



MATERIAL SAFETY DATA SHEET

Revised/ Reviewed: January 3, 2003

BASEPLATES, SHELLAC

Pink, non-distorting dental baseplates for accurate, detailed reproduction of model contour for final impressions and bite blocks.

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: No information available

Chemical Formula: No information available

Section 2 – Composition/ Information on Ingredients

1. Crystalline Silica, < 50%, CAS # 14808-60-7, TLV-TWA = 0.1 mg/m³ (respirable)
2. Stearic Acid, < 5%, CAS # 57-11-4, TLV/PEL = none established

Section 3 - Health Identification

Potential Health Effects:

Ingestion- No hazard in normal use.

Skin Absorption- No absorption hazard in normal use.

Eye Contact- Can cause mechanical irritation if dusts are generated

Skin Contact- Unlikely to cause irritation even on repeated contact.

Inhalation- Can cause mechanical irritation if dusts are generated.

Primary Route(s) of Entry: Ingestion

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

Medical Conditions Aggravated by Exposure: No information available

HMIS Ratings: No information available

Section 4 - First Aid Measures

Eyes: Flush eyes with plenty of water. Get medical attention if irritation persists.

Skin: Wash with soap and water. Get medical attention if irritation develops or persists. For hot product, immediately immerse in or flush affected area with large amounts of cold water to dissipate heat. Cover with clean cotton gauze and get prompt medical attention.

Ingestion: Should pose no hazard. Seek medical attention if symptoms develop.

Inhalation: No specific treatment is necessary since material is not likely to be hazardous by inhalation.

Section 5 – Fire Fighting Measures

Flash Point (Test Method): Not applicable

Auto Ignition Temperature: Not applicable

Flammable Limits- LEL: Not applicable UEL: Not applicable

Extinguishing Media: Water, carbon dioxide, and dry chemical

Special Fire Fighting Procedures: None

Unusual Fire and Explosion Hazards: An acrid odor may be produced when heated by flame.

Section 6 - Physical and Chemical Properties

Physical State: Solid

Appearance and Odor: Pink, flesh-colored, thin, horseshoe and u-shaped, no odor.

Melting Point (°C): Approximately 250

Specific Gravity (H₂O=1): Not applicable

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: Excessive heat may cause decomposition

Incompatibility/ Materials to Avoid: None known

Hazardous Polymerization: Will not occur

Hazardous Decomposition Products: Not established.

Section 8 – Accidental Release, Disposal, and Ecological Information

Spill Response: Clean up by mechanical means.

Waste Disposal Method: 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.

Section 9 – Exposure Controls/ Personal Protection

Eye Protection: None normally required.

Respiratory Protection: None normally required.

Ventilation Recommendations: Avoid breathing any fumes generated by heating the material.

Skin Protection: None normally required; avoid contact with molten material.

Other: --

Section 10 – Storage and Handling

Storage: Excessive heat or flame may cause decomposition or degradation of material.

Handling: Avoid making this material into a fine powder!

Section 11 – Miscellaneous

Toxicological Information: No information available

Transportation Information: Not a DOT Hazardous Material or IATA Dangerous Good.

Other: --

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