

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Christy's® FASTFIX
PRODUCT USE: Epoxy Repair Putty - Product Code RH-FF4
SUPPLIER and MANUFACTURER: T Christy Enterprises, Inc
 655 East Ball Road, Anaheim, CA 92805-5910
 Tel. 1-714-507-3300 (North America)
 Tel. 1-714-507-3300 (International)
SYNONYMS:
SUPPLIER :
EMERGENCY: Transportation/Medical issues: Tel. 800.535.5053 INFOTRAC

SECTION 2 - HAZARDS IDENTIFICATION

GHS CLASSIFICATION:

Health	Signal Word	Physical
Carcinogenicity: Category 1A Skin Corrosion: Category 2 Skin Sensitization: Category 1 Eye: Category 2B	DANGER	

GHS LABEL:



WHMIS CLASSIFICATION:

CLASS B, DIVISION 2 CLASS D, DIVISION 2B

Hazard Statements	Precautionary Statements
H315 Causes skin irritation H317 May cause an allergic skin reaction H320 Causes eye irritation H350 May cause cancer	P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P261 Avoid breathing dust. P264 Wash hands thoroughly after handling. P272 Contaminated work clothing should not be allowed out of the workplace. P280 Wear protective gloves. P302+P352 IF ON SKIN: Wash with plenty of soap and water. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P308+P313 IF exposed or concerned: Get medical attention. P321 Wear eye or face protection and any other personal protection equipment required. P333+P313 If skin irritation or rash occurs: Get medical attention. P337+P373 If eye irritation persists: Get medical attention. P362+P364 Take off contaminated clothing and wash it before reuse. P405 Store locked up. P501 Dispose of contents and container in accordance with all local, regional, national, and international regulations.

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

	CAS#	EINECS #	REACH	CONCENTRATION
			Pre-registration Number	% by Weight
Bisphenol-A-(epichlorhydrin); epoxy resin	25068-38-6			10-30
Crystalline silica non-respirable	14808-60-7			.1-1

SECTION 4 - FIRST AID MEASURES

Contact with eyes: Flush eyes immediately with plenty of water for 15 minutes and seek medical advice immediately.
Skin contact: Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water. Seek medical advice.
Inhalation: Remove to fresh air. If breathing is stopped, give artificial respiration. If breathing is difficult, give oxygen. Seek medical advice.
Ingestion: Rinse mouth with water. Give 1 or 2 glasses of water or milk to dilute. Do not induce vomiting. Seek medical advice immediately.

SECTION 5 - FIREFIGHTING MEASURES

Suitable Extinguishing Media: Use an extinguishing agent suitable for the surrounding fire
Unsuitable Extinguishing Media: None Known
Exposure Hazards: No specific hazard or explosion hazard
Decomposition Products: Carbon Dioxide, Carbon Monoxide, Sulfur Oxides
 Halogenated Compounds, and Metal Oxide/Oxides
Protection for Firefighters: Self-contained breathing apparatus or full-face positive pressure airline mask
Special Actions: Evacuate all persons from the vicinity of the incident if there is a fire

Health	HMIS	NFPA	
Flammability	2	2	0-Minimal
Reactivity	1	0	1-Slight
			2-Moderate
			3-Serious
			4-Severe

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions: Provide sufficient ventilation
 Put on appropriate personal protective equipment
Environmental Precautions: Prevent product or liquids contaminated with product from entering sewers, drains, soil or open water course.
Methods for Cleaning up: Move container from spill area. Vacuum with HEPA filter and place in a designated container.
 Dispose of container via a licensed waste disposal contractor

SECTION 7 - HANDLING AND STORAGE

Handling: Avoid breathing of vapor, avoid contact with eyes, skin and clothing.
 Do not ingest.
 Do not eat, drink or smoke while handling.
Storage: Store in ventilated room or shade below 35°C (95°F) and away from direct sunlight.
 Keep away from incompatible materials, food, and drinks.
 Keep container tightly closed and sealed until ready for use.

SECTION 8 - PRECAUTIONS TO CONTROL EXPOSURE / PERSONAL PROTECTION

EXPOSURE LIMITS:	Component	ACGIH TLV	NIOSH REL	OSHA PEL	OSHA STEL:
	Crystalline silica (non-respirable)	.025 mg/m3	.05 mg/m3	10 mg/m3 Respirable	30 mg/m3 total dust

Engineering Controls: If user operations generate dust, fumes, gas, vapor, or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.
Environmental Exposure: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.
Personal Protective Equipment (PPE):
Eye Protection: Avoid contact with eyes, wear splash proof chemical goggles
Skin Protection: Prevent contact with the skin as much as possible. Chemical resistant, impervious gloves should be used at all times. Personal protective equipment for the body should be selected base on the task being performed and the risks involved. It should be approved by a specialist before handling this product.
Respiratory Protection: Use proper fitted, particulate respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Solid, Dark grey - black	Odor Threshold:	Not Available
Odor:	Pungent, Sulfurous	Boiling Range:	Not Available
P.H.	Not Available	Evaporation Rate:	Not Available
Melting/Freezing Point:	Not Available	Flammability:	Flammable in presence of open flames sparks, and static discharge
Boiling Point:	Not Available	Flammability Limits:	LEL: N/A UEL: N/A
Flash Point:	Closed cup: >93.3C (199.9F)	Vapor Pressure:	Not Available
Relative Density	2.247	Vapor Density:	Not Available
Solubility:	Not Available	Other Data: Viscosity:	Not Available
Partition Coefficient n-octanol/water:	Not Available		
Auto-ignition Temperature:	Not Available		
Decomposition Temperature:	>200C (>392F)		
VOC Content :			

SECTION 10 - STABILITY AND REACTIVITY

Stability:	Stable
Hazardous decomposition products:	Under normal conditions of storage and use, hazardous decomposition products should not be produced
Conditions to avoid:	No specific data
Incompatible Materials:	No specific data

SECTION 11 - TOXICOLOGICAL INFORMATION

Likely Routes of Exposure:	Not available
Acute symptoms and effects:	
Inhalation:	No known significant effects or critical hazards.
Eye Contact:	Causes serious eye irritation
Skin Contact:	Causes skin irritation, May cause an allergic skin reaction
Ingestion:	Irritating to mouth, throat and stomach
Chronic (long-term) effects:	Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels

Toxicity:	Eye	Skin - Moderate irritation	Skin - Severe irritation
bisphenol-A-(epichlorhydrin); epoxy resin	100 milligrams (rabbit)	24 hours 500 micro liters	24 hours 2 milligrams

Carcinogenicity Classification	OSHA	IARC	NTP
Crystalline Silica non-respirable	-	1	Known to be a human carcinogen

Reproductive Effects	Teratogenicity	Mutagenicity	Developmental	Carcinogenicity	Synergistic Products
No known	No known	No known	No known	May cause cancer	Not Available

SECTION 12 - ECOLOGICAL INFORMATION

Toxicity:	No specific data		
Mobility:	Not available		
Degradability:	No specific data		
Bioaccumulation:			
	LogP	BCF	Potential
Bisohenol-A-(epichlorhydrin); epoxy resin	2.64 to 3.78	31	low

SECTION 13 - WASTE DISPOSAL CONSIDERATIONS

Follow local and national regulations. Consult disposal expert. Can be disposed of by controlled incineration. Empty containers may retain some product residues. disposed of as trash. Excessive quantities should not be permitted to enter drains, sewers or water courses.

SECTION 14 - TRANSPORT INFORMATION**DOT, IATA, ADR, IMO/MDG SHIPPING INFORMATION**

Proper Shipping Name:	Not Regulated
Hazard Class:	Not Regulated
Identification Number:	Not Regulated
Packing Group:	Not Regulated

Special precautions for user: Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage

SECTION 15 - REGULATORY INFORMATION

U.S. Federal Regulations TSCA 8(a) PAIR: Siloxanes and Silicones, di-Me, reaction products with silica
TSCA 8(a) CDR Exempt/Partial exemption: Not determined
United States Inventory (TSCA 8b): All components are listed or exempted

Clean Air Act Section 112 Not Listed

(b) Hazardous Air Pollutants (HAPs)

Clean Air Act Section 602 Not Listed

Class I & II Substances

SARA 311/312

Classification
Immediate (acute) health hazard
Delayed (chronic) health hazard

State Regulations

Massachusetts The following components are listed: SOAPSTONE; MINERAL WOOL FIBER

New Jersey The following components are listed: SOAPSTONE; SILICA; QUARTZ; QUARTZ (SiO2); FERROSILICON; FERROCERIUM

Pennsylvania The following components are listed: SOAPSTONE DUST; QUARTZ (SiO2)

California Prop. 65 **WARNING:** This product contains a chemical known to the State of California to cause cancer.

Ingredient name	Cancer	Reproductive	No significant risk level	Maximum acceptable dosage level
Talc, not containing asbestiform fibres	Yes	No	No	No
Crystalline silica non-respirable	Yes	No	No	No
carbon black non-respirable	Yes	No	No	No

SECTION 16 - OTHER INFORMATION**Specification Information:**

Department issuing data sheet: Environmental Health & Safety
e-mail address: <EHSinfo@tchristy.com> All ingredients are compliant with the requirements of the European Directive on RoHS (Restriction of Hazardous Substances).

Training necessary: Yes, training in practices and procedures contained in product literature.

Reissue date / reason for reissue: November 2013 / New GHS Standard Format

This product is intended for use by skilled individuals at their own risk. The information contained herein is based on data considered accurate based on current state of knowledge and experience. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof.