

**ASSOCIATED DENTAL PRODUCTS LTD
MATERIAL HEALTH AND SAFETY DATA SHEET**

Version 8

Reviewed 10/2014

1. IDENTIFICATION	
<p>1.1: Product Name and Code: WAX001-999 Modelling Waxes (Waxes, Dental) 1.2: Use: Manufacturing of Dental Products 1.3: Company Identification: Associated Dental Products Ltd Kemdent Works Purton Swindon Wiltshire SN5 4HT Tel: +44 (0) 1793 770 256 Fax: +44 (0) 1793 772 256 1.3: Emergency Tel: +44 (0) 1793 770 256</p>	
2. COMPOSITION	3. HAZARDS IDENTIFICATION
<p>2.1: General Description: A blend of vegetable and mineral waxes 2.2: Hazardous Ingredients: None Hazardous, Solid wax sheets 2.3: 2.4: R Phrases: For full text R Phrases see section 16</p>	<p>Contact with molten wax may cause burns Fumes from its combustion could result in the follow gases: Flue gases, carbon monoxide.</p>
4. FIRST AID MEASURES	5. FIRE FIGHTING MEASURES
<p>Eyes: Seek medical advice immediately Skin: Small Area: Let wax peel off, treat any burns Large Area: Seek medical advice Mouth: Solid: No hazard. Liquid: Due to temperature, will cause burns. Seek medical advice. Inhalation: Inhalation of paraffin wax vapours may cause respiratory irritation.</p>	<p>Extinguishing Media: When heated above 150C will burn whilst heat source available Exposure Risk: Fumes from its combustion could result in the follow gases: Flue gases, carbon monoxide.</p>
6. ACCIDENTAL RELEASE MEASURE	7. HANDLING AND STORAGE
<p>Precautions: Allow molten wax to cool, clean area. Keep away from drains, inform authorities in the case of leakage of large amounts.</p>	<p>7.1: Handling: No special requirements 7.2: Storage: Store in a cool dry place away from sources of heat 7.3: Specific Use: Dental Wax</p>
8. EXPOSURE CONTROLS/PERSONAL PROTECTION	9. PHYSICAL AND CHEMICAL PROPERTIES
<p>8.1: Exposure Limit Values: Paraffin wax – Long Term Exposure Limit (8hr TWA) – 2mg/m³ Short Term Exposure Limit (10min) – 6mg/m³ Based on OEL UK 8.2: Exposure Controls: N/A The following information is given as general guidance Respiratory Protection: Adequate ventilation when heating wax above 150C. Hand Protection: Heavy duty butyl rubber gloves to be worn when handling molten wax. Eye Protection: Wear safety goggles when handling molten wax Skin Protection: Wear protective clothing</p>	<p>Appearance: At 20C waxy solid sheets above melting point liquid. Dark red to light pink Odour: Odourless PH: Neutral Melting Point: 60-63C Boiling Point: Flash Point: Greater than 150 °C Explosive Properties: Not determined Oxidizing Properties: Not determined Vapour Pressure: < 0.01 mbar Relative Density: Approx 0.9g/cm³ Solubility In Water: Nil Solubility In Organic Solvent: Almost Completely/Chloroform Other Data: Working Temp: 35-40C</p>
10. STABILITY AND REACTIVITY	11. TOXICOLOGICAL INFORMATION
<p>Hazardous Reactions: 10.1: Conditions To Avoid: Prolonged storage in liquid form 20C above congealing point. 10.2: Materials To Avoid: Avoid contact with strong oxidising agents 10.3: Hazardous Decomposition Products: N/A</p>	<p>Inhalation: Move to a well-ventilated area. Consult medical advice if symptoms persist. Skin Contact: Molten wax causes burns on contact with skin. Seek medical attention if severe. Eye Contact: Molten wax causes burns and possible blindness in contact with eyes. Seek medical attention. Ingestion: Oral LD₅₀ levels on paraffin wax >5000 mg/kg Long Term Exposure; See 8.1</p>
12. ECOLOGICAL INFORMATION	13. DISPOSAL CONSIDERATIONS
<p>12.1: Ecotoxicity: No toxicity known 12.2: Mobility: Spillages unlikely to penetrate soil 12.3: Persistence and Degradability: Products are inherently biodegradable 12.4: Bioaccumulative: No evidence to suggest bioaccumulation will occur 12.5: Other Adverse Effects: None</p>	<p>Do not discard into water ways or sewage system. Dispose of in a licensed facility</p>
14. TRANSPORT INFORMATION	15. REGULATORY INFORMATION
<p>No special precautions</p>	<p>Hazard Symbol: Not classified as hazardous for supply Safety Phrases: None in solid form</p>
16. OTHER INFORMATION	
<p>16.1: Shelf Life: 5 Years</p>	