

MATERIAL SAFETY DATA SHEET

Revised/Reviewed: March 19, 2012

UTILITY WAX ROPE (REF 186-58500, 186-58510)

A dental wax used for marginal extension on impressions and building up trays.

Section 1- Product and Company Information

Manufactured for: Integra York PA, Inc., 589 Davies Drive, York, PA 17402

Information: 717-840-9335, 717-840-9347 (fax)

Chemical Name & Synonyms: Wax Blend – Microcrystalline wax

Chemical Formula: --

In Case of Emergency: 1-800-535-5053

Section 2 – Composition/ Information on Ingredients

Name	CAS Number	Percent	OSHA PEL	ACGIH TLV
Wax Blend – Microcrystalline wax	6323-16-07	100	2 ppm (mg/m ³)	TWA 2 ppm (mg/m ³)

This product is completely colophony free with no detectable trace elements.

Section 3 – Hazard(s) Identification

Potential Health Effects:

Eye – Fumes from molten product may cause irritation. Contact with molten product may cause severe thermal burns.

Inhalation – Product dust may cause respiratory tract irritation. Molten wax may cause irritation to the respiratory tract.

Ingestion – Low order of acute systematic toxicity.

Skin – Contact with molten wax may cause severe thermal burns.

Signs and Symptoms of Exposure: N/A

Section 4 - First Aid Measures

Eyes: Ambient wax – flush wax particles with tepid water. Hot wax – seek medical attention.

Inhalation: When fumes or mist occur remove to fresh air. If person is not breathing provide oxygen or artificial respiration. Seek medical attention.

Ingestion: Small quantities – permit to pass through system. Large quantities – seek medical attention.

Skin: Ambient wax – wash with soap and water. Molten wax – cool wax immediately, do not remove wax from skin. Seek medical attention.

Aggravated Medical Conditions: N/A

Supplemental Health Information: N/A

Section 5 – Fire Fighting Measures

Flash Point (Test Method): >200°F (COC, ASTM D-92)

Flammable Limits- LEL: N/A UEL: N/A

Auto Ignition Temperature: Not Determined.

Extinguishing Media: Use water fog, alcohol-type foam, dry chemical, or CO₂. Do not use direct stream of water.

Special fire Fighting Procedures: Firefighters should wear proper protective equipment and self-contained breathing apparatus with full facepiece in positive pressure mode. Move containers from fire area if it can be done without risk. Use water to keep fire-exposed containers cool.

Unusual fire and Explosion Hazards: As with most solid or particulate organic material, extremely high dust concentration in air may result in a potential fire hazard. Good housekeeping practices will prevent any significant accumulations.

Combustion Products: Carbon dioxide, Carbon Monoxide

Section 6 – Accidental Release Measures

Steps to be taken in Case Material is Spilled or Released: Sweep up material and place in appropriate disposal container. If molten wax – contain spill as much as possible and let molten wax cool. Once solid, place material in appropriate disposal container.

Section 7 – Handling and Storage

Handling: Do not let molten product stand unused in melt tanks and injection machines. Stir molten product at all times.

Storage: Follow all MSDS/label precautions even after container is emptied because it may retain product residues.

Other Precautions: N/A

Section 8 – Exposure Controls/ Personal Protection

Respiratory Protection: Normally none required. For mist and fumes use approved NIOSH/MSHA organic respirator.

Ventilation: Provide exhaust ventilation sufficient to keep the airborne concentration for this product below its exposure limits. Exhaust air may need to be cleaned by scrubbers or filters to reduce environmental contamination.

Protective Gloves: Ambient wax – cotton gloves, Molten wax – impervious heat protective gloves

Eye Protection: Safety glasses with side shields (or goggles) and a face shield.

Other Protective Clothing or Equipment: N/A

Work / Hygiene Practices: Use good personal hygiene when handling this product. Wash hands after use, before smoking, or using the restroom facilities.

Engineering Controls: Good ventilation should be sufficient to control airborne levels. Do not let molten product stand unused in melt tanks and injection machines. Stir molten product at all times.

Section 9 - Physical and Chemical Properties

Physical State: Solid
Appearance and Odor: Waxy solid, little or no odor.
Boiling Point: 660-730°F
Melting Point: 168 ±6°F
Freezing Point: N/A
Vapor Pressure (mm Hg): N/A
Evaporation Rate (Butyl Acetate= 1): N/A
Specific Gravity (Water=1): ~ 0.932
Molecular Weight: N/A
Vapor Density (Air=1): N/A
Solubility in Water: Insoluble
pH: N/A

Section 10 – Stability and Reactivity

Stability: Stable.
Incompatibility: Strong oxidizing materials.
Hazardous Decomposition or Byproducts: Carbon dioxide (Carbon monoxide with incomplete combustion).
Hazardous Polymerization: Will not occur.

Section 11 – Toxicological Information

N/A

Section 12 – Ecological Information

N/A

Section 13 – Disposal Considerations

Waste Disposal: Dispose of in accordance with all applicable federal, state, and local regulations. Incinerate in a furnace where permitted. Do not dump into sewers, ground, or any body of water.

Section 14 – Transport Information

DOT Class: Non-hazardous
Hazard Class: Non-hazard
UN Number: Non-hazard
Packing: Non-hazard
Guide Number: N/A
Proper Shipping Name: Non-hazardous

Section 15 – Regulatory Information

No hazardous ingredients as defined by OSHA 29 CFR 1910.1200

Section 16 – Other Information

HMIS Code: Health = 1; Flammability = 1; Reactivity = 0

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