

**GLENMARC INDUSTRIES INC.** 2001 S. BLUE ISLAND AVE. CHICAGO IL 60608 PH: 312-243-0800 FAX: 312-243-4670 EMAIL: info@glenmarc .com

**MATERIAL SAFETY DATA SHEET  
P-1500 PORTION STICK**

MSDS date: 4/14/2008

**SECTION I- PRODUCT AND COMPANY INFORMATION**

PRODUCT NAME: P-1500 PORTION STICK  
CAS NUMBER: MIXTURE  
HAZARD RATING: HEALTH: 1 FIRE:1 REACTIVITY: 0 PPI: B

COMPANY IDENTIFICATION: GLENMARC INDUSTRIES INC.  
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PRODUCT CLASS: EPOXY PUTTY  
TRADE NAME: P-1500 PORTION STICK  
PRODUCT CODE: 220-0014/ 220-0014K  
DOT HAZARD CLASS: NONE  
SHIPPING NAME: PUTTY, NMFC 150110

**SECTION 2- INGREDIENT AND HAZARD INFORMATION**

INGREDIENT NAME	CAS NUMBER	PERCENT	TSCA
GLYCIDYL ETHERS OF BISPHENOL A RESINS HMIS HEALTH:2 FIRE:1 REACTIVITY: 0	25068-38-6	10-30 PPI: B	Y
TRI (DIMETHYLAMINOMETHYL) PHENOL HMIS HEALTH:2 FIRE:1 REACTIVITY:1	90-72-2	0.5-1.5 PPI:D	Y
ZINC SULFIDE HMIS HEALTH:2 FIRE:1 REACTIVITY:1	1314-98-3	0.5-1.5 PPI:E	Y

\*\*\*ALL INGREDIENTS IN THIS PRODUCT ARE LISTED IN THE T.S.C.A. INVENTORY

**SECTION 3 – PHYSICAL DATA**

Form: putty  
Appearance/Color: white/neutral  
Odor: sulfur, mercaptan  
Solubility in water: insoluble in water  
Ph Value: n/a  
Boiling point: n/a  
Vapor pressure (mmHg): n/a  
Melting point: n/a  
Evaporation rate: non volatile  
Vapor density: non volatile  
% volatile weight: 0.0%  
% volatile: <1%  
VOC: <1%

Molecular weight:  
Heavy elements (ppm) 0.  
Specific gravity 1.9

Note: physical data represented above are typical values and should not be construed as a specification. For additional physical data and details on use, please obtain a technical data sheet for this product.

#### **SECTION 4-FIRE AND EXPLOSION HAZARD DATA**

Flammability Class  
Flash range: none, n/a  
Explosive range none, n/a

EXTINGUISHING MEDIA: water spray, foam, co2, dry chemicals

UNUSUAL HAZARDS: N/A

FIRE FIGHTING: fire fighters and others who may be exposed to the products of combustion should be equipped with NIOSH-approved positive pressure self-contained breathing apparatus (SCBA) and full protective clothing.

#### **SECTION 5-HEALTH HAZARD DATA**

Route	Species	Exposure and Dose
Glycidyl ethers of bishpenal A resins		
Oral	Rat, adult	LD50 5000. mg/Kg
Skin	Rabbit, adult	LD50 20000. mg/Kg
Tri (dimethylaminomethyl) phenol		
Oral	Rat, adult	LD50 1630. mg/Kg

Permissible exposure level: N/A

Effects of overexposure: N/A

First Aide:

Note: never give anything by mouth to an unconscious person

#### **SECTION 6 –STABILITY AND REACTIVITY DATA**

Stability: stable  
Hazardous Polymerization: will not occur

Incompatibility:  
Conditions to Avoid:  
Hazardous decomposition products:

## SECTION 7-SPILL AND LEAK PROCEDURES

Steps to be taken:

Spills or leaks: dispose of in normal manner

Waste disposal method:

Incinerate in furnace or bury in landfill in accordance with all applicable regulations: not a hazardous waste.

## SECTION 8- EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limits:

ACGIH TLV	ACGIH TLV-C	ACGIH STEL	OSHA STEL	OSHA PEL
Glycidyl ethers of bisphenol A resins				
N/est	N/est	N/est	N/est	N/est
Tri(dimethylaminomethyl) phenol				
5.00 PPM	N/est	N/est	N/est	N/est
Zinc Sulfide				
5.00 PPM	N/est	N/est	N/est	N/est

Protective Equipment Types:

Eyes	Safety glasses/goggles
Respiratory	None required with well ventilated area
Gloves	Appropriate impervious gloves. Consult glove mfr. To determine proper type.
Other	n/a

Ventilation:

General mechanical	none required
Local exhaust	use to keep exposures below recommendation. Use if material is heated above 100F.

## SECTION 9- HANDLING AND STORAGE

Handling:

Storage temperature < 90F (32C)

Storage conditions: store in cool, dry, well ventilated area

Transfer: No special precautions needed. Follow good manufacturing and handling practices.

Personal Hygiene: wash thoroughly after handling, especially before eating, drinking, smoking and using restroom facilities. Wash contaminated goggles, faceshields and gloves. Professionally launder contaminated clothing before use.

Empty container precautions: ATTENTION! This container can be hazardous when empty. Follow label cautions even after the container is empty since empty containers could retain product residues. Do not re-use empty containers for food, clothing or products for human or animal consumption or where skin contact can occur.

## SECTION 10- REGULATORY INFORMATION

Incredient name	CAS number	Percent
Zinc sulfide	1314-98-3	0.5-1.5

Right to know:

Note:

**USER RESPONSIBILITY:** A bulletin such as this cannot be expected to cover all possible individual situations. As the user has the responsibility to provide a safe workspace, all aspects on an individual operation should be examined to determine id, or where precautions –in addition to those described herein-are required. Any health hazard and safety information herein should be passed on to your customers or employees as the case may be.

**DISCLAIMER OF LIABILITY:**

The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results and assume no liability for damage incurred by the use of this material. All chemicals may be present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist. Final determination of suitability of the chemical is the sole responsibility of the user. No representation of warranties either expressed or implied or merchantability, fitness for a particular purpose or any other nature are made hereunder with respect to the information refers. It is the responsibility of the user to comply with all applicable federal, state, local laws and regulations.