

## Medium Soft Base Plate Wax

Coltene Inc.

Internal Document Number: 48275B

Revision Date: April 2018

### Section 1 - IDENTIFICATION

**Product Names: Medium Soft Base Plate Wax**

**Product Codes: H00806, H00812**

**Recommended Use:** Aids in adaptation to dental base plate.

**Restrictions on Use:** Medium Soft Base Plate Wax should not be used in environments where temperatures can exceed 48° C (120°F)

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Copies of this SDS can be found at  
[www.coltene.com](http://www.coltene.com)

### Section 2 - HAZARD(S) IDENTIFICATION

**Classification in accordance with paragraph (d) of 29 CFR 1910.1200.**

**Hazard Category, Subcategory:** None as defined under 29CFR 1910.1200

**GHS Label Elements:** None  
**Symbol(s)** Not applicable

**Signal Word:** Not applicable

**Hazard Statement(s):** None

**Precautionary Statement(s):**

**Prevention:** None  
**Response:** None  
**Storage:** Store in a well ventilated place. Keep cool. Do not store at temperatures above 48°C (120° F)  
**Disposal:** Dispose of in accordance with local, state and federal regulations.

**Statement(s) of Unknown Acute Toxicity:**

Zero % of the mixture consists of ingredient(s) of unknown acute toxicity.

**Other Hazards which do not result in classification:**

Above its melting point, wax becomes a liquid and flows more regularly as the temperature increases. If material becomes a hot liquid, it requires special handling. At temperatures significantly above its melting point, hydrocarbon vapors are given off which should be handled with adequate ventilation. Can cause eye, skin and respiratory irritation when heated significantly above its boiling point

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### Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS number	Percent (w/w%)
No classified ingredients present	Not applicable	Not applicable

### Section 4 - FIRST AID MEASURES

**Description of Necessary Measures**

**General Advice:**

Material as supplied is non-hazardous, however, if exposed to melted wax consider the following first aid measures:

**Inhalation:** Move person into fresh air. Call a physician if symptoms persist.

**Skin:** Exposure to fumes vapor and smoke from thermal degradation can cause skin irritation. Exposure to molten material can cause burns. Run exposed area under cool water for 15 minutes, and then contact a physician, if necessary. Do no attempt to remove material that is bonded to skin.

**Eyes:** Exposure to fumes vapor and smoke from thermal degradation can cause eye irritation. Flush eyes with copious amounts of water for at least 15 minutes. Call a physician

**Ingestion:** Ingestion of molten wax is an extremely unlikely source of exposure

### Section 5 - FIRE-FIGHTING MEASURES

**Extinguishing Media:** Foam, dry chemical or Carbon Dioxide (CO2)

**Unsuitable Extinguishing Media:** Do not use direct water stream

**Specific Hazards Arising from the Chemical:** Irritating fumes and vapors to skin and eyes. Respiratory irritation can occur with large amounts of inhaled smoke and fumes.

**Special Protective Equipment and Precautions for Firefighters:** Wear protective equipment and self-contained breathing apparatus (SCBA) per fire department's SOP.

### Section 6 - ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment and Emergency Procedures:** Use personal protective equipment recommended in Section 8.

**Methods and Materials for Containment and Cleaning Up:** Handle as you would a plastic material. Allow molten material to cool and harden before attempting to clean up.

### Section 7 - HANDLING AND STORAGE

**Precautions for Safe Handling:** Use with adequate ventilation. Keep away from heat and ignition sources.

**Conditions for Safe Storage, Including Any Incompatibilities:** Store in a cool, dry location, away from ignition sources. Use appropriate personal protective equipment when handling molten material. Do not store at temperatures above 48°C (120°F)

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### Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

**Component Exposure Limits:**

There are no reported exposure limits for the product

**ACGIH - Threshold Limit Values - Biological Exposure Indices (BEI)**

*There are no biological limit values for any of this product's components.*

**Appropriate Engineering Controls:**

None needed if used at room temperature. If material is in molten state, wear appropriate personal protective equipment (thermal gloves, safety glasses and an apron or appropriate splash guard). If molten, insure adequate ventilation.

**Individual Protection Measures, such as Personal Protective Equipment (non-molten state):**

**Eye/Face protection:**

None required

**Skin Protection:**

None required

**Respiratory Protection:**

None required

### Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Pink, solid	Physical State	Solid
Odor	Mild	Color	Pink
Odor Threshold	Not available	pH	Not applicable
Melting Point	56-60°C ~ 140°F	Flammability class	None
Boiling Point	>316°C (600° F)	Freezing point	Not available
Evaporation Rate	Not applicable	Flammability (solid, gas)	Not applicable
Autoignition Temperature	Not applicable	Flash Point	220°C (428°F)
Lower Explosive Limit	Not applicable	Decomposition temperature	Not available
Upper Explosive Limit	Not applicable	Vapor Pressure	<0.5 mmHg
Vapor Density (air=1)	Not available	Relative Density(water=1)	0.91 g/ml
Water Solubility	Not soluble	Partition coefficient: n-octanol/water	Not available
Viscosity	Not available	Kinematic viscosity	Not available
Solubility (Other)	Not soluble	Density	Not available
Molecular Weight	Not available		

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**Section 10 - STABILITY AND REACTIVITY****Reactivity:**

Not reactive

**Chemical Stability:**

Chemically Stable

**Possibility of Chemical Reactions:**

None

**Conditions to Avoid:**

Avoid strong oxidizing agents such as peroxides and chlorines

**Incompatible Materials:**

None

**Hazardous Decomposition Products:**

Product will decompose into carbon dioxide, monoxide and other ketones and aldehydes when heated well above its boiling point.

**Section 11 - TOXICOLOGICAL INFORMATION****Information on Routes of Exposure:**

Skin, eyes, inhalation and ingestion.

Wax is non-hazardous but can cause slight mechanical irritation to the eyes.

**Section 12 - ECOLOGICAL INFORMATION****\*Non-Mandatory Section\*****Ecotoxicity****Component Analysis - Aquatic Toxicity:**

Material is not considered harmful to the environment

**Persistence and Degradability:**

No data available

**Bioaccumulative Potential:**

Material will not bioconcentrate in fish and aquatic organisms nor will it absorb to sediment and suspended organic matter

**Mobility in Soil:**

None known

**Other Adverse Effects:**

None known

The product does not contain persistent, bioaccumulative and toxic chemicals (PBT) nor does this product contain any very persistent and very bioaccumulative chemicals (vPvB)

**Section 13 - DISPOSAL CONSIDERATIONS****\*Non-Mandatory Section\*****Disposal Methods:**

Dispose of in accordance with local, state and federal regulations

**Component Waste Numbers:**

The U.S. EPA has not published waste numbers for this products components

**Additional Disposal Considerations:**

Dispose if shelf-life has been exceeded.

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**Section 14 - TRANSPORT INFORMATION***\*Non-Mandatory Section\****Emergency Response Guide Number: Not applicable****DOT & TDG Information:**

Not Regulated

**Environmental Hazards:**

None

**International Bulk Chemical Code**

The product does not contain any chemicals required by the IBC Code to be defined as dangerous chemicals in bulk

**IATA & IMDG Information:**

Not Regulated

**Section 15 - REGULATORY INFORMATION***\*Non-Mandatory Section\****U.S. Federal Regulations***None of this product's components are listed under SARA Sections 302/304 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4), TSCA 12(b), or require an OSHA process safety plan.***SARA Section 311/312 (40 CFR 370 Subparts B and C) reporting categories****[Classification according to SARA Section 311/312.]**

Not Classified

**U.S. State Regulations***None of this product's components are listed on the state lists from CA, MA, MN, NJ or PA.***The following statement(s) are provided under the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):***Not listed under California Proposition 65.***Canada Regulations:****CEPA – Priority Substance list***None of this product's components are on the list***Ozone Depleting Substances:***None of this product's components are on the list***Council of Ministers of the Environment – Soil Quality Guidelines***None of this product's components are on the list***Council of Ministers of the Environment – Water Quality Guidelines***None of this product's components are on the list***Section 16 - OTHER INFORMATION***HMIS and NFPA Ratings are not required, but are often found in Section 16.***HMIS Rating**

Health: [1] Fire: [0] Reactivity: [0]

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe \* = Chronic hazard

**NFPA Ratings**

Health: [1] Fire: [0] Reactivity: [0] Other:

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

# Safety Data Sheet



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### REVISION HISTORY

REVISION	DATE	ECN #	CHG BY	APPR. BY	DESCRIPTION OF CHANGE
A	9/15/14	14383	TG	SBL	Updated MSDS to GHS/SDS format. 48275 Revision A supersedes 48075 Revision C
B	4/20/18		M.Scott	PMc	Minor changes and updated to WHMIS 2015 Regulations

### Key / Legend

ACGIH - American Conference of Governmental Industrial Hygienists; ADR - European Road Transport; AU - Australia; BOD - Biochemical Oxygen Demand; C - Celsius; CA - Canada; CA/MA/MN/NJ/PA - California/Massachusetts/Minnesota/New Jersey/Pennsylvania\*; CAS - Chemical Abstracts Service; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CFR - Code of Federal Regulations (US); CLP - Classification, Labelling, and Packaging; CN - China; CPR - Controlled Products Regulations; DFG - Deutsche Forschungsgemeinschaft; DOT - Department of Transportation; DSD - Dangerous Substance Directive; DSL - Domestic Substances List; EC - European Commission; EEC - European Economic Community; EIN - European Inventory of (Existing Commercial Chemical Substances); EINECS - European Inventory of Existing Commercial Chemical Substances; ENCS - Japan Existing and New Chemical Substance Inventory; EPA - Environmental Protection Agency; EU - European Union; F - Fahrenheit; F - Background (for Venezuela Biological Exposure Indices); IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; ICAO - International Civil Aviation Organization; IDL - Ingredient Disclosure List; IDLH - Immediately Dangerous to Life and Health; IMDG - International Maritime Dangerous Goods; ISHL - Japan Industrial Safety and Health Law; IUCLID - International Uniform Chemical Information Database; JP - Japan; Kow - Octanol/water partition coefficient; KR KECI Annex 1 - Korea Existing Chemicals Inventory (KECI) / Korea Existing Chemicals List (KECL); KR KECI Annex 2 - Korea Existing Chemicals Inventory (KECI) / Korea Existing Chemicals List (KECL) , KR - Korea; LD50/LC50 - Lethal Dose/ Lethal Concentration; LEL - Lower Explosive Limit; LLV - Level Limit Value; LOLI - List Of Lists™ - ChemADVISOR's Regulatory Database; MAK - Maximum Concentration Value in the Workplace; MEL - Maximum Exposure Limits; MX - Mexico; Ne- Non-specific; NFPA - National Fire Protection Agency; NIOSH - National Institute for Occupational Safety and Health; NJTSR - New Jersey Trade Secret Registry; Nq - Non-quantitative; NSL - Non-Domestic Substance List (Canada); NTP - National Toxicology Program; NZ - New Zealand; OSHA - Occupational Safety and Health Administration; PEL - Permissible Exposure Limit; PH - Philippines; RCRA - Resource Conservation and Recovery Act; REACH- Registration, Evaluation, Authorisation, and restriction of Chemicals; RID - European Rail Transport; SARA - Superfund Amendments and Reauthorization Act; Sc - Semi-quantitative; STEL - Short-term Exposure Limit; TCCA - Korea Toxic Chemicals Control Act; TDG - Transportation of Dangerous Goods; TLV - Threshold Limit Value; TSCA - Toxic Substances Control Act; TW - Taiwan; TWA - Time Weighted Average; UEL - Upper Explosive Limit; UN/NA - United Nations /North American; US - United States; VLE - Exposure Limit Value (Mexico); VN (Draft) - Vietnam (Draft); WHMIS - Workplace Hazardous Materials Information System (Canada).

### Other Information:

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