# MATERIAL SAFETY DATA SHEET — 16 Sections

### SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier Wounds – Pressure Ulcers, Incisions, Suture practice Pads				[WHMIS CI None	assification]	
Product Use Wounds for medical simul	ation trai	ning				
Manufacturer's Name train4REAL LLC			Supplier's Name			
Street Address 128 College Park			Street Address			
<sup>City</sup> Monroeville		Province PA	City			Province
Postal Code 15146	Emergency 1 724-757	•	Postal Code		Emergency To	elephone
Date MSDS Prepared 12/24/2014		MSDS Prepared By John Matechen		Phone Num 724-75		

### SECTION 2 — COMPOSITION/INFORMATION ON INGREDIENTS

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

None	
Route of Entry	
[Emergency Overview]	
S Symbols] N//A	
Potential Health Effects Non Known	
SECTION 3 — HAZARDS IDENTIFICATION SECTION 4 — FIRST AID MEASURES	
Skin Contact NONE	
Eye Contact NONE	
Inhalation	
NONE	
Ingestion	

### NONE

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

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Please continue on reverse side

### SECTION 5 — FIRE FIGHTING MEASURES

Flammable NO	If yes, under which conditions?	
Means of Extinction <b>NONE</b>		
Flashpoint (° C) and Method	Upper Flammable Limit (% by volume) <b>N/A</b>	Lower Flammable Limit (% by volume)
Autoignition Temperature (°C)	Explosion Data — Sensitivity to Impact	Explosion Data — Sensitivity to Static Discharge <b>NONE</b>
Hazardous Combustion Products NONE		
[NFPA] <b>N/A</b>		

Leak and Sp	oill Procedures	

NONE

### SECTION 6 — ACCIDENTAL RELEASE MEASURES

Handling Procedures and Equipment

NONE REQUIRED

Storage Requirements

Store in clean dry area

### SECTION 7 — HANDLING AND STORAGE

### SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Limits NONE				(	
		🗇 OSHA PEL		Other (specify)	
Specific Engineering Controls (such as ventilation, enclosed process)					
None required					
Personal Protective Equipment 🛛 Gloves 🗖 Respirator	🗖 Eye	Footwear	Clothing	Other	
None required					
If checked, please specify type					

### SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Physical State Cured Silicone - Solid	Odour and Appearance Semi transparent until color applied	Odour Threshold (ppm) NONE
Specific Gravity	Vapour Density (air = 1)	Vapour Pressure (mmHg)
1.5 Аррх	N/A	N/A
Evaporation Rate	Boiling Point (° C)	Freezing Point (° C)
NONE	NONE	N/A
рН	Coefficient of Water/Oil Distribution	[Solubility in Water]

SECTION 10 - STABILITY AN	D REACTIVITY
Chemical Stability X 🛛 Yes 🗇	If no, under which conditions?

No	
Incompatibility with Other Substances	If yes, which ones?

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

# SECTION 11 — TOXICOLOGICAL INFORMATION Effects of Acute Exposure NONE

Effects of chronic exposure <b>N/A</b>	
Irritancy of Product None Known	
Skin sensitization None Known	Respiratory sensitization None Known
Carcinogenicity-IARC None Known	Carcinogenicity - ACGIH None Known
Reproductive toxicity None Known	Teratogenicity None Known
Embrotoxicity 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

### SECTION 15 — REGULATORY INFORMATION

Special Shipping Information Ship in standard packaging materials. No special handling required			
			PIN
TDG		[DOT]	
[IMO]		[ICAO]	
[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.

# MATERIAL SAFETY DATA SHEET — 16 Sections

### SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier Stage Blood (liquid)				assification] - Water Based	
Product Use Blood oozing from wounds	s for med	lical simulation tra	ining		
Manufacturer's Name train4REAL LLC			Supplier's Name		
Street Address 128 College Park			Street Address		
<sup>City</sup> Monroeville		Province PA	City		Province
Postal Code         Emergency Telepi           15146         724-757-27		•	Postal Code		Emergency Telephone
		MSDS Prepared By John Matechen		Phone Num 724-75	

### SECTION 2 — COMPOSITION/INFORMATION ON INGREDIENTS

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

Nono
None
ute of Entry
[Emergency Overview]
S Symbols] N//A
S Symbols] N//A Potential Health Effects None Known
SECTION 3 — HAZARDS IDENTIFICATION
SECTION 4 — FIRST AID MEASURES
Skin Contact Non Toxic. Wash with warm water and mild soap.
Eye Contact Non Toxic. Flush with copious amounts of water
Inhalation
NONE

### NONE

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

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Please continue on reverse side

### SECTION 5 — FIRE FIGHTING MEASURES

Flammable NO	If yes, under which conditions?	
Means of Extinction NONE		
Flashpoint (° C) and Method	Upper Flammable Limit (% by volume) <b>N/A</b>	Lower Flammable Limit (% by volume)
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		
[NFPA] <b>N/A</b>		

Leak and Spill Procedures

### NONE – Clean with soap and water

### SECTION 6 — ACCIDENTAL RELEASE MEASURES

Handling Procedures and Equipment

### NONE REQUIRED

Storage Requirements

Store in clean dry area. May dry out over time if left outside of container

### SECTION 7 — HANDLING AND STORAGE

### SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Limits NONE				
ACGIH TLV	OSHA PEL		Other	(specify)
Specific Engineering Controls (such as ventilation, enclosed process)				
None required				
Personal Protective Equipment 🛛 Gloves 🛛 Respirator	🗖 Eye	Footwear	Clothing	Other
None required				
If checked, please specify type				

### SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Physical State Liquid	Odour and Appearance Dark Red, Sweet Smell	Odour Threshold (ppm)
Specific Gravity 1 Appx	Vapour Density (air = 1) <b>N/A</b>	Vapour Pressure (mmHg) N/A
Evaporation Rate	Boiling Point (° C) Above 120 degrees	Freezing Point (° C) Below 32 degrees
РН <b>N/A</b>	Coefficient of Water/Oil Distribution 50/50	[Solubility in Water] YES

SECTION 10 — STABILITY AN	D REACTIVITY
Chemical Stability	If no, under which conditions?

No	
Incompatibility with Other Substances	If yes, which ones?

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

## SECTION 11 — TOXICOLOGICAL INFORMATION

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

### SECTION 15 — REGULATORY INFORMATION

Special Shipping Information Ship in standard packaging materials. No special handling required			
			PIN
TDG		[DOT]	
[IMO]		[ICAO]	
[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.

# MATERIAL SAFETY DATA SHEET — 16 Sections

### SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier <b>PUS</b>		[WHMIS Classification] NONE - Water Based		
Product Use PUS oozing from wounds	for medical simulation tr	aining		
Manufacturer's Name train4REAL LLC		Supplier's Name		
Street Address 128 College Park		Street Address		
<sup>City</sup> Monroeville	Province <b>PA</b>	City Province		
Postal Code 15146	Emergency Telephone 724-757-2774	Postal Code Emergency Telephone		
Date MSDS Prepared 12/24/2014	MSDS Prepared By John Mateche	n Phone Number 724-757-2774		

### SECTION 2 — COMPOSITION/INFORMATION ON INGREDIENTS

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

A& STERY  [Prespect Convect Social N/A Present Heads None Known  SECTION 3 — HAZARDS IDENTIFICATION SECTION 4 — FIRST AID MEASURES  SECTION 5 — HAZARDS IDENTIFICATION SECTION 4 — FIRST AID MEASURES  SECTION 5 — HAZARDS IDENTIFICATION 5 — HA	None	
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S Symbols N//A Potential Health Effects None Known SECTION 3 — HAZARDS IDENTIFICATION SECTION 4 — FIRST AID MEASURES Skin Contact NONE. Wash with warm water and soap Eye Contact NONE. Flush with water Inhalation NONE	Poute of Entry	
S Symbols N//A Potential Health Effects None Known SECTION 3 — HAZARDS IDENTIFICATION SECTION 4 — FIRST AID MEASURES Skin Contact NONE. Wash with warm water and soap Eye Contact NONE. Flush with water Inhalation NONE		
Potential Heath Effects None Known SECTION 3 — HAZARDS IDENTIFICATION SECTION 4 — FIRST AID MEASURES Skin Contact NONE. Wash with warm water and soap Eye Contact NONE. Flush with water Inhalation NONE	[Emergency Overview]	
Potential Heath Effects None Known SECTION 3 — HAZARDS IDENTIFICATION SECTION 4 — FIRST AID MEASURES Skin Contact NONE. Wash with warm water and soap Eye Contact NONE. Flush with water Inhalation NONE		
Potential Heath Effects None Known SECTION 3 — HAZARDS IDENTIFICATION SECTION 4 — FIRST AID MEASURES Skin Contact NONE. Wash with warm water and soap Eye Contact NONE. Flush with water Inhalation NONE		
Potential Heath Effects None Known SECTION 3 — HAZARDS IDENTIFICATION SECTION 4 — FIRST AID MEASURES Skin Contact NONE. Wash with warm water and soap Eye Contact NONE. Flush with water Inhalation NONE		
SECTION 3 — HAZARDS IDENTIFICATION SECTION 4 — FIRST AID MEASURES Skin Contact NONE. Wash with warm water and soap Eye Contact NONE. Flush with water Inhalation NONE		
SECTION 4 — FIRST AID MEASURES Skin Contact NONE. Wash with warm water and soap Eye Contact NONE. Flush with water Inhalation NONE	Potential Health Effects NOTIE CLIOWIT	
SECTION 4 — FIRST AID MEASURES Skin Contact NONE. Wash with warm water and soap Eye Contact NONE. Flush with water Inhalation NONE		
SECTION 4 — FIRST AID MEASURES Skin Contact NONE. Wash with warm water and soap Eye Contact NONE. Flush with water Inhalation NONE		
SECTION 4 — FIRST AID MEASURES Skin Contact NONE. Wash with warm water and soap Eye Contact NONE. Flush with water Inhalation NONE		
Skin Contact NONE. Wash with warm water and soap Eye Contact NONE. Flush with water Inhalation NONE Inhalation	SECTION 3 — HAZARDS IDENTIFICATION	
NONE. Wash with warm water and soap  Eye Contact NONE. Flush with water Inhalation NONE	SECTION 4 — FIRST AID MEASURES	
Eye Contact NONE. Flush with water Inhalation NONE		
NONE. Flush with water Inhalation NONE	NONE. Wash with warm water and soap	
NONE. Flush with water Inhalation NONE		
Inhalation NONE		
NONE	NUNE. Flush with water	
NONE		
Ingestion	NONE	
	Ingestion	

### NONE

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

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Please continue on reverse side

### SECTION 5 — FIRE FIGHTING MEASURES

Flammable NO Tyes TX	If yes, under which conditions?	
Means of Extinction NONE		
Flashpoint (° C) and Method	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
Hazardous Combustion Products		
[NFPA] <b>N/A</b>		

Leak and Spill Procedures

NONE

### SECTION 6 — ACCIDENTAL RELEASE MEASURES

Handling Procedures and Equipment

### NONE REQUIRED

Storage Requirements

Store in clean dry area. May dry out over time if left outside of container

### SECTION 7 — HANDLING AND STORAGE

### SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Limits NONE				
ACGIH TLV	🗖 OSHA PE	L	<b>D</b> Other	(specify)
Specific Engineering Controls (such as ventilation, enclosed process)				
None required				
Personal Protective Equipment 🗍 Gloves 🗍 Respirator	🗖 Eye	Footwear	Clothing	<b>O</b> ther
None required				
If checked, please specify type				

### SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Physical State Liquid	Odour and Appearance Pale yellow, Very Slight Sweet smell	Odour Threshold (ppm)
Specific Gravity 1 Appx	Vapour Density (air = 1) <b>N/A</b>	Vapour Pressure (mmHg) <b>N/A</b>
Evaporation Rate NONE	Boiling Point (° C) NONE	Freezing Point (° C) <b>N/A</b>
рн <b>N/A</b>	Coefficient of Water/Oil Distribution 50/50	[Solubility in Water] YES

SECTION 10 — STABILITY	AND REACTIVITY	
Chemical Stability	If no, under which conditions?	

No	
Incompatibility with Other Substances	If yes, which ones?

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

### SECTION 11 — TOXICOLOGICAL INFORMATION

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

### SECTION 15 — REGULATORY INFORMATION

Special Shipping Information S	Ship in standard packaging materials.	No special handling required	
			PIN
TDG		[DOT]	
[IMO]		[ICAO]	
[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.

# MATERIAL SAFETY DATA SHEET — 16 Sections

### SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier	[WHMIS Classification]
Blood Powder	Non Hazardous
Product Use	

Dissolve in water based lie	quids to create blood ef	fects oozing from wo	ounds for m	edical simulation training
Manufacturer's Name train4REAL LLC		Supplier's Name		
Street Address 128 College Park		Street Address		
City Monroeville	Province <b>PA</b>	City		Province
Postal Code 15146	Emergency Telephone 724-757-2774	Postal Code		Emergency Telephone
Date MSDS Prepared 12/24/2014	MSDS Prepared By John Matech	en	Phone Num 724-75	

### SECTION 2 — COMPOSITION/INFORMATION ON INGREDIENTS

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

None		
pute of Entry		
[Emergency Overview]		
S Symbols] N/A		
Potential Health Effects None Known	 	

### SECTION 3 — HAZARDS IDENTIFICATION SECTION 4 — FIRST AID MEASURES

Skin Contact

Non Toxic. Wash with warm water and mild soap.

Eye Contact

Non Toxic. Flush with copious amounts of water

Inhalation

Remove to fresh air immediately - contact physician if necessary

Ingestion

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Please continue on reverse side

### SECTION 5 — FIRE FIGHTING MEASURES

Flammable NO TYes TX	If yes, under which conditions?	
Means of Extinction		
Water, foam, dry chemical, CO2		
Flashpoint (° C) and Method	Upper Flammable Limit (% by volume)	Lower Flammable Limit (% by volume)
NON FLAMABLE	N/A	N/A
Autoignition Temperature (°C)	Explosion Data — Sensitivity to Impact	Explosion Data — Sensitivity to Static Discharge
N/A	NONE	NONE
Hazardous Combustion Products		
NONE		
[NFPA]		
N/A		

Leak and Spill Procedures

### NONE – Clean with soap and water

### SECTION 6 — ACCIDENTAL RELEASE MEASURES

Handling Procedures and Equipment

### Handle indoors away from fans that could blow powder into the air

Storage Requirements

Store in clean dry area.

### SECTION 7 — HANDLING AND STORAGE

### SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Limits NONE				
🗖 ACGIH TLV	🗖 OSHA PE	L	🗖 Other (	(specify)
Specific Engineering Controls (such as ventilation, enclosed process)				
None required				
Personal Protective Equipment 🗍 Gloves 🗍 Respirator	🗖 Eye	Footwear	Clothing	<b>O</b> ther
None required				
If checked, please specify type				

### SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Physical State Liquid	Odour and Appearance Dark Red, Sweet Smell	Odour Threshold (ppm) N/A
Specific Gravity 1 Appx	Vapour Density (air = 1) <b>N/A</b>	Vapour Pressure (mmHg)
Evaporation Rate	Boiling Point (° C) N/A	Freezing Point (° C) <b>N/A</b>
РН <b>N/A</b>	Coefficient of Water/Oil Distribution	[Solubility in Water]

SECTION 10 - STABILITY A	ND REACTIVITY	
Chemical Stability	If no, under which conditions?	

No	
Incompatibility with Other Substances	If yes, which ones?

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

# SECTION 11 — TOXICOLOGICAL INFORMATION

Effects of Acute Exposure NONE		
Effects of chronic exposure N/A		
Irritancy of Product None Known		
Skin sensitization None Known	Respiratory sensitization None Known	
Carcinogenicity-IARC None Known	Carcinogenicity - ACGIH None Known	
Reproductive toxicity None Known	Teratogenicity None Known	
Embrotoxicity None Known	Mutagenicity None Known	

Name of synergistic products/effects None Known

### SECTION 12 — ECOLOGICAL INFORMATION

[Aquatic Toxicity] None Known

### SECTION 13 — DISPOSAL CONSIDERATIONS

Special Shipping Information	Ship in standard packaging materials.	No special handling required	
			PIN
TDG		[DOT]	
[IMO]		[ICAO]	

Waste Disposal Recycle or Landfill

### SECTION 14 — TRANSPORT INFORMATION 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.

Product Identifier-32-