

MATERIAL SAFETY DATA SHEET

MSDS Name: **Leakmaster Pool Repair Putty**

Version Number: **2**

MSDS Date: **06/26/01**

MSDS Number: **600470550-1**

I. PRODUCT AND COMPANY INFORMATION

Product Name: Leakmaster Pool Repair Putty
CAS Number: Mixture
Hazard Rating: **Health: 1 Fire: 1 Reactivity: 0 PPI: B**
Company Identification: ANDERSON MANUFACTURING CO., INC.
2885 COUNTRY DR. #190
ST. PAUL, MN 55117
Contact: Lance Anderson
Telephone/Fax: (651) 484-1316 (651) 484-0930
Emergency Phone (24 Hour): (800) 424-9300 Chemtrec (24 Hour): (800) 424-9300
(610) 935-1170 – Polymeric Systems
Preparer: David Crossan, Technical Director – Polymeric Systems
Product Class: EPOXY PUTTY
Trade Name: Leakmaster Pool Repair Putty
Product Code: 4705
DOT Hazard Class:
UN Number:
Shipping Name: PUTTY, NMFC 150110
Technical Name:
Shipping Name: PUTTY, NMFC 150110

II. INGREDIENT AND HAZARD INFORMATION

<u>Ingredient Name:</u>	<u>CAS Number:</u>	<u>Percent:</u>	<u>TSCA:</u>
Glycidyl ethers of bisphenol A resins HMIS Health: 2 Fire: 1 Reactivity: 0 PPI: B_____	25068-38-6	7 - 13	Y
Diglycidyl ethers of bisphenol A resins HMIS Health: 1 Fire: 1 Reactivity: 0 PPI: B_____	028064-14-4	3 - 7	Y
Zinc sulfide HMIS Health: 1 Fire: 0 Reactivity: 0 PPI: E_____	1314-98-3	3 - 7	Y
Polymeric phenolic amine HMIS Health: 3 Fire: 1 Reactivity: 0 PPI: D_____	32610-77-8	1 - 5	Y

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

III. PHYSICAL DATA

Form:	Putty
Appearance/Color:	Green/white
Odor:	Amine, Fishy
Solubility (in water):	Insoluble in water
pH Value:	N/A
Boiling Range:	N/A
Vapor Pressure (mmHg):	N/A
Melting Point:	N/A
Evaporation Rate:	Non Volatile
Vapor Density:	Non Volatile
% Volatile Weight:	0%
% Volatile:	< 1.0%
VOC:	< 1.0%
Molecular Weight:	
Heavy Elements (ppm):	0
Specific Gravity:	1.9

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, 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.

V. HEALTH HAZARD DATA

<u>Route:</u>	<u>Species:</u>	<u>Exposure and Dose:</u>
Glycidyl ethers of bisphenol A resins		
Oral	Rat, adult	LD50 5000. mg/Kg
Skin	Rabbit, adult	LD50 20000. mg/Kg
Diglycidyl ethers of bisphenol A resins		
Oral	Rat, adult	LD50 5000. mg/Kg
Skin	Rabbit, adult	LD50 20000. 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 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.

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.

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.

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	
Diglycidyl ethers of bisphenol A resins	N/est	N/est	N/est	N/est	
Zinc sulfide	5.00 mg/M3	N/est	N/est	N/est	5.00 mg/M3
Polymeric phenolic amine	N/est	N/est	N/est	5.00 PPM	5.00 PPM

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 to proper type for 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 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

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:

<u>Ingredient Name</u>	<u>CAS Number</u>	<u>Percent</u>
Zinc sulfide	1314-98-3	3 - 7

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 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 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.

