

# 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:N3Na

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# 7782-79-8: MW2800000       LOSO/LC50:       CAS# 26628-22-8:       Inhalation, mouse: LC50 = 32400 ug/m3;       Inhalation, rat: LC50 = 37 mg/M3;       Oral, mouse: LD50 = 27 mg/kg;       Oral, rat: LD50 = 27 mg/kg;       Skin, rabbit: LD50 = 20 mg/kg;       Skin, rat: LD50 = 20 mg/kg;       Skin, rat: LD50 = 50 mg/kg;       .CAS# 7732-18-5:       Oral, rat: LD50 = 34 mg/m3;       Oral, rat: LD50 = 33 mg/kg;       .CAS# 7732-79-8:       Inhalation, mouse: LC50 = 34 mg/m3;       Oral, rat: LD50 = 33 mg/kg;       .Carcinogenicity:       CAS# 7732-18-5: Not listed by ACGIH, IARC, NTP, or CA Prop 65.       CAS# 7732-79-8: Not listed by ACGIH, IARC, NTP, or CA Prop 65.       Epidemiology: No information available.       Reproductive Effects: No information available.       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: No information available.       Subsidiary Class: No information availa						
LDSD/LCSO:       CAS# 26628-22-8:       Inhalation, mouse: LCS0 = 32400 ug/m3;       Inhalation, rat: LCS0 = 37 mg/m3;       Oral, mouse: LDS0 = 27 mg/kg;       Oral, rat: LDS0 = 27 mg/kg;       Skin, rabbit: LDS0 = 20 mg/kg;       Skin, rabit: LDS0 = 50 mg/kg;       CAS# 7732-18-5:       Oral, rat: LDS0 = >00 mL/kg;       .CAS# 7732-79-8:       Inhalation, mouse: LCS0 = 34 mg/m3;       Oral, rat: LDS0 = 30 mg/kg;       .Carcinogenicity:       .CAS# 2732-18-5:       Oral, rat: LDS0 = 33 mg/kg;       .Carcinogenicity:       .CAS# 26628-22-8: Not listed by ACGIH, IARC, NTP, or CA Prop 65.       .CAS# 7732-79-8: Not listed by ACGIH, IARC, NTP, or CA Prop 65.       .CAS# 7732-79-8: Not listed by ACGIH, IARC, NTP, or CA Prop 65.       .CAS# 7732-79-8: Not listed by ACGIH, IARC, NTP, or CA Prop 65.       .CAS# 7782-79-8: Not information available.       Mutagenicity: See actual entry in RTECS for complete information.       Neurotoxicity: 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	CAS# 7732-18-5: ZC0110000					
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Inhalation, rat: LC50 = 37 mg/m3; Oral, mouse: LD50 = 27 mg/kg; Oral, rat: LD50 = 20 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/m3; Oral, rat: LD50 = 33 mg/kg; Carcinogenicity: CAS# 2782-29-8: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 7782-18-5: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 7782-79-8: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 7782-79-8: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 7782-79-8: 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. Other Studies: 13. TRANSPORTATION INFORMATION IATA Proper Shipping name: Not classified as dangerous in the meaning of transport regulations at concentrations used Subsidiary Class: Not Regulated at concentrations used Subsidiary Class: No Information available Teactor III III 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.						
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Oral, rat: LD50 = 27 mg/kg;       Skin, rabbit: LD50 = 20 mg/kg;       Skin, rabit: LD50 = 50 mg/kg;       .CAS# 7732-18-5:       Oral, rat: LD50 = >90 mL/kg;       .CAS# 7782-79-8:       Inhalation, mouse: LC50 = 34 mg/m3;       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# 7732-78-8: Not listed by ACGIH, IARC, NTP, or CA Prop 65.       CAS# 7732-78-8: Not listed by ACGIH, IARC, NTP, or CA Prop 65.       CAS# 7732-78-79-8: Not listed by ACGIH, IARC, NTP, or CA Prop 65.       CAS# 7732-78-79-8: Not listed by ACGIH, IARC, NTP, or CA Prop 65.       CAS# 7782-79-8: Not listed by ACGIH, IARC, NTP, or CA Prop 65.       CAS# 7782-79-8: Not listed by ACGIH, IARC, NTP, or CA Prop 65.       CAS# 7782-79-8: Not listed by ACGIH, IARC, NTP, or CA Prop 65.       CAS# 7782-79-8: Not listed by ACGIH, IARC, NTP, or CA Prop 65.       CAS# 7782-79-8: No information available.       Mutagenicity: No information found       Reproductive Effects: No information available.       Mutagenicity: See actual entry in RTECS for complete information.       Other Studies:       13.TRANSPORTATION INFORMATION       IATA Proper Shipping name: Not classified as dangerous in						
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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: No information available Subsidiary Class: No information available Mutagenicity: See actual entry in RTECS for complete information. IATA Proper Shipping name: Not classified as dangerous in the meaning of transport regulations at concentrations used Hazard Class: No information available Subsidiary Class: No information available Mutagenicity: See actual entry in RTECS for Canada TDG Shipping Name: SODIUM AZIDE SODIUM AZIDE Hazard Class: 6.1 6.1 UN Number: UN1687 Packing Group: 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.	CAS# 26628-22-8: 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       Image: Subsidiary Class: No information available       Image: SobIUM AZIDE     SODIUM AZIDE       Hazard Class:     6.1       UN Number:     UN1687       UN1687     UN1687       Packing Group:     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.						
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        US DOT       Katard Class:     No information available        US DOT       Canada TDG       Shipping Name:     SODIUM AZIDE       SODIUM AZIDE     SODIUM AZIDE       Hazard Class:     6.1       UN 1687     UN1687       Packing Group:     II       11     11       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.						
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       Image: Sol DIUM AZIDE     Sol DIUM AZIDE       Hazard Class:     6.1       UN Number:     UN1687       UN1687     II       Packing Group:     II       II     II						
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       Image:     SODIUM AZIDE       Shipping Name:     SODIUM AZIDE       Hazard Class:     6.1       UN Number:     UN1687       Packing Group:     II       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.						
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       Image:     Image: Sop Dot Sop Dot Sop Dot Sop Dot Mage: United State: Sop Dot Mage: Dot M						
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       Image: Colspan="2">Other Stipping name: Not classified as dangerous in the meaning of transport regulations at concentrations used Subsidiary Class: Not Regulated at concentrations used Subsidiary Class: No information available       Image: Colspan="2">Other Canada TDG       Shipping Name:     SODIUM AZIDE     SODIUM AZIDE       Hazard Class:     6.1     6.1       UN Number:     UN1687     UN1687       Packing Group:     II     II       It. 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.						
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       Image: Solution available     Image: Solution available       Image: Solution available     Solution AZIDE       Image: Solution available     Solution AZIDE       Image: Solution available     Solution AZIDE       Image: Solution AZIDE     Image: Solution AZIDE    <						
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       Image: Sob IVM Azibe     Canada TDG       Shipping Name:     SODIUM AZIDE       Sob IVM Azibe     6.1       Image: UN1687     UN1687       Packing Group:     II       II     II       II     II       State 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.						
Hazard Class: Not Regulated at concentrations used       Subsidiary Class: No information available       US DOT     Canada TDG       Shipping Name:     SODIUM AZIDE     SODIUM AZIDE       Hazard Class:     6.1     6.1       UN Number:     UN1687     UN1687       Packing Group:     II     II       Hazard Class:     6.1     0.1       Solution of the state regulation of the						
Subsidiary Class: No information available       US DOT     Canada TDG       Shipping Name:     SODIUM AZIDE       SODIUM AZIDE     SODIUM AZIDE       Hazard Class:     6.1       UN Number:     UN1687       Packing Group:     II       II     II       State 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.						
US DOT       Canada TDG         Shipping Name:       SODIUM AZIDE       SODIUM AZIDE         Hazard Class:       6.1       6.1         UN Number:       UN1687       UN1687         Packing Group:       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.	-					
Shipping Name:     SODIUM AZIDE     SODIUM AZIDE       Hazard Class:     6.1     6.1       UN Number:     UN1687     UN1687       Packing Group:     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.						
Hazard Class:     6.1       Hazard Class:     6.1       UN Number:     UN1687       Packing Group:     II       II     II           Packing Group:     II           Masse Management Information (Disposal):     Any disposal practice must be in compliance with local, State, and Federal laws and regulations.         III   III						
UN Number:     UN1687       Packing Group:     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.						
Packing Group:     II     II       II     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.						
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.						
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.	Packing Group: II					
regulations. Check with local and State regulations before discharging into sewers or public landfills.	14. DISPOSAL CONSIDERATIONS					
	Waste Management Information (Disposal): Any disposal practice must be in compliance with local, State, and Federal laws and					
15 REGULATORY INFORMATION / LABELING	regulations. Check with local and State regulations before discharging into sewers or public landfills.					

**U.S. Federal Regulations:** 

SARA TITLE III, CERCLA - NONE

CPR, IDL, DSL/NDSL, 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