



MATERIAL SAFETY DATA SHEET

Revised/ Reviewed: January 3, 2007

Various **DENTAL WAXES** including 10X, All-Purpose X-Tough, All-Seasons, Beauty Pink™, Beauty White, Pure Beeswax, Synthetic B-2 Beeswax, Carding, Counter, Inlay Sticks, Lab, Occlusal Wafers, Sticky, and Utility.

Dental waxes primarily used for impressions and bites and various laboratory purposes.

Section 1- Product and Company Information

Manufactured by: Miltex, Inc.; 589 Davies Drive, York, PA 17402

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

Chemical Name & Synonyms: Not applicable, material is a blend of natural waxes and resins.

Chemical Formula: Not applicable, material is a mixture.

Section 2 – Composition/ Information on Ingredients

The material does not contain any hazardous ingredients as defined under the US OSHA Hazard Communication Standard (29CFR 1910.1200). Paraffin Wax fumes OSHA PEL (TWA) = 2 mg/m³, ACGIH TLV (TWA) = 2 mg/m³.

Section 3 - Health Identification

Potential Health Effects: Fumes from molten material may cause irritation respiratory irritation. Contact with molten material may cause burns to skin and eyes. Solid material may cause skin sensitization and allergic dermatitis. Ingestion may cause low order acute system toxicity.

Primary Route(s) of Entry: Inhalation of fumes, skin or eye contact.

Carcinogen: NTP Program- Not indicated IARC Program- N/I OSHA Program- N/I

Medical Conditions Aggravated by Exposure: No information available

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

Section 4 - First Aid Measures

Eyes: Ambient wax particles, flush with tepid water for at least 15 minutes. For molten wax, seek immediate medical attention.

Skin: For molten wax, immediately flush with cold water. Seek medical attention for any burns.

Ingestion: Allow small quantities to pass through the system. For large quantities, seek medical attention.

Inhalation: Remove person to fresh air. Seek medical attention.

Section 5 – Fire Fighting Measures

Flash Point (Test Method): > 435°F (Cleveland Open Cup)

Auto Ignition Temperature: No information available

Flammable Limits- No information available

Extinguishing Media: Water spray, alcohol foam, carbon dioxide, or dry chemical. *Do not* use direct stream of water.

Special Fire Fighting Procedures: No known

Unusual Fire and Explosion Hazards: As with most organic matter, extremely high dust concentrations in the air pose an explosion hazard.

Section 6 - Physical and Chemical Properties

Physical State: Solid

Appearance and Odor: Waxy solid with little or no odor, various colors and physical forms.

Melting Point (°F): between 125 and 165 for the various products

Specific Gravity (H₂O=1): between 0.90 and 0.95

Vapor Pressure (mm Hg): Not applicable

Vapor Density (Air=1): Not applicable

Evaporation Rate (butyl acetate=1): Not applicable

Solubility in Water: Insoluble

pH: Not applicable

Section 7 – Stability and Reactivity

Stability: Stable

Conditions to Avoid: Extended exposure to temperatures above 175°F may cause degradation of the material.

Incompatibility/ Materials to Avoid: Strong oxidizers

Hazardous Polymerization: Will not occur

Hazardous Decomposition Products: No information available

Section 8 – Accidental Release, Disposal, and Ecological Information

Spill Response: Confine spills of molten material and allow to solidify. Sweep up and place solid material into an appropriate disposal container.

Waste Disposal Method: Can usually be incinerated. Dispose of in accordance with all applicable federal, state, and local regulations.

Ecological, General: This material is not expected to be harmful to the environment. Waxes are not biodegradable. Material is not expected to be ecotoxic to fish, daphnia, or algae.

Section 9 – Exposure Controls/ Personal Protection

Eye Protection: Safety or splash goggles

Respiratory Protection: None normally required. In case of excessive fumes, NIOSH-approved organic vapor respirator.

Ventilation Recommendations: Local as required to remove any fumes.

Skin Protection: Impervious, heat resistant gloves to prevent contact

Other: As necessary to avoid skin contact with hot or molten material.

Section 10 – Storage and Handling

Storage: Store at ambient temperatures.

Handling: Avoid breathing of fumes or contact with hot or molten material.

Section 11 – Miscellaneous

Toxicological Information: No informational available

Transportation Information: *Not* a US DOT Hazardous Material

Other: --

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