

# MATERIAL SAFETY DATA SHEET — 16 Sections

## SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier <b>Blood Powder</b>		[WHMIS Classification] <b>Non Hazardous</b>	
Product Use <b>Dissolve in water based liquids to create blood effects oozing from wounds for medical simulation training</b>			
Manufacturer's Name <b>train4REAL LLC</b>		Supplier's Name	
Street Address <b>128 College Park</b>		Street Address	
City <b>Monroeville</b>	Province <b>PA</b>	City	Province
Postal Code <b>15146</b>	Emergency Telephone <b>724-757-2774</b>	Postal Code	Emergency Telephone
Date MSDS Prepared <b>12/24/2014</b>	MSDS Prepared By <b>John Matechen</b>	Phone Number <b>724-757-2774</b>	

## SECTION 2 — COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients ( <i>specific</i> )	%	CAS Number	LD <sub>50</sub> of Ingredient ( <i>specify species and route</i> )	LC <sub>50</sub> of Ingredient ( <i>specify species</i> )
<b>NONE</b>				
<b>Not hazardous according to US OSHA Hazard Communication Standard 29 CFR 1910.1200</b>	<b>100</b>			

Route of Entry ☐ Skin Contact ☐ Skin Absorption ☐ Eye Contact ☐ Inhalation ☐ Ingestion

[Emergency Overview]

<b>None</b>				
S Symbols] <b>N/A</b>				
Potential Health Effects <b>None Known</b>				

## SECTION 3 — HAZARDS IDENTIFICATION

## SECTION 4 — FIRST AID MEASURES

Skin Contact <b>Non Toxic. Wash with warm water and mild soap.</b>
Eye Contact <b>Non Toxic. Flush with copious amounts of water</b>
Inhalation <b>Remove to fresh air immediately – contact physician if necessary</b>
Ingestion



**Drink plenty of water. Contact a physician if necessary**

SAMPLE FORMAT PROVIDED BY THE WORKERS' COMPENSATION BOARD OF BRITISH COLUMBIA

**57M6** (6/99)

*Please continue on reverse side*

## SECTION 5 — FIRE FIGHTING MEASURES

Flammable <input type="checkbox"/> Yes	NO <input checked="" type="checkbox"/> X	If yes, under which conditions? <b>NONE</b>	
Means of Extinction <b>Water, foam, dry chemical, CO2</b>			
Flashpoint (° C) and Method <b>NON FLAMMABLE</b>		Upper Flammable Limit (% by volume) <b>N/A</b>	Lower Flammable Limit (% by volume) <b>N/A</b>
Autoignition Temperature (°C) <b>N/A</b>		Explosion Data — Sensitivity to Impact <b>NONE</b>	Explosion Data — Sensitivity to Static Discharge <b>NONE</b>
Hazardous Combustion Products <b>NONE</b>			
[NFPA] <b>N/A</b>			

## SECTION 6 — ACCIDENTAL RELEASE MEASURES

Leak and Spill Procedures
<b>NONE – Clean with soap and water</b>

## SECTION 7 — HANDLING AND STORAGE

Handling Procedures and Equipment
<b>Handle indoors away from fans that could blow powder into the air</b>
Storage Requirements
<b>Store in clean dry area.</b>

## SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Limits <b>NONE</b> <input type="checkbox"/> ACGIH TLV	<input type="checkbox"/> OSHA PEL	<input type="checkbox"/> Other (specify)
Specific Engineering Controls (such as ventilation, enclosed process) <b>None required</b>		
Personal Protective Equipment	<input type="checkbox"/> Gloves	<input type="checkbox"/> Respirator
<b>None required</b>	<input type="checkbox"/> Eye	<input type="checkbox"/> Footwear
If checked, please specify type	<input type="checkbox"/> Clothing	<input type="checkbox"/> Other

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Physical State <b>Liquid</b>	Odour and Appearance <b>Dark Red, Sweet Smell</b>	Odour Threshold (ppm) <b>N/A</b>
Specific Gravity <b>1 Appx</b>	Vapour Density (air = 1) <b>N/A</b>	Vapour Pressure (mmHg) <b>N/A</b>
Evaporation Rate <b>NONE</b>	Boiling Point (° C) <b>N/A</b>	Freezing Point (° C) <b>N/A</b>
PH <b>N/A</b>	Coefficient of Water/Oil Distribution <b>N/A</b>	[Solubility in Water] <b>YES</b>

SECTION 10 — STABILITY AND REACTIVITY

Chemical Stability <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If no, under which conditions?
Incompatibility with Other Substances <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, which ones?

Reactivity, and under what conditions?	<b>N/A</b>
Hazardous Decomposition Products	<b>N/A</b>

SECTION 11 — TOXICOLOGICAL INFORMATION

Effects of Acute Exposure	<b>NONE</b>
Effects of chronic exposure	<b>N/A</b>
Irritancy of Product	<b>None Known</b>
Skin sensitization	<b>None Known</b>
Respiratory sensitization	<b>None Known</b>
Carcinogenicity-IARC	<b>None Known</b>
Carcinogenicity - ACGIH	<b>None Known</b>

Product Identifier- 5 –

Reproductive toxicity	None Known	Teratogenicity	None Known
Embrototoxicity	None Known	Mutagenicity	None Known
Name of synergistic products/effects		None Known	

## SECTION 12 — ECOLOGICAL INFORMATION

[Aquatic Toxicity] None Known

## SECTION 13 — DISPOSAL CONSIDERATIONS

Waste Disposal Recycle or Landfill

## SECTION 14 — TRANSPORT INFORMATION

Special Shipping Information Ship in standard packaging materials. No special handling required

PIN

TDG

[DOT]

[IMO]

[ICAO]

## SECTION 15 — REGULATORY INFORMATION

[WHMIS Classification] N/A

[OSHA]  
N/A

[SERA] N/A

[TSCA]  
N/A

*This product has been classified in accordance with the hazard criteria of the  
Controlled Products Regulations (CPR) and the MSDS contains all of the information required by CPR.*

## SECTION 16 — OTHER INFORMATION

These products are delivered as solid/cured silicone components. They are inert, non-toxic, and non flammable. The only potential hazard is via choking, however non of the products are designed for use orally.