



# MATERIAL SAFETY DATA SHEET

## RHINO PUTTY

### SECTION I - PRODUCT AND COMPANY INFORMATION

Product Name: UPOUÁUVVÿ  
 CAS Number: Mixture  
 Hazard Rating: Health: 1 Fire: 1 Reactivity: 0 PPI: B

Company Identification: Acro Products  
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Telephone/ : 5 L EV] ( \* " " ) ' ' \$ - & # \$ 7Ri i \* " " / \$ ' ( { ( \$ \$ 6 ^ R : info@rhinogluce.com

Product Class: EPOXY PUTTY  
 Trade Name: Rhino Putty  
 Product Code: PUT  
 Shipping Name: PUTTY

### SECTION II - INGREDIENT AND HAZARD INFORMATION

Ingredient Name	CAS Number	Percent	TSCA
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

### 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.

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## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

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**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, 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.

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## SECTION V - HEALTH HAZARD DATA

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	Route	Species	Exposure and Dose
<i>Glycidyl ethers of bisphenol A resins</i>	Oral	Rat, adult	LD50 5000. mg/Kg
	Skin	Rabbit, adult	LD50 20000. mg/Kg
<i>Tri(dimethylaminomethyl)phenol</i>	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.

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## SECTION VI - STABILITY AND REACTIVITY DATA

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**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.

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## SECTION VII - SPILL AND LEAK PROCEDURES

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### 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.

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## SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

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### Occupational Exposure Limits

	ACGIH TLV	ACGIH TLV-C	ACGIH STEL	OSHA STEL	OSHA PEL
<i>Glycidyl ethers of bisphenol A resins</i>	N/est	N/est	N/est	N/est	N/est
<i>Tri(dimethylaminomethyl)phenol</i>	5.00 PPM	N/est	N/est	N/est	N/est
<i>Zinc sulfide</i>	5.00 mg/M <sup>3</sup>	N/est	N/est	N/est	5.00 mg/M <sup>3</sup>

### PROTECTIVE EQUIPMENT TYPES:

<b>Eyes:</b>	Safety glasses or goggles.
<b>Respiratory:</b>	None required unless sanding or abrading.
<b>Gloves:</b>	Appropriate impervious gloves. Because a variety of protective gloves exist, consult glove manufacturer to determine the proper type for a specific operation.
<b>Other:</b>	None Required.

### VENTILATION:

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

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## SECTION IX - HANDLING AND STORAGE

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**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.

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## SECTION X - REGULATORY INFORMATION

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### 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