient

Storage Pressure: Atmospheric

Store container in a cool, well-ventilated area away from sunlight. Keep away from ignition sources, heat, and flame. Never return unused material to origin Incompatibilities: strong oxidizing agents and alkalis.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**8.1 Control Parameters:****Workplace Exposure Limit:**

| Chemical Name    | OSHA PEL        | ACGIH TLV (TWA) | ACGIH TLV (STEL) |
|------------------|-----------------|-----------------|------------------|
| Propylene Glycol | Not established | Not established | Not established  |

**8.2 Exposure Controls:**

Wear Personal Protection Equipment for Protection:

Respiratory Protection: Wear mask and operate in well ventilated area.

Eye Protection: Wear safety goggles.

Skin and Body Protection: Wear appropriate protective clothing.

Hand Protection: Wear protective gloves.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**9.1 Information on Basic Physical and Chemical Properties****Appearance:** Fluid**Color:** Various**Odor:** Odorless to mild, characteristic**Odor threshold:** Not determined**Solubility in water:** Insoluble**Melting point:** Not determined**Boiling point:** Not determined**Flash point:** >100 oC**Auto-ignition temperature:** Not determined**Density:** Not determined**Viscosity, dynamic:** Not determined**pH:** 7.8-9.5**Explosive limits:** N/A

## SECTION 10: STABILITY AND REACTIVITY

**10.1. Reactivity**

No dangerous reactions known under normal conditions of use.

**10.2. Chemical stability**

Stable at normal temperatures and pressure.

**10.3. Conditions to Avoid:**

High temperature.

**10.4. Materials to Avoid:**

Strong oxidizing agents, strong bases, strong acids.

**10.5. Hazardous Decomposition:**

None with proper storage and handling.

## SECTION 11: TOXICOLOGICAL INFORMATION

**11.1. Information on toxicological effects**

**Acute Toxicity:** No data available

**Germ cell mutagenicity:** No data available

**Reproductive Toxicity:** No data available

**Carcinogenicity:** No data available

**Skin Irritation:** No data available

**Eye Irritation:** No data available

**Aspiration hazard:** No data available

**11.2. Information on other hazards**

No data available.

## SECTION 12: ECOLOGICAL INFORMATION

**12.1. Toxicity**

No data available.

**12.2. Persistence and degradability**

No data available.

**12.3. Bio accumulative potential**

No data available.

**12.4. Mobility in soil**

No data available.

**12.5. Other adverse effects**

No data available.

Proper waste management of the material must be determined in accordance with Directive 2008/98/EC.

## SECTION 13: DISPOSAL CONSIDERATIONS

**13.1. Waste treatment methods**

- Dispose of in accordance with appropriate local/national government regulations.
- Do not dispose in drains, landfill, sewers, or natural water courses.
- Conform to the applicable laws regarding industrial wastes such as "Waste Disposal and Public Cleansing Law" and relevant local bylaws for disposal.

## SECTION 14: TRANSPORT INFORMATION

Exempt from transport classification and labelling.

### **14.1. UN number**

-Dot/ADR/RID: none IMDG: none IATA: none

### **14.2. UN proper shipping name**

-Dot/ADR/RID: not dangerous goods IMDG: not dangerous goods IATA: not dangerous goods

### **14.3. Transport hazard class(es)**

-Dot/ADR/RID: not regulated IMDG: not regulated IATA: not regulated

### **14.4. Packing group**

-Dot/ADR/RID: none IMDG: none IATA: none

### **14.5. Environmental hazards**

-Dot/ADR/RID: none IMDG: none IATA: none

## SECTION 15: REGULATORY INFORMATION

### **15.1. Safety, health and environmental regulations**

SARA Section 355 (extremely hazardous substances): Not applicable

SARA Section 313 (specific toxic chemical listings): Not applicable

LARC, NTP, OSHA Carcinogens: Not applicable

TSCA (Toxic Substances Control Act): Not applicable

## SECTION 16: OTHER INFORMATION

### **16.1 SDS Preparation Information:**

Date of Creation: 02/20/2023

Date of Revision: 01/20/2024

Purpose of Revision: For Consistency

### **16.2 Other Information:**

The above information is believed to be correct but does not purport to be inclusive and shall be used only as a guide. GENESYS TECHNOLOGIES make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their purposes. In no way shall we be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising from using the above information.

**\* Ingredients protected by corporate intellectual property: 1–5%; no harmful components.**