Safety Data Sheet

ANSI Z400.1/Z129.1-2010

Red Wax

Section 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: Red Wax

Product Code(s): H00805, H00811

Relevant identified uses of the mixture and uses advised against: for lab techs to help create working stone models in the dental lab. Red Utility Wax should not be used in environments where temperatures can exceed 120ºF (48ºC).

Synonyms: None

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Copies of this SDS can be found at www.coltene.com

Section 2: HAZARDS IDENTIFICATION

Classification: Not hazardous when used in accordance with the relevant identified uses. Above its melting point, wax becomes a liquid and flows more readily as its 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 melting point.

PBT/vPvB Assessment: This product does not contain persistent, bioaccumulative and toxic chemicals (PBT's) nor does this product contain any very persistent and very bioaccumulative chemicals (vPvB's).

Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

Substance	CAS	Percent (w/w%)
No classified ingredients present	-	-

Section 4: FIRST AID MEASURES

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

Inhalation: Move victim to fresh air. Call a physician if symptoms persist

Eyes: Exposure to fumes vapor and smoke from thermal degradation can cause irritation. Direct contact with molten material will cause eye injury. Flush eyes with copious amounts of water for 15 minutes, administer first aid, and call a physician.

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 water for 15 minutes, then contact a physician. Do not attempt to remove material bonded to skin.

Ingestion: Ingestion of molten wax is not a likely source of exposure.

Section 5: FIRE FIGHTING MEASURES

Extinguishing Media: Carbon dioxide, foam and dry chemicals.

Unsuitable Extinguishing Media: Do not use direct water stream.

Specific Hazards Arising from the Chemical: Standard combustion products.

Protective Equipment and Precautions for Firefighters: standard protection for all firefighters stated in this subsection of the SDS text should include self-contained breathing apparatus (SCBA) and full firefighting turn-out gear (Bunker gear).

Section 6: ACCIDENTAL RELEASE MEASURES

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

Methods for Containment and Clean-up: Handle as a plastic material. Allow molten material to cool before clean up.

Other Information: none noted

Section 7: HANDLING AND STORAGE

Precautions for Safe Handling: use with adequate ventilation, do not use near ignition sources.

Conditions for Safe Storage, Including 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 120ºF.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Component Exposure Limits: none

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

Personal Protective Equipment (Eyes and Face): None required.

Personal Protective Equipment (Skin): None required.

Personal Protective Equipment (Respiratory): none required.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Red, Solid	Viscosity:	No data
Odor:	Mild	Odor Threshold:	No data
pH:	No data	Boiling Point:	> 316ºC
Melting Point:	56-60ºC	Solubility (H_2O):	Not Soluble
Specific Gravity:	1.0 g/ml	Evaporation Rate:	No data
Octanol / H_2O Coefficient:	No data	Decomposition Temp:	No data
Molecular Weight:	No data	LFL:	No data
Auto Ignition:	No data	UFL:	No data
Flash Point:	220ºC	Vapor Pressure:	No data
Vapor Density:	No data	Flammability Class:	No data
VOC:	No data		

Section 10: STABILITY AND REACTIVITY

Reactivity: Not reactive

Chemical Stability: Chemically stable

Possibility of Hazardous Reactions: None

Conditions to Avoid: Avoid strong oxidizing agents like peroxides and chlorines.

Incompatibility: None

Hazardous Decomposition Products: Will decompose into Carbon dioxide, monoxide, and other ketones and aldehydes when heated well above its boiling point.

Section 11: TOXICOLOGICAL INFORMATION

Likely Routes of Exposure: dermal, eye and inhalation, ingestion – wax is not hazardous

Eye contact: Can cause slight mechanical irritation**.**

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity: Material is not considered harmful to the environment.

Persistence / Degradability: Not known

Bioaccumulative Potential: Will not bioconcentrate in fish and aquatic organisms nor will it adsorb to sediment and suspended organic matter.

Mobility in Soil: None known

Other Adverse Effects: None known.

This product does not contain persistent, bioaccumulative and toxic chemicals (PBT's) nor does this product contain any very persistent and very bioaccumulative chemicals (vPvB's).

Section 13: DISPOSAL CONSIDERATIONS

Disposal: Dispose of in accordance with federal, state and local regulations.

Additional Disposal Considerations: Dispose if shelf-life has been exceeded.

Section 14: TRANSPORT INFORMATION

Not hazardous for transportation.

Section 15: REGULATORY INFORMATION

SARA Sections 302 and 304: This product does not contain Extremely Hazardous Substances (EHS) and is not subject to emergency planning requirements.

CERCLA: This product does not contain CERCLA Hazardous Substances and is not subject to reporting requirements.

SARA Section 313: Substances within this product are not required to be reported in accordance with SARA 313 or the substances within are exempt by rules for "de minimis concentrations of a toxic chemical in a mixture" §372.38(a).

International Inventories:

US (TSCA): The components within this product are included on the TSCA Inventory of Chemical Substances
Canada (DSL): All ingredients are on the inventory or exempt from listing.
European Union (EINECS): All ingredients conform to the EU requirements.
Japan (ENCS): All other ingredients are on the inventory or exempt from listing.
Philippines (PICCS): All other ingredients are on the inventory or exempt from listing.
South Korea (KECL): All ingredients are on the Inventory or exempt from listing.
Australia (AICS): All ingredients are on the Inventory or exempt from listing.
New Zealand (NZIoC): All ingredients are on the Inventory or exempt from listing.
China (IECSC): All ingredients are on the Inventory or exempt from listing.

California Proposition 65: There are no chemicals within this mixture on the Proposition 65 List.

Canadian Regulations require the inclusion of the following statements under "Regulatory Information": This product has been classified in accordance with the hazard criteria of the controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.

Section 16: OTHER INFORMATION

NFPA Ratings:

Health: 0
Fire: 0
Reactivity: 0

HMIS Ratings:

Health: 0
Fire: 0
Reactivity: 0

(NFPA and HMIS Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe)

REVISION HISTORY

REVISION	DATE	ECN#	CHG BY	APPR BY	DESC. OF CHANGE
A	09/15/14	14383	TG	SBL	Updated MSDS to GHS/SDS Format. 48279 Revision A supersedes 48079 Revision C.

The information and recommendations set forth herein are presented in good faith and are believed to be correct as of the date hereof. Coltène/Whaledent Inc. however, makes no representations as to the completeness of this information and supplies it on the condition that the persons receiving same will make their own determination as to its suitability of their purposes prior to use. In no event will Coltène/Whaledent Inc. be responsible for damages of any nature whatsoever resulting from use of or reliance upon information.

~Verified on 2014-10 by Henry Schein to be the most current version of the SDS. To be verified again on 2017-10. ~