BOXING WAX
REF 140-57510, 140-57550, 140-57590 and 140-57630
A dental laboratory wax used for boxing impressions in the pouring of casts.

Section 1- Product and Company Information
Manufactured for: Miltex, Inc.; 589 Davies Drive, York, PA 17402
Information: 717-840-9335, 717-840-9347 (fax)
Chemical Name & Synonyms: Not applicable, the product is a mixture.
Chemical Formula: Not applicable, the product is a mixture.

Section 2 – Composition/ Information on Ingredients
Contains a 100-percent wax blend of microcrystalline waxes, CAS # 6323-16-07, OSHA PEL 2-ppm, ACGIH TLV 2-ppm. The product is completely colophony free

Section 3 - Health Identification
Potential Health Effects: Fumes from molten product may cause eye irritation. Contact with molten product may cause severe thermal burns of both the skin and eyes. Product dust may cause respiratory irritation. Ingestion may cause low order acute system toxicity.
Primary Route(s) of Entry: Inhalation of fumes, skin or eye contact.
Carcinogen: No information available.
Medical Conditions Aggravated by Exposure: None know
HMIS Ratings: Health = 1; Flammability = 1; Reactivity = 0

Section 4 - First Aid Measures
Eyes: Ambient wax- flush wax particles with tepid water for at least 15 minutes. For molten wax, seek medical attention.
Skin: For molten wax, cool wax immediately, but do not remove from skin. Seek medical attention.
Ingestion: Allow small quantities to pass through the system.
Inhalation: When fume or mist occurs, remove person to fresh air.

Section 5 – Fire Fighting Measures
Flash Point (Test Method): > 200°C (Cleveland Open Cup, ASTM D-92))
Auto Ignition Temperature: No information available
Flammable Limits- No information available
Extinguishing Media: Water fog, 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, red or green in color. Physical size is 12-inches (length) by 1½-inches (width).
Melting Point (°F): 159 ± 6
Specific Gravity (H₂O=1): ~ 0.919
Vapor Pressure (mm Hg): Not applicable
Vapor Density (Air=1): Not applicable

Section 7 – Stability and Reactivity

Stability: Stable
Conditions to Avoid: None known.
Incompatibility/ Materials to Avoid: Strong oxidizing materials.
Hazardous Polymerization: Will not occur
Hazardous Decomposition Products: Carbon dioxide (carbon monoxide with incomplete combustion)

Section 8 – Accidental Release, Disposal, and Ecological Information

Spill Response: Confine spills of molten product and allow to solidify. Sweep up and place solid product into an appropriate disposal container.
Waste Disposal Method: Dispose of in accordance with all applicable federal, state, and local regulations. Product can usually be incinerated.
Ecological, General: No information.

Section 9 – Exposure Controls/ Personal Protection

Eye Protection: Safety glasses with side shields (or splash goggles) and a face shield.
Respiratory Protection: None normally required. For fumes and mist use NIOSH-approved organic respirator.
Ventilation Recommendations: Local as required to remove any fumes.
Skin Protection: Impervious, heat resistant gloves to prevent contact with molten product.
Other: As necessary to avoid skin contact with molten product.

Section 10 – Storage and Handling

Storage: Store at ambient temperatures.
Handling: Avoid breathing of fumes or contact with molten product. Do not let molten product stand unused in melt tanks and injection machines. Stir molten product at all times.

Section 11 – Miscellaneous

Toxicological Information: No informational available
Transportation Information: Not a US 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. Miltex does not warrant the suitability for use of this MSDS for any other material or product not specifically identified herein. Miltex does not warrant the accuracy or authenticity of this MSDS unless it has been obtained directly from Miltex, or posted or viewed on a Miltex 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 Miltex’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. Miltex makes no representation or warranty, either express or implied, including as to merchantability or fitness for a particular purpose.