

Taiwan Steel Ground Enterprise Co., Ltd.

No.47-1, Lane 199, Renxin Road, Renwu Township

Kaohsiung County, TAIWAN 814

TEL 886-(07)-375-6058 FAX 886- (07)-375-6091

E-mail: sales@fastfix-it.com

MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT AND COMPANY INFORMATION

Product Name: Wood Epoxy Putty Stick
Cas Number: Mixture
Hazard Rating: Health: 1 Flammability: 1 Reactivity: 0

Company Identification: No.47-1, Lane 199, Renxin Road, Renwu Township
Kaohsiung County, TAIWAN 814
TEL 886-(07)-375-6058 FAX 886- (07)-375-6091

Contact: Warren Tsai
Telephone/Fax: TEL 886-(07)-375-6058 FAX 886- (07)-375-6091
Product Class: EPOXY PUTTY
Trade Name:
Product Code: 902-4
Material type: Wood Epoxy Putty Stick

SECTION 2- HAZARDS IDENTIFICATION

Warning! Irritant: Product contains chemicals known to cause skin and eye irritation and may cause sensitization by skin contact.

GHS Classification: Skin corrosion/irritation, Category 2

Serious eye damage/irritation, Category 2

Skin sensitisation, Category 1

Acute aquatic toxicity, Category 3

GHS Label Elements

Signal Word: Warning



H317 May cause an allergic skin reaction

H319 Causes serious eye irritation

H413 May cause long lasting harmful effects to aquatic life

Precautionary Statements:

P264 Wash hands (skin) thoroughly after handling

P273 Avoid release to the environment

P280 Wear protective gloves/protective clothing/eye protection/ face protection

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P303 + P361 IF ON SKIN: Take off contaminated clothing. Wash contaminated clothing before reuse.

P332 + P313 IF SKIN irritation occurs: Get medical advice/attention

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 IF eye irritation persists: Get medical advice/attention

SECTION 3 - COMPOSITION, INFORMATION ON INGREDIENTS

Ingredient	Cas Number	Percent	EC Index Number	LD50(oral-rat)
Glycidyl ethers of bisphenol A resins (average molecular weight <700)	25068-38-6	10-30	1	5000mg/kg
Magnesium Silica	14807-96-6	20-40	1	Not available
Fused Silica	60676-86-0	10-30	1	
Tri(dimethylaminomethyl)phenol	90-72-2	1-3	1	1630mg/kg
Calcium carbonate	00471-34-1	10-15		
Barium sulfate	7727-43-7	10-15		
Polyether polymercaptan Trade secret				

SECTION 4 - FIRST AID MEASURES

Inhalation: Remove to fresh air.
Ingestion: Seek medical advice.
Skin Contact: Wash with plenty of soap and water.
Eye Contact: Flush with water for at least 15 minutes. Seek medical advice.

NOTE: Never give anything by mouth to an unconscious person.

SECTION 5 - FIRE FIGHTING MEASURE

Flammable Conditions: Avoid direct sources of heat or ignition.
Extinguishing Media: Carbon dioxide, dry chemical and foam.
Flash Point: Not applicable-solid
Flammability Limits: LEL-not available UEL-not available
Autoignition Temperature: Not available
Hazardous Combustion Products: Oxides of carbon, aldehyde, acids, oxides of sulfur and nitrogen may be formed.
Sensitivity- Impact: Not available
Static: Not available

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Spill or Leak Procedures: Wear appropriate personal protective equipment. Avoid dust generation. Using a vacuum with HEPA filter will reduce dust dispersal. Place into a designated, labeled waste container. Prevent entry into sewers, water courses, basements or confined areas. Dispose of via a licensed waste disposal contractor.

SECTION 7 - HANDLING AND STORAGE

Keep container tightly closed

Storage Temperature: < 90°F (32°C)

Storage Conditions: Storage in cool, dry, well ventilated area.

Transfer: No special precautions are 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, faceshield, and gloves. Professionally launder contaminated clothing before re-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 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Protective Equipment Types:

Eyes: Safety glasses or goggles.

Respiratory: None required unless sanding or abrading

Gloves: Appropriate impervious gloves. Because a variety of protective gloves exist, Consult , glove manufacturer to determine the proper type for a specific operation.

Other: None required.

Ventilation: Use local exhaust as needed to maintain occupational exposure limits if sanding or abrading.

General Mechanical: None Required.

Local Exhaust: Only if heated above 100°F (38°C)

SECTION 9 - PHYSICAL DATA

Form:	PUTTY
Appearance / color:	BEIGE/WHITE
Odor:	Non
Solubility (in water):	Insoluble in water
Evaporation Rate:	NOT AVAILABLE
Vapor Density:	Non-Volatile
% Volatile Weight:	0.00%
Vapor Pressure:	NOT AVAILABLE
Flash Point:	NOT AVAILABLE
Auto Ignition Temperature:	NOT AVAILABLE
Upper Explosive Limit:	NOT AVAILABLE
Lower Explosive Limit:	NOT AVAILABLE
Boiling Point:	NOT AVAILABLE
Melting Point:	NOT AVAILABLE
VOC:	< 1%
Heavy Elements (ppm):	0
Specific Gravity:	2.18

NOTE:

The 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 10 - STABILITY AND REACTIVITY DATA

General: This is a stable material.

Conditions of Reactivity: Under normal conditions of storage and use, hazardous reactions will not occur.

Incompatible Materials and Conditions to Avoid:

Temperatures above 95°F (35°C). Oxidizing agents, acids and bases, amines.

Hazardous Decomposition: Nitrogen oxides. Combustion produces oxides of carbon including highly poisonous carbon monoxide. Sulphur oxides.

Hazardous Polymerization: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11 - TOXICOLOGICAL INFORMATION

Effect of over -exposure: Irritation of intestinal tract if ingested.

Exposure Limits: Magnesium Silica: 7 mg/m³ ACGIH(TLV) and OSHA(PEL).
OSHS(PEL)

Fused Silica – 5 mg/m³ PEL ,MSHA

Target Organs: No specific data

POTENTIAL HEALTH EFFECTS:

Eye Contact: Causes serious eye irritation. Symptoms may include pain or irritation, watering, redness.

Ingestion: Irritating to mouth, throat and stomach.

Inhalation: Dusts released from sanding hardened putty may cause irritation to the respiratory tract. Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.

Skin Contact: Causes skin irritation. Symptoms may include irritation, redness

LD50: Not available for mixture

LC50: Not applicable for mixture

Carcinogenicity: Silica, crystalline quartz:
IARC: Category 1
National Toxicology Program: Quartz 14808-60-7
OSHA: See Section 15
California Prop 65: Silica, crystalline (non-respirable). Talc, not containing asbestiform fibers.
Reproduction Toxicity: Not available
Teratogenicity: Not available
Mutagenicity: Not available
Synergistic Products: Not available
Diglycidyl ether of bisphenol A:
Ingestion: The oral LD50 for rats is 11.4 g/kg.
Skin: Severe irritant, Rabbit: 24 hours 2 Milligrams
2,4,6-Tri (dimethylaminomethyl) phenol:
Ingestion: The oral LD50 for rats is 1200 mg/kg.
Skin: The dermal LD50 for rats is 1280 mg/kg.
Skin: Severe irritant, Rat: 0.25 Milliliters

SECTION 12 - ECOLOGICAL INFORMATION

Environmental Fate: Environment: Limited ecotoxicity data was available for this product at the time this report was prepared. Ensure appropriate measures are taken prevent this product from entering the environment.
Inhalation: Remove to fresh air.
Ingestion: Seek medical advice.
Skin Contact: Wash with plenty of soap and water.
Eye Contact: Flush with water for at least 15 minutes. Seek medical advice.
NOTE: Never give anything by mouth to an unconscious person.

SECTION 13 - DISPOSAL CONSIDERATIONS

Mobility: Water contaminating.
Persistence and degradability: Not inherently biodegradable
Bioaccumulative potential: Taking into consideration the properties of several components, the product is estimated not to be readily biodegradable according to OECD classification.
Ozone depletion potential: No ozone depleting chemicals are present or used in manufacture.
Toxicity: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

SECTION 14 - TRANSPORT INFORMATION

NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE:

Shipping name: None Allocated
UN No: None Allocated
Hazchem Code: None Allocated
Pkg Group: None Allocated
DG Class: None Allocated
Subsidiary Risk(s): None Allocated
EPG: None Allocated

SECTION 15 - REGULATORY INFORMATION

CERCLA (Comprehensive Environmental Response Compensation and Liability Act): No Reportable Quantity
OSHA Hazard Communication Standard, 29 CFR 1910.1200: Crystalline silica, talc (no asbestos fibers).
SARA Title III (Superfund Amendments and Reauthorization Act): Crystalline silica non-respirable, Bisphenol-A-epichlorhydrin epoxy resin, 2,4,6-Tri (dimethylaminomethyl) phenol. This product contains zinc compounds which are subject to the reporting requirements of section 313. They constitute approximately 1-5% of the putty.
TSCA (Toxic Substances Control Act): Ingredients of this product are on the Inventory list.

SECTION 16 - OTHER INFORMATION

TSCA Inventory Status: Chemical components listed on TSCA inventory expect as exempted.

HMIS codes: Health: 1

DOT/TDG shipping information:

WHMIS Classification: D2A

Waste Disposal: Dispose in accordance with Federal, State/Provincial and local regulations.

Date Prepared: 2018-MAY

Prepare by: Technical Service Department