

# MATERIAL SAFETY DATA SHEET

MSDS Name: **Leakmaster Quick Set Putty**  
MSDS Number: **600450555**

Version Number: **3**  
MSDS Date: **6/14/02**

## **I. PRODUCT AND COMPANY INFORMATION**

**Product Name:** Leakmaster Quick Set Putty  
**CAS Number:** Mixture  
**Hazard Rating:** **Health: 1 Fire: 1 Reactivity: 0 PPI: B**  
**Company Identification:** ANDERSON MANUFACTURING CO., INC.  
2885 COUNTRY DRIVE. #190  
ST. PAUL, MN 55117  
**Contact:** Lance Anderson  
**Telephone/Fax:** (651) 484-1316 (651) 484-0930  
**Emergency Phone (24 Hour):** (800) 424-9300  
(610) 935-1170 – Polymeric Systems  
**Chemtrec (24 Hour):** (800) 424-9300  
**Preparer:** I. David Crossan, Technical Director – Polymeric Systems  
**Product Class:** EPOXY PUTTY  
**Trade Name:** Leakmaster Quick Set Putty  
**Product Code:** 4505  
**DOT Hazard Class:**  
**UN Number:**  
**Shipping Name:** Putty, NMFC 150110  
**Technical Name:**

## **II. INGREDIENT AND HAZARD INFORMATION**

<u>Hazardous Ingredients</u>	<u>CAS Number:</u>	<u>%</u>	<u>TSC</u>
Glycidyl ethers of bisphenol A resins HMIS Health: 2 Fire:1 Reactivity:0 PPI:B	25068-38-6	10 - 30	Y
Tri(dimethylaminomethyl)phenol HMIS Health: 3 Fire:1 Reactivity:1 PPI:D	90-72-2	0.5 - 1.5	Y
Zinc sulfide HMIS Health: 1 Fire:0 Reactivity:0 PPI:E	1314-98-3	0.5 - 1.5	Y

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

## **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:** < 1%  
**Specific Gravity:** 1.00  
**VOC:** < 1%  
**Molecular Weight:**  
**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.

**IV. FIRE AND EXPLOSION HAZARD DATA**

**Flammability Class:** IIIB  
**Flash Range:** Not Applicable  
**Explosive Range:** Not Applicable  
**Extinguishing Media:** Water spray, foam, CO2, dry chemicals  
**Unusual Hazards:** Aldehydes, acids, and oxides of carbon, nitrogen, & sulfur may be formed  
**Fire Fighting:** Fire fighters and others who may be exposed to the products of combustion should be equipped with a NIOSH-approved positive pressure self contained breathing apparatus(SCBA) and full protective clothing.

**V. HEALTH HAZARD DATA**

**Lethal Dose Information (ppm)**                      Oral      Skin      Inhale      LC50

**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:** N/A

**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 soap and water

**Eye Contact:** Flush with water for at least 15 minutes, consult a physician  
**NOTE:** Never give anything by mouth to an unconscious person.

## 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 & sulfur.

## 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 to all applicable regulations; not a hazardous waste.

## VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Occupational Exposure Limits:

	ACGIH TLV	ACGIH TLV-C	ACGIH STEL	OSHA STEL	OSHA PEL
<b>Glycidyl ethers of bisphenol A resins</b>	N/est	N/est	N/est	N/est	N/est
<b>Crystalline silica</b>	0.10 mg/M3	N/est	N/est	N/est	0.10 mg/M3
<b>Tri (dimethylaminomethyl) phenol</b>	5.00 PPM	N/est	N/est	N/est	N/est
<b>Zinc sulfide</b>	5.00 mg/M3	N/est	N/est	N/est	5.00 mg/M3

### Protective Equipment Types:

**Eyes:** Safety Glasses.  
**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 of a specific operation.  
**Other:** None Required.

### Ventilation:

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

## IX. HANDLING AND STORAGE

### HANDLING:

**Storage Temperature:** < 90F (32C)

**Storage Conditions:** Store in a 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.

## X. REGULATORY INFORMATION

<u>Chemical Name</u>	<u>CAS Number</u>	<u>%</u>
Zinc sulfide	1314-98-3	0.5 - 1.5

**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.

**DISCLAIMER OF LIABILITY:** The information contained herein is, to the 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, which exist. Final determination of suitability of the chemical is the sole responsibility of the user. No representation or warranties, either expressed or implied, of 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 and local laws and regulations.