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ELEGOO M-1000g

ELEGOO ABS-Like 3D Printer Resin (Grey 1000g) User Manual

Model: M-1000g | Brand: ELEGOO

1. INTRODUCTION

This manual provides essential information for the safe and effective use of ELEGOO ABS-Like 3D Printer Resin. This photopolymer resin is designed for 3D printing with 385-410nm UV LCD/DLP/MSLA printers, offering high precision, low shrinkage, and enhanced tenacity for detailed and durable prints.

2. SAFETY PRECAUTIONS

Always prioritize safety when handling resin. Read all instructions before use.

- **Shake Well Before Use:** Ensure the resin is thoroughly mixed before pouring to achieve consistent print quality.
- **Recommended Temperature:** Use the resin in an environment with a temperature between 20°C and 25°C (68°F - 77°F) for optimal performance.
- **Wear Protective Gear:** Always wear gloves and a mask to avoid direct skin contact and inhalation of fumes.
- **Storage:** Keep the resin away from children, dust, and direct sunlight. Store in a cool, dry, and well-ventilated area.
- **Emergency Contact:** In case of direct skin contact, wash immediately with plenty of water. If irritation persists or if ingested, seek medical attention.

Image 2.1: Essential safety precautions for handling ELEGOO ABS-Like resin.

3. PRODUCT FEATURES

ELEGOO ABS-Like Photopolymer Resin offers a balance of strength, flexibility, and precision, making it suitable for a wide range of 3D printing applications.

- **High Precision & Low Shrinkage:** Features low volume and linear shrinkage, ensuring smooth surface

finishes, fine textures, and accurate dimensions.

- **Less Brittleness & Higher Tenacity:** Possesses mechanical properties similar to ABS plastic, including high impact resistance, good strength, and increased tenacity, reducing fracture or deformation.
- **Good Fluidity & Low Viscosity:** Rapid solidification and smooth flowback prevent