

# MATERIAL SAFETY DATA SHEET

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Product Name: **Seal Stic™ SS104 BRONZE EPOXY STICK**  
MSDS No: 138                      Revision No: 4

Issued by: Sam  
Issue Date: 08 May 2013

## Section 1 – Company Details

**Company Name:** SealXpert™ Products  
**Address:** 60 Kaki Bukit Place #09-11 Eunos Techpark  
Singapore 415979  
**Tel:** +65 6742 4992/6742 4998  
**Fax:** +65 6749 6916  
**Email:** mailbox@sealxpert.com

## Section 2 – Composition

| INGREDIENTS                           | CAS No     | Content (Wt%) | EXPOSURE LIMITS |
|---------------------------------------|------------|---------------|-----------------|
| Glycidyl ethers of bisphenol A resins | 25068-38-6 | 10 - 40       | N/A             |
| Crystalline silica                    | 14808-60-7 | 0 - 10        | N/A             |
| Zinc sulphide                         | 1314-98-3  | 0 - 10        | N/A             |
| Tri, Dimethylaminomethyl), Phenol     | 90-72-2    | 0 - 2         | N/A             |

Abbreviations : N/A – Not Applicable

## Section 3 – Hazardous Identification

**Safety Phrases** S1/2: Keep locked up and out of the reach of children.  
S24/25: Avoid contact with skin and eyes.  
S36/37/39: Wear suitable protective clothing, gloves and eye/ face protection.  
S26: In case of eye contact, rinse immediately with plenty of water and seek medical advice  
S28: After contact with skin, wash immediately with plenty of water  
S45: In case of accident or if you feel unwell seek medical advice immediately

## Section 4 – First Aid Measures

**Inhalation:** Provide fresh air. If breathing becomes difficult, call physician.  
**Skin :** Wash thoroughly with non-abrasive soap and water. Contaminated clothing should be removed and thoroughly washed before reuse. If irritation persists or develops, seek medical attention.  
**Eye:** Wash immediately with plenty of water for 15 minutes and consult a physician.  
**Ingestion:** Unlikely route of entry. Drink plenty of water and consult a physician. Do not induce vomiting.  
Keep out of reach of children.

## Section 5 – Fire Fighting Measures

**Flash Point :** Not available  
**Flammable Limits :** Not available  
**LEL :** Not available  
**UEL :** Not available  
**Extinguishing Media :** Water spray, foam, carbon dioxide or dry chemicals  
**Fire Fighting Procedures :** Wear self-contained breathing apparatus and full protective clothing to minimize exposure.

## Section 6 – Accidental Release Measures

**Personal Precautions:** Remove all possible sources of ignition in the surrounding area.  
**Environmental Precautions:** Do not discharge into drains or river. Contain the spillage using dry sand or earth.  
**Clean-up Methods:** To minimize soil and groundwater contamination, absorb liquid with sand earth or other recommended absorbent material. Wash the spillage with large amount of water.  
**Other Information:** Observe all relevant local regulations.

## Section 7 – Handling and Storage

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**Handling :**                      Wear protective glove and safety glasses while handling uncured product.  
  
    Maintain high standards of personal hygiene, washing hands after coming in contact with product.  
    Avoid eye and skin contact. Keep containers closed when not in use.

**Storage :**                      Store in cool, dry and well-ventilated area out of direct sunlight. Keep containers closed when not in use. Store away from all heat sources and incompatible materials such as strong oxidisers. Avoid sparks, flames and other ignition sources. For best results, rotate stock.

**Transportation :**              Not classified as Dangerous Goods according to Singapore Code for Transport of Dangerous Goods by Road and Rail

## Section 8 – Exposure Controls / Personal Protection

**Respiratory Type :**          Avoid breathing of dust, vapours, mists or spray. The use of respirator or face masks shall be used when dusts, vapours or mists are generated.

**Eye Protection:**              Suitable chemical safety goggles.

**Glove Type :**                      Suitable impervious protective clothing.

**Clothing :**                        Suitable impervious protective clothing.

## Section 9 – Physical and Chemical Characteristics

**Physical Appearance:**      Soft moldable putty

**Colour:**                              Bronze

**Odor:**                                Slight sulphur/ amine odour

**Water Solubility:**              Nil

**Specific Gravity:**                2.0

**Melting Point:**                  N/A

**Flammability Limits:**          N/A

**Evaporation Rate:**              N/A

**Vapour Pressure:**                N/A

**Vapour Density (AIR=1):**      1

## Section 10 – Stability and Reactivity

**Stability:**                              Stable under normal conditions of storage and handling

**Products to avoid:**                Strong oxidizers, sulphuric acid, peroxide, caustics & halogens

**Hazardous Reactions :**            None

**Hazardous Decomposition :**    None

## Section 11 – Toxicological Information

**Inhalation:**                        Mild irritant to respiratory tract with prolonged exposure.

**Skin:**                                    There may be slight irritation when contacted with the product.

**Eyes:**                                  There may be severe irritation in the eyes when splashed

**Ingestion:**                        Mild irritant to mucous membrane, throat and gastrointestinal tract.

## Section 12 – Ecological Information

**Ecotoxicity:**                        Not available

**Mobility:**                              Not determined

**Persistence/ Degradability:**    Not determined

**Bioaccumulation:**                Not determined

## Section 13 – Disposal Considerations

**Spills & Leaks :**                  Ensure ventilation is adequate to prevent build-up of potentially harmful vapours. Wear protective

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clothing and equipment to minimize exposure.

Scrape up material and place into container for disposal. Decontaminate area and equipment with dilute ammonia and detergent. Mix additional adsorbent into spill and dispose.

**Waste Disposal :** Solid waste landfill or authorized incineration

## Section 14 – Transport Information

**Transportation**      Not classified as Dangerous Goods and can be transported by Road, Rail and Air.  
The item is not restricted or not regulated as per IATA

## Section 15 – Regulatory Information

Not hazardous. Observe the governmental or local regulations to use the product safely.

## Section 16 – Other Information

**Other Precautions:** Removal of cured product with oscillating saws without adequate ventilation will potentially cause irritant dusts to be generated into atmosphere. The use of shears is recommended to remove old product from pipes so as to minimize dust formation.

### Warning to users:

This data sheet completes the technical notices but does not supersede them. The information contained in it is grounded to the statement of our knowledge of the product concerned at the publishing date.

Moreover, user's attention should be drawn on the possible risks incurred when a product is used for other purposes than those for which it has been designed. It does not stop in any case the user knowing and following the whole regulatory texts related to his activity. He will be the sole responsible of the precautions related to the use of the products he knows.

The aim of the whole regulatory prescriptions mentioned is to help the receiver to fulfill his duties when using the product. This list must not be considered as exhaustive. It does not stop the user from making sure that he complies with the written obligations other than those previously cited and which rule the fact of keeping and using the product for which he is the sole responsible person.