

# MATERIAL SAFETY DATA SHEET

Disclaimer: The information and recommendations based herein are based upon data believed to be correct. However, no guarantee or warranty of any kind expressed or implied is made with respect to information combined herein.

Identity (as used on label and list)

**Unigraft® (Bioactive glass)**

## Section I - Chemical Product and Company Identification

Manufacturers Name Unicare Biomedical, Inc.	Emergency Telephone Number (949) 305-9600
Address (Number, Street, City, State and Zip Code) 23011 Moulton Parkway, Suite J-11 Laguna Hills, CA 92653	Telephone Number for Information (949) 305-9600 Date Reviewed June 15, 2012

## Section II - Composition and Ingredient Information

Silicon (IV) Oxide	CAS# 7631-86-9
Sodium Carbonate	CAS# 497-19-8
Calcium Carbonate	CAS# 1317-65-3
Calcium Dibasic Phosphate	CAS# 7758-23-8

## Section III - Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H <sub>2</sub> O=1)	2.7 gm/cm <sup>3</sup>
Vapor Pressure (mm Hg.)	N/A	Melting Point	1050°C
Vapor Density (air = 1)	N/A	Evaporation Rate (butyl acetate=1)	N/A
Solubility in Water	Non-soluble		
Appearance and Odor	White glass, odorless		

## Section IV - Fire and Explosion Hazard Data

Flash Point	N/A	Flammable Limits	N/A	LEL	UEL
Extinguishing Media: Noncombustible. Use extinguishing media appropriate to surrounding fire conditions.					
Special Fire Fighting Procedures:	None				
Unusual Fire and Explosion Hazards:	N/A				

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## Section V - Reactivity Data

<b>STABILITY</b>	Unstable		Conditions to Avoid: <b>Incompatibles</b>
	Stable	<b>X</b>	
Incompatibility (materials to avoid): <b>Strong acids</b>			
Hazardous Decomposition or Byproducts: <b>NA</b>			
<b>HAZARDOUS</b>	May Occur		Conditions to Avoid:
<b>POLYMERIZATION</b>	Will Not Occur	<b>X</b>	

## Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation? <b>No</b>	Skin? <b>No</b>	Ingestion? <b>No</b>
Health Hazards (acute and chronic)	<b>None known</b>		
Skin	<b>None known</b>		
Ingestion	<b>None known</b>		
Carcinogenicity: <b>Not known</b>	NTP? <b>N/A</b>	IARC Monographs?	OSHA Regulated? <b>No</b>
Signs and Symptoms of Exposure:	<b>None</b>		
Medical Conditions Generally Aggravated by Exposure:	<b>N/A</b>		
Emergency and First Aid Procedures: <b>No specific information available. Wash off with excess water if needed.</b>			

## Section VII - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled:	<b>No special steps required</b>
Waste Disposal Method: <b>Place material in plastic bag and deposit in any approved landfill.</b>	
Precautions to be Taken in Handling and Storage:	<b>NONE</b>
Other Precautions: <b>NA</b>	

## Section VIII - Control Measures

Respiratory Protection (specify type)	<b>None required</b>		
<b>VENTILATION</b>	Local Exhaust?	None	Special <b>N/A</b>
	Mechanical(General)	N/A	Other <b>N/A</b>
Protective Gloves <b>Rubber</b>	Eye Protection <b>None required</b>		
Other Protective Clothing or Equipment	<b>N/A</b>		
Work Hygienic Practices:	<b>N/A</b>		