

# MATERIAL SAFETY DATA SHEET

Version 2: July, 2012

## 1. IDENTIFICATION OF THE SUBSTANCE

**Product Name:** Simpo mount aqueous non-fluorescing mounting medium

**Description:** Colorless viscous liquid, odorless

**General use:** Mounting medium

## 2. PREPARATION AND COMPANY

**Company Identification:**

Golden Bridge International, Inc. 9700 Harbour Place, Suite 129. Mukilteo, WA 98275. USA  
 Tel. 425-493-2801, FAX 425-493-1803

**24-Hour Emergency Contact:** CHEMTREC 800-424-9300 (U.S.A. and Canada only)  
 703-527-3887 (all other countries) Fax: 703-741-6037

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

Component	% present in mixture
Plastic Proprietary	15%
Other Proprietary components	<0.5%
Sodium azide	0.09%
Water	~84%

**Concentration of Hazardous Components:** This product contains Sodium azide as 0.09% as a preservative. According to the OSHA Hazard Communications Standard (CFR 1910.1200), if a mixture contains less than 1% of a hazardous chemical or 0.1% of a carcinogen, the mixture shall not be considered hazardous. However, precautions for handling potentially dangerous reagents should be practiced when using these products. To aid in determining handling procedures, we offer the following additional information.

**Chemical Name/CAS No.:**

CAS#	Chemical Name	Percent	EINECS/ELINCS
26628-22-8	Sodium azide	0.09%	247-852-1
7732-18-5	Water	84%	231-791-2

**NOTE:** This MSDS contains valuable information for the safe handling and proper use of the product/component. The MSDS should be retained in a readily accessible place to employees during all uses of this material. Composition disclosure is not required for products/components not classified as hazardous, as per 29CFR 1910.1200.

**Emergency Overview:**

Mild liquid, prolonged contact may cause skin & eye irritation. Ingestion may cause gastric distress.

## 4. NATIONAL FIRE PROTECTION AGENCY (NFPA) RATING

**Health, flammability, reactivity: 0**

**Personal protective equipment: A**

## 5. EMERGENCY FIRST-AID MEASURES

**Skin contact:** Wash off immediately with regular soap and water. If irritation occurs seek medical attention.

**Eye contact:** Flush eyes thoroughly for 15 minutes with water. Seek medical attention when necessary.

**Inhalation:** Move to fresh air. Oxygen or artificial respiration if needed.

**Ingestion:** Give 2 glasses of water for dilution, DO NOT induce vomiting. Seek medical attention.

## 6. FIRE-FIGHTING MEASURES

**Flash Point / Explosion Information:** N/A (Non-flammable) / LEL: N/A UEL: N/A

**Suitable Extinguishing Media:** NA

**Special Exposure Hazards:** Combustion or decomposition of material will generate hazardous fumes and oxides of carbon.

**Special Protective Equipment for Firefighters:** Wear self-contained breathing apparatus and protective clothing to prevent contact with eyes and skin.

## 7. ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Personal protective equipment and clothing is recommended during all cleanup procedures. Refer to Section 8 for additional information on exposure controls and personal protective equipment.

**Methods for Cleanup:** Avoid physical contact during removal. Absorbent pads or paper towels may be used for small spills of less than 1 liter. Ventilate area and wash spill site after material pickup is complete.

## 8. HANDLING AND STORAGE

Keep containers tightly closed. Keep out of reach of children.

## 9. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Permissible Exposure Limit (OSHA PEL (TWA)):** No Data.

**Precautionary Measures During Use:** Avoid physical contact and prolonged or repeated exposures. Do not breathe vapors if produced. Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling.

**Inhalation:** Respiratory protection is not required. Though it is not likely, if TWA or other exposure limits are exceeded during the usage of this material, use a NIOSH/MSHA-Approved respirator. Follow NIOSH/MSHA and equipment manufacturer's recommendations to determine appropriate equipment choice.

**Skin:** Gloves are not required, though recommended for handling of any chemical in general.

**Eye:** Splash-proof chemical safety goggles or face shield.

**Other:** Eye wash or safety shower.

**Environmental Exposure Controls:** Not available.

## 10. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Crystals

**Appearance:** colorless to white

**Odor:** odorless

**pH:** Not available.

**Vapor Pressure:** Negligible.

**Vapor Density:** 2.2

**Evaporation Rate:** negligible

**Viscosity:** Not applicable.

**Boiling Point:** Not applicable.

**Freezing/Melting Point:** 275 deg C (dec)

**Decomposition Temperature:** 275 deg C

**Solubility:** Soluble.

**Specific Gravity/Density:** 1.85

**Molecular Formula:** N<sub>3</sub>Na

**Molecular Weight:** 65.01

## 11. STABILITY AND REACTIVITY

**Stability:** Stable under normal condition

**Conditions to Avoid:** Excessive heat.

**Materials to Avoid:** Acids, Oxidizers.

**Hazardous Decomposition Products:** None identified.

## 12. TOXICOLOGICAL INFORMATION (dangerous-to-health effects)

**CAS#** 26628-22-8: VY8050000

**CAS# 7732-18-5:** ZC0110000

**CAS# 7782-79-8:** MW2800000

**LD50/LC50:**

CAS# 26628-22-8:

Inhalation, mouse: LC50 = 32400 ug/m<sup>3</sup>;

Inhalation, rat: LC50 = 37 mg/m<sup>3</sup>;

Oral, mouse: LD50 = 27 mg/kg;

Oral, rat: LD50 = 27 mg/kg;

Skin, rabbit: LD50 = 20 mg/kg;

Skin, rat: LD50 = 50 mg/kg;

.CAS# 7732-18-5:

Oral, rat: LD50 = >90 mL/kg;

.CAS# 7782-79-8:

Inhalation, mouse: LC50 = 34 mg/m<sup>3</sup>;

Oral, rat: LD50 = 33 mg/kg;

**.Carcinogenicity:**

CAS# 26628-22-8: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

CAS# 7732-18-5: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

CAS# 7782-79-8: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

**Epidemiology:** No information available.

**Teratogenicity:** No information found

**Reproductive Effects:** No information available.

**Mutagenicity:** See actual entry in RTECS for complete information.

**Neurotoxicity:** See actual entry in RTECS for complete information.

**Other Studies:**

**13. TRANSPORTATION INFORMATION**

**IATA Proper Shipping name:** Not classified as dangerous in the meaning of transport regulations at concentrations used

**Hazard Class:** Not Regulated at concentrations used

**Subsidiary Class:** No information available

	<b>US DOT</b>	<b>Canada TDG</b>
<b>Shipping Name:</b>	SODIUM AZIDE	SODIUM AZIDE
<b>Hazard Class:</b>	6.1	6.1
<b>UN Number:</b>	UN1687	UN1687
<b>Packing Group:</b>	II	II

**14. DISPOSAL CONSIDERATIONS**

**Waste Management Information (Disposal):** Any disposal practice must be in compliance with local, State, and Federal laws and regulations. Check with local and State regulations before discharging into sewers or public landfills.

**15. REGULATORY INFORMATION / LABELING**

**U.S. Federal Regulations:**

**SARA TITLE III, CERCLA – NONE**

**CPR, IDL, DSL/NDL,EINECS - Compliant**

**16. OTHER INFORMATION**

**User Note:** The information in this Material Safety Data Sheet was obtained from sources which we believe are reliable. However, the information is provided without any representation or warranty, express or implied, regarding its accuracy or correctness. The safe usage of this product is the sole responsibility of the user who is obligated to review this data in the specific context of the intended use and determine applicability.

End of Safety Data Sheet