



TRIANGLE BIOMEDICAL SCIENCES, INC.

3014 CROASDAILE DRIVE • DURHAM, NORTH CAROLINA 27705-2507 • USA • 919.384.9393 • FAX 919.384.9595 • E-MAIL: tbs@trianglebiomedical.com

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MATERIAL SAFETY DATA SHEET

IDENTIFICATION AND EMERGENCY INFORMATION						
Product Name		Ribbon Pro				
Product Code (Catalog Number)		31557, 31558				
Product Category (Chemical Name)		Paraffin Wax				
Product Appearance and Odor		opaque white solid, essentially odorless				
Emergency Notification		Chem-Tel 1-800-255-3924 International 813-248-0585				
COMPONENTS AND HAZARD INFORMATION						
Component	CAS No.	%	OSHA TWA		OSHA STEL	
			ppm	mg/m3	ppm	mg/m3
Alpha-methyl styrene/vinyl toluene copolymer	009017270	<10	NE	NE	NE	NE
Paraffin waxes, petroleum hydrotreated	064742514	<90	NE	NE	NE	NE
PHYSICAL DATA						
THE FOLLOWING DATA ARE APPROXIMATE OR TYPICAL VALUES AND SHOULD NOT BE USED FOR PRECISE DESIGN PURPOSES.						
Boiling Range NE		Specific Gravity NE		Molecular Weight NE		Viscosity NA
Percent Volatile by Volume NE		Vapor Pressure @20 C degrees NE		Vapor Density (Air = 1) NE		Pour, Congealing or Melting Point 53 – 62°C
Solubility in Water @1 ATM and 25°C (77°F) not soluble			Evaporation Rate @1 ATM and 25°C (77°F) (n-Butyl Acetate =1) NE			pH
FIRE AND EXPLOSION HAZARD INFORMATION						
Flash Point (Minimum) > 400°F		Autoignition Temperature NE		Test Mode NA	LEL NE	UEL NE
Handling Precautions						
Flammable or Explosive Limits (Approximate Percent by Volume in Air)						
Extinguishing Media water, carbon dioxide, dry chemical powder, foam						
Fire Fighting Procedures Firefighters must wear self-contained breathing apparatus and fully protective equipment.						

NA = not applicable

NL = not listed

NE = not established

NNR = not normally required

Decomposition Products Under Fire Condition		
“Empty” Container Warning		
Unusual Fire and Explosion Hazards		
HEALTH AND HAZARD INFORMATION		
Variability Among Individuals		
Signs and symptoms of overexposure Chemical, physical and toxicological properties are not established for this material. Handle with the care required by good laboratory technique.		
Effects of Overexposure		
Nature of Hazard and Toxicity Information		
Pre-existing Medical Conditions which may be Aggravated by Exposure NE		
Threshold Limit Value		
Health Hazards		
PRIMARY ROUTES OF ENTRY AND EMERGENCY AND FIRST AID PROCEDURES		
Eye Contact Flush eyes with water for at least 15 minutes.		
Skin Wash area affected with copious amounts of H ₂ O.		
Inhalation Remove to fresh air. Give oxygen or artificial respiration, as needed.		
Ingestion Call physician.		
SEEK MEDICAL TREATMENT IF DISCOMFORT PERSISTS.		
REACTIVITY		
Stability stable	Incompatibility NE	Hazardous Decomposition Products NE
Conditions to Avoid high temperature	Hazardous Polymerization will not occur	Materials to Avoid

ENVIRONMENTAL INFORMATION
<p>Steps to be Taken in Case Material is Released or Spilled Wear self-contained breathing apparatus, rubber boots and gloves. Recover free wax and dispose in appropriate solid waste area. Add absorbent (sand, vermiculite, sawdust) to spill area, as wax fragments are a slip hazard. Collect absorbent and dispose in the same manner as recovered material. Wash and ventilate spill site after pickup is complete.</p>
<p>Disposal Must comply with federal, state and local regulations.</p>
<p>Protective Gear</p>
<p>Precautions to be taken in handling and storage Care must be taken when handling molten product to prevent burns and avoid breathing of vapors. Store at 25°C. Keep storage container tightly closed. Avoid contact with skin and eyes. Do not inhale. Wash thoroughly after handling.</p>
<p>THE FOLLOWING INFORMATION MAY BE USEFUL IN COMPLYING WITH VARIOUS STATE AND FEDERAL LAWS AND REGULATIONS UNDER VARIOUS ENVIRONMENTAL STATUTES.</p>
<p>Reportable Quantity (RQ), EPA Regulation 40 CFR 302 (CERCLA Section 102) NL</p>
<p>Threshold Planning Quantity (TPQ), EPA Regulation 40 CFR 355 (SARA Sections 301-304) NL</p>
<p>Toxic Chemical Release Reporting, EPA Regulation 40 CFR 372 (SARA Section 313) NL</p>
<p>Hazardous Chemical Reporting, EPA Regulation 40 CFR 370 (SARA Sections 311-312) NL</p>
<p>SPECIAL STATE NOTIFICATIONS</p>
TRANSPORTATION AND OSHA RELATED LABEL INFORMATION
<p>Transportation Incident Information</p>
<p>U.S. DOT Hazardous Materials Shipping Description</p>
<p>OSHA Required Label Information</p>

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