

MATERIAL SAFETY DATA SHEET

Revised/Reviewed: January 24, 2012

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 are primarily used for impressions and bites and various laboratory purposes.

Section 1- Product and Company Information

Manufactured by: Integra York PA, 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.

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

Section 2 – Composition/ Information on Ingredients

The material does not contain any hazardous ingredients as defined under the US OSHA Hazard Communication Standard (29 CFR 1910.1200).

Paraffin Wax fumes OSHA PEL (TWA) = 2mg/m³, ACGIH TLV (TWA) = 2mg/m³.

Section 3 - Health Identification

Potential Health Effects: Fumes from molten material may cause 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: For ambient temperature 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: None 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, use 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 information available.

Transportation Information: Not a DOT hazardous material.

Other: --

Liability Disclaimer: MSDS information is provided based on OSHA's Hazardous Communication Regulation and for use of the persons required to receive this information under this regulation. The information is neither designed nor recommended for any other use or for use by any other person, including compliance with other laws. Integra York PA, Inc. (the "Company") does not warrant the suitability for use of this MSDS for any other material or product not specifically identified herein. The Company does not warrant the accuracy or authenticity of this MSDS unless it has been obtained directly from the Company, or posted or viewed on a Company website. This MSDS is based on information that is believed to be reliable, but may be subject to change as new information becomes available. Because it is not possible to anticipate all conditions of use, additional safety precautions may be required. Since the use of this material is not under the Company's control, each user is responsible for making their own determination as to the safe and proper handling of this material in their own particular use of this material. The Company makes no representation or warranty, either expressed or implied, including as to merchantability or fitness for a particular purpose.