

MATERIAL SAFETY DATA SHEET

SECTION I: PRODUCT AND COMPANY IDENTIFICATION			
Product Identity (As used on label and list): StarBright™ For Dental Professional Use Only Use as Directed Date Issued: 11/16/2014		Manufacturer: Nanova Biomaterials Inc. Telephone Number for more Information: (573) 875-6682 Address: 3806 Mojave Ct Columbia, MO 65202	
SECTION II: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION			
2.1: Hazardous Ingredients			
CHEMICAL NAME	C.A.S. NO.	PERCENT	
Rosin	8050-09-7	50-70	
Ethanol	200-578-6	10-30	
Sodium Fluoride	231-667-8	1-10	
2.2: Potential Health Effects			
Eye Contact	There may be irritation and redness upon contact		
Skin Contact	There may be mild irritation at the site of contact		
Inhalation	No adverse health effects are expected from inhalation exposure		
Ingestion	Harmful if swallowed in large quantity. There may be irritation of the throat		
Other: This product contains ethanol. In IARC published monograph No. 44 entitled, "Alcohol Drinking", the carcinogenicity of ethanol was determined based on chronic exposure to ethanol through human consumption of alcoholic beverages. This is not an expected effect during the proper use of this product.			
SECTION III: PHYSICAL AND CHEMICAL PROPERTIES			
Specific Physical Form	Paste	Specific Gravity	~1.1 g/ml
Odor, Color, Grade	Light yellow liquid with fruity odor	Solubility in Water	Moderate
General Physical Form	Liquid	Vapor Pressure	<i>Not Applicable</i>
Boiling Point	<i>No Data Available</i>	Evaporation rate	Negligible
SECTION IV: FIRE AND EXPLOSION HAZARD DATA			
Flash Point	>95 °C	Autoignition Temperature	<i>Not Applicable</i>
Flammable Limits(LEL)	<i>Not Applicable</i>	Extinguishing Media	carbon dioxide, water spray, or dry chemical
Flammable Limits(UEL)	<i>Not Applicable</i>	NFPA Hazard codes	
No special firefighting procedures		Health	1
No unusual fire or explosion hazards are anticipated		Fire	1
OSHA Fire Hazard Class: Class IIIB Flammable Liquid		Reactivity	0
SECTION V: REACTIVITY DATA			
Stability	Stable under normal conditions		
Conditions to Avoid	Heat and contamination		
Incompatibility (Materials to avoid)	Strong oxidizing agents, Strong acids		
Hazardous Polymerization	Will not occur		
Hazardous Decomposition Products	In combustion, emit toxic fumes		
SECTION VII: SUGGESTED FIRST AID MEASURES			
The following first aid recommendations are based on an assumption that appropriate personal and industrial hygiene practices are followed.			
Eye Contact	Flush eyes with large amount of water. If irritation persists, seek medical attention.		
Skin Contact	Remove contaminated clothing and shoes. Immediately wash exposed area thoroughly with soap and water for 15 minutes. Get medical attention.		
Inhalation	Remove person to fresh air. If irritation persists, seek medical attention.		
If Swallowed	Wash out mouth with water. Do not induce vomiting. Seek medical attention.		

SECTION VI: ENVIRONMENTAL INFORMATION				
Spill Response	Ventilate area. Extinguish all ignition sources. Collect spilled material. Other sections of the MSDS contain information regarding physical and health hazards, respiratory protection, ventilation, and ignition sources.			
Recommended Disposal	Send to Nanova Biomaterials Inc. disposal facility or any approved hazardous waste disposal facility for incineration			
Environmental Data	Not Applicable			
Regulatory Information	Volatile Organic Compounds: Not Determined VOC less H2O & Exempt Solvents: Not Determined Regulations may vary, consult applicable regulation or authorities before disposal. In the event of an uncontrolled release, the user should determine if the quantity released qualifies as reportable. U.S. EPA Hazardous Waster Number = D001 (Ignitable)			
SECTION VII: PRECAUTIONARY INFORMATION FOR SAFE HANDLING AND USE				
Eye Protection	Avoid eye contact with vapor, spray, or mist. Safety glass with side shields are recommended.			
Skin Protection	Avoid skin contact. Wear nitrile gloves when handling this material. A no touch technique is recommended. If skin contact occurs, wash with soap and water. Acrylates may penetrate commonly utilized gloves. If product contacts glove, remove and discard glove, wash hands immediately and then re-glove.			
Ventilation Protection	Do not use in a confined area or areas with limited air movement. Use in a well-ventilated area.			
Respiratory Protection	Avoid prolonged breathing of vapors.			
Prevention of Accidental Ingestion	Do not eat, drink, or smoke when utilizing this product. Wash exposed areas thoroughly with soap and water. Wash hands between handling and eating. Do not ingest.			
Recommended Storage	Store in a cool place away from acids, heat, and light.			
Fire and Explosion Avoidance	Keep container tightly closed. Flammable liquid and vapor			
Exposure Limits				
	ACGIH TLV		OSHA PEL	
Ingredients	TWA	STEL	PEL	STEL
Sodium Fluoride	2.5 mg/m3	N/Av	2.5 mg/m3	N/Av
Ethanol	N/Av	1000 ppm	1000 ppm	N/Av
Source of exposure limit data	- ACGIH: American Conference of Governmental Industrial Hygienists - OSHA: Occupational Safety and Health Administration			
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