MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT AND COMPANY INFORMATION

Product Name:	RepairitQuik®
CAS Number:	Mixture
Hazard Rating:	**Health:** 1 **Fire:** 1 **Reactivity:** 0 **PPI:** B
Company Identification:	POLYMERIC SYSTEMS, INC. 723 WHEATLAND STREET PHOENIXVILLE PA 19460
Contact:	I. David Crossan
Telephone/Fax:	(610) 935-1170 / (610) 935-7123
Emergency Phone (24 Hour):	(800) 424-9300 (610) 935-1170
Chemtrec (24 Hour):	(800) 424-9300
Preparer:	I. David Crossan Technical Director
Product Class:	EPOXY PUTTY
Trade Name:	RepairitQuik®
Product Code:	4505
Shipping Name:	PUTTY, NMFC 150110

SECTION II - INGREDIENT AND HAZARD INFORMATION

Ingredient Name	CAS Number	Percent	TSCA
Glycidyl ethers of bisphenol A resins	25068-38-6	10 - 30	Y
HMIS Health: 2 **Fire:** 1 **Reactivity:** 0 **PPI:** B			
Tri(dimethylaminomethyl)phenol	90-72-2	0.5 - 1.5	Y
HMIS Health: 3 **Fire:** 1 **Reactivity:** 1 **PPI:** D			
Zinc sulfide	1314-98-3	0.5 - 1.5	Y
HMIS Health: 1 **Fire:** 0 **Reactivity:** 0 **PPI:** E			

*** ALL Ingredients in this product are listed in the T.S.C.A. Inventory

SECTION III - PHYSICAL DATA

Form:	Putty
Appearance/Color:	White/Neutral
Odor:	Sulfur, Mercaptan
Solubility (in water):	Insoluble in Water
pH Value:	Not Applicable
Boiling Range:	Not Applicable
Vapor Pressure (mmHg):	Not Applicable
Melting Point:	Not Applicable
Evaporation Rate:	Non Volatile
Vapor Density:	Non Volatile
% Volatile Weight:	0.%
% Volatile:	< 1%
VOC:	< 1%
Heavy Elements (ppm):	0.
Specific Gravity:	1.95

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 IV - FIRE AND EXPLOSION HAZARD DATA

Flammability Class: IIIB
Flash Range: Not Applicable
Explosive Range: Not Applicable

EXTINGUISHING MEDIA:

Water spray, foam, CO_2, dry chemicals.

UNUSUAL HAZARDS:

Aldehydes, acids, and oxides of carbon, nitrogen, and sulfur.

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 V - HEALTH HAZARD DATA

	Route	Species	Exposure and Dose
Glycidyl ethers of bisphenol 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:

Not Applicable

EFFECTS OF OVEREXPOSURE:

Inhalation: None
Ingestion: Irritation of intestinal tract
Skin Contact: Possible irritant and sensitizer.
Eye Contact: Possible irritant and sensitizer.

FIRST AID:

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 VI - STABILITY AND REACTIVITY DATA

Stability: This product is stable
Hazardous Polymerization: Hazardous polymerization will not occur

INCOMPATIBILITY

None

CONDITIONS TO AVOID:

None

HAZARDOUS DECOMPOSITION PRODUCTS:

Aldehydes, acids, and oxides of carbon, nitrogen, and sulfur.

SECTION VII - 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 VIII - 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 mg/M^3	N/est	N/est	N/est	5.00 mg/M^3

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:

General Mechanical: None Required
Local Exhaust: Only if heated above 100F (38C)

SECTION IX - HANDLING AND STORAGE

Storage Temperature: < 90F (32C)

Storage Conditions: Store 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, face shield, 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 X - REGULATORY INFORMATION

SARA TITLE III SECTION 313:

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right to Know Act of 1986 and of 40 CFR 372:

Ingredient Name	CAS Number	Percent
Zinc sulfide	1314-98-3	0.5 - 1.5

Right-to-Know:

The non-hazardous ingredients in the product subject to the Pennsylvania, New Jersey, and/or Massachusetts Right-to-Know laws are:

CAS	Chemical Name
14807-96-6	Magnesium Silicate Hydrate
Trade Secret	Polyether Polymercaptan
65997-17-3	Sodium Calcium Magnesium Silicate

NOTE:

USERS 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 workplace, all aspects of an individual operation should be examined to determine if, 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.

DISCLAMER 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 damages incurred by the use of this material. All chemicals may 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 that exist. Final determination of suitability of the chemical is the sole responsibility of the user. No representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose or any other natures are made hereunder with respect to the information refers. It is the responsibility of the user to comply with all applicable federal, state and local laws and regulations.