



## Safety Data Sheet

HMIS Ratings	
Health	1
Flammability	3
Reactivity	0
Protection	B

### Polyester Putty (No. 88)

## Section 1: Identification

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<b>Product Name:</b>	Polyester Putty (No. 88)
<b>Product Use:</b>	Automotive Reconditioning Product
<b>Restrictions on Use:</b>	For automobile use only
<b>Manufactured For:</b>	Blue Ribbon Products, Inc. 8188 Allison Avenue Indianapolis, IN 46268
<b>Phone Number:</b>	(317) 972-7970 * (888) 274-2266
<b>Emergency Phone:</b>	CHEMTREC 1-800-424-9300 For International Calls: (703) 527-3887

## Section 2: Hazard Identification

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<b>Hazard Class:</b>	Acute Inhalation Toxicity Category 4, Skin Irritant Category 2, Eye Irritant Category 2A, Flammable Liquid Category 3, Chronic Exposure Toxicity Category 1, Acute Aquatic Toxicity Category 3.
<b>Signal Word(s):</b>	Danger
<b>Hazard Statement:</b>	Harmful if inhaled. Causes skin irritation. Causes serious eye irritation. Flammable liquid and vapor. Causes damage to CNS, liver, and respiratory system through prolonged or repeated exposure. Harmful to aquatic life.

**Pictogram Classes:**



**Precautionary Measures:** Do not ingest, keep out of eyes. Avoid breathing dust/fumes/gas/mist/vapours/spray. Keep away from sources of ignition. Wear proper protective gear. Do not allow to contaminate water sources. No eating, drinking, or

smoking. Wash thoroughly after handling. Store tightly closed in a cool, well-ventilated place. Use outdoors or in well-ventilated area.

**Miscellaneous Hazards:** N/A

## Section 3: Composition/Information on Ingredients

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Chemical Name	CAS Number	Concentration (Wgt.%)
Styrene	100-42-5	12.5-20
Solvent Naphtha, light aromatic	64742-95-6	0.3-1
Nonhazardous chemicals and ingredients below reportable levels	Proprietary	79-87

## Section 4: First Aid Measures

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**Skin Contact** Wash immediately with soap and water. Take off all contaminated clothing. If irritation persists, seek medical attention.

**Eye Contact** Rinse cautiously with water for several minutes. Remove contact lenses if present/able. Continue rinsing. If eye irritation persists, get medical advice/attention

**Inhalation** Move person to non-contaminated air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Seek medical attention if symptoms develop or persist.

**Ingestion** If the material is swallowed and symptoms persist, get medical attention or advice.

**Notes for Immediate Care / Physician** Symptoms of poisoning may occur after a delay of several hours, thus maintain medical observation for 48 hours after an accident.

## Section 5: Fire Fighting Measures

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**Hazardous Combustion Products:**

Carbon Monoxide, carbon dioxide, and other hydrocarbon fragments.

**Extinguishing Media:**

Carbon dioxide. Alcohol foam. Do not use water.

**General Fire Hazards:**

Vapors are heavier than air and may travel along the ground to some distant source of ignition and flash back.

**Fire Fighting Equipment and Instructions:**

Firefighters should wear full protective gear.

**Section 6: Accidental Release Measures**

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**Personal Protection/PPE:**

Eliminate all sources of ignition. Wear mask, gloves, safety glasses or goggles, and an apron to avoid inhalation and skin and eye contact.

**Emergency Procedures:**

Eliminate all sources of ignition to avoid fire. Ensure ventilation to avoid inhalation. Do not allow to contaminate water sources.

**Containment Procedures:**

Eliminate sources of ignition. Absorb with inert absorbent such as dry clay, sand, diatomaceous earth, commercial sorbents, or recover using pumps.

**Cleanup Procedures:**

Absorb spill with inert material. Shovel material into appropriate container for disposal.

**Section 7: Handling and Storage**

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**Handling Procedures:**

Keep this product from heat, sparks, or open flame. Avoid prolonged or repeated skin contact with this material. Do not allow this product to contaminate streams, aquifers, or other water sources, as it is harmful to aquatic life. Ensure proper ventilation.

**Storage Procedures:**

Keep the container tightly closed. Do not store, incinerate, or heat this material above 120°F. Do not freeze.

**Section 8: Exposure Controls/Personal Protection**

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Chemical	CAS Number	PEL-OSHA	Exposure Limits	Carcinogen
			TLV-ACGIH	
Styrene	100-42-5	100 ppm TWA 200 ppm C	20 ppm TWA 40 ppm STEL	No
Solvent Naphtha, light aromatic	64742-95-6	50 ppm	50 ppm	No
Nonhazardous chemicals and ingredients below reportable levels	Proprietary	N/A	N/A	N/A

**Engineering Controls:**

Local exhaust ventilation should be used.

**Personal Protective Equipment:****Eyes/Face:**

Wear chemical goggles.

**Skin:**

Use impervious gloves. Use of impervious apron and boots are recommended.

**Respiratory:**

If ventilation is not sufficient to effectively prevent buildup of vapor/mist/fume/dust, appropriate NIOSH/MSHA respiratory protection must be provided.

**General:**

Eye wash fountain and emergency showers are recommended. Use good industrial hygiene practices in handling this material.

## Section 9: Physical and Chemical Properties

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<b>Appearance:</b>	Viscous Beige Fluid
<b>Flammability Limits:</b>	Not applicable.
<b>Explosive Limits:</b>	1.2 Vol% (lower), 8.9 Vol% (upper)
<b>Odor:</b>	Characteristic
<b>Odor Threshold:</b>	Not available.
<b>Vapor Density:</b>	1.8 g/cm <sup>3</sup> (20°C)
<b>Vapor Pressure:</b>	6 hPa (20°C)
<b>pH:</b>	Not available.
<b>Relative Density:</b>	1.8 g/cm <sup>3</sup> (20°C)
<b>Melting Point:</b>	Not available.
<b>Solubility:</b>	Not miscible with water.
<b>Initial Boiling Point/Boiling Range:</b>	145°C
<b>Flash Point:</b>	34°C
<b>Ignition Temperature:</b>	480°C
<b>Evaporation Rate:</b>	Not available.
<b>Partition Coefficient (n-octanol/water):</b>	Not available.
<b>Decomposition Temperature:</b>	Not available.
<b>Viscosity:</b>	1150 mPas (dynamic, 20°C)

## Section 10: Stability and Reactivity

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**Reactivity:**

None known.

**Chemical Stability:**

This is a stable material.

**Hazardous Decomposition:**

Hazardous combustion products may include carbon monoxide, carbon dioxide, and other hydrocarbon fragments.

**Hazardous Polymerization:**

Will not occur.

**Incompatible Materials:**

None known.

**Conditions Leading to Hazard:**

Storage at temperatures approaching or exceeding 120°F, allowing product to freeze.

## Section 11: Toxicological Information

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**Acute Toxicity Estimate – Oral:** >5000 mg/kg

**Acute Toxicity Estimate – Dermal:** >5000 mg/kg

**Acute Toxicity Estimate – Inhalation:** 4.4 mg/L

**Reproductive Toxicity/Germ Cell Mutagenicity:** No ingredients with positive in vivo tests.

**Skin/Inhalation Sensitization:** This product is not expected to cause sensitization.

**Carcinogenicity:** Contains styrene, a compound with limited evidence of carcinogenicity in animals, and unclear results in humans. Styrene is not currently classified as a human carcinogen.

**Special Note:** High chronic doses of styrene have caused hearing loss in rats. The relevance of this finding to human exposure is currently unknown.

## Section 12: Ecological Information

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Existing Structure Activity Relationship (SAR) and Experimental data on the components of this product indicate Acute Category 3, but no Chronic Toxicity to the aquatic environment. Bioaccumulation and other routes of aquatic contamination have insufficient data to be considered.

None of the components of this product are listed in the Montreal Protocol or its Amendments.

## Section 13: Disposal Concerns

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Dispose of waste material in accordance with Local, State, Federal, and Provincial Environmental Regulations. Do not dispose with household garbage, or allow product to reach sewer system.

## Section 14: Transport Information

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**Proper Shipping Name:** Polyester Resin Kit

**Identification Number:** UN3269

**Packaging Group:** III

Hazard Class:

3

## Section 15: Regulatory Information

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### US Federal Regulations

#### CERCLA/SARA – Section 313 – Emission Reporting

Styrene

### State Regulations

#### California – Proposition 65 – Carcinogens List

None.

## Section 16: Other Information

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### Disclaimer:

NOTICE: The information presented herein is based on data considered to be accurate as of the date of preparation of this Safety Data Sheet. However, SDS may not be used as a commercial specification sheet of manufacturer or seller, and no warranty or representation, expressed or implied, is made as to the accuracy or comprehensiveness of the foregoing data and safety information, nor is any authorization given or implied to practice any patented invention without a license. In addition, no responsibility can be assumed by the vendor for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices, or from any hazards inherent in the nature of the product.

### Prepared By

Technical Department

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