

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
Glycidyl ethers of bisphenol A resins	N/est	N/est	N/est	N/est	N/est
Crystalline silica	0.10 mg/M3	N/est	N/est	N/est	0.10 mg/M3
Tri (dimethylaminomethyl) phenol	5.00 PPM	N/est	N/est	N/est	N/est
Zinc sulfide	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.