

**I – Identification of the Substance and of the Company**

SUPPLIER: RMO, Inc.
650 W. Colfax Ave.
Denver, CO 80204
303-592-8200

Emergency Information Chemtrec: 800-424-9300
Chemtrec International: 202-483-7616

Trade Name and Synonyms –
Round Rope Wax

Description: Dental Wax

Product Grade / Name:
Red Utility Wax

II – Composition / Information on Ingredients

Chemical Characteristics: Dental Wax.

Hazardous Components: None.

Non-Hazardous Compounds (>10%):

Petroleum Hydrocarbons & Additives:

WT%: >50%

R&S Phrases: Not Applicable.

III – Hazards Identification

Hazard Designation: Non-Hazardous at room temperature. Above its melting point, wax becomes a liquid and flows more readily as its temperature increases. If material is used as 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.

Information Pertaining to Particular Dangers for Man and Environment: None.

Classification is in Line with BC Directive 88/379/EEC: Not Applicable.

IV – First Aid Measures

General Information: Not a hazardous material at room temperature. If exposed to melted wax, see below.

After Inhalation: Remove individual to a well-ventilated area for fresh air, and call a physician if symptoms persist.

After Skin Contact: Exposure to fumes vapor and smoke from thermal degradation can cause irritation. Exposure to molten material can cause burns. Run exposed area under water for 15 minutes, contact a physician. Do not attempt to remove material bonded to skin.

After Eye Contact: 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.

After Swallowing: Material is not generally toxic by ingestion.

V – Fire Fighting Measures

Flammability: Non-Flammable

Flash Point: Not Applicable.

LEL: Not Applicable.

UEL: Not Applicable.

Extinguishing Media: Carbon Dioxide. Foam and dry chemicals.

Unsuitable Extinguishing Media: Do not use direct water stream.

Protective Equipment: Not Applicable.

VI – Accidental Release Measures

In Case of Spillage: Handle as a thermoplastic. Allow molten material to cool and solidify before handling.

Waste Disposal: Not a RCRA hazardous waste material. Small quantities may be disposed of in a domestic waste.

Personal Precautions: No smoking.

Environmental Precautions: Observe local by-laws.

Methods for Cleaning Up: Handle as a thermoplastic. Allow molten material to cool and solidify before handling.

Additional Information: None.

VII – Handling and Storage

Handling: Use appropriate PPE when handling molten wax.

Storage: Store in a dry place, away from heat and flames.

Additional Storage Conditions: Not known.

Storage Classification: Not known.

VBF – Classification: Not known.

VIII – Exposure Controls / Personal Protection

Components with recommended limits for the work place:

CAS#: None

Respiratory Protection: If used in a molten state, ensure adequate ventilation.

Eye Protection: If used in a molten state, wear appropriate PPE safety glasses.

Protective Gloves: If used in a molten state, wear appropriate PPE thermal gloves.

Additional Information:

Personal Protective Equipment: If used in a molten state, wear appropriate PPE apron or splash guard.

General: None needed if used at room temperature. If used in a molten state, wear appropriate PPE (thermal gloves, safety glasses and an apron or appropriate splash guard). If used molten, ensure adequate ventilation.

IX – Physical and Chemical Properties

Appearance: Form: Rods or Square Ropes.

Color: Red.

Odor: Mild.

Information on Change in the Physical State:

Melting Point/Melting Range: 56° - 60°C

Boiling Point/Boiling range: >316°C
Flash Point: 220°C.
Ignition Temperature: None Known.
Explosion Hazard: None Known
Explosive Limits (Vol%) LEL: None Known.
Other Information:
 Relative Density: 1.0 g/ml.
 Vapor Pressure: <0.5 mmHg.
 Viscosity: None Known.
 pH: Not Applicable.

X – Stability and Reactivity

Stability: Stable.

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

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

If stored and handled in accordance with manufacturers instructions for use no hazardous reactions are known.

XI – Toxicological Information.

Carcinogenicity:

NTP: Not known.
IARC Monographs: Not known.
OSHA Regulated: Not known.
ACIGH: Not known.

TLV: Not known.

Primary Routes of Entry: Not known.

Not expected to be a health hazard.

XII – Ecological Information

General Information: Not known.

Classification of Water Endangerment: Not known.

Material is not considered harmful to the environment.

XIII – Disposal Considerations

Not a RCRA hazardous waste material. Small quantities may be disposed of in a domestic waste.

XIV – Transportation Information

DOT Shipping Name: Non-Regulated.

DOT Hazard Class: Non-Regulated.

UN Number: Not Applicable

Sea Transport IMDG/GGV Sea Class: Not Applicable.

UN Number: Not Applicable.

EmS Number: Not Applicable.

MFGA Number: Not Applicable.

Air Transport ICAO-Ti and IATA-DGR Class: Not Applicable
Un Number: Not Applicable.

XV – Regulatory Information

TSCA Inventory Status: This product and/or all of its components are included on the TSCA inventory of Chemical Substances.

SARA 311/312 Hazard Categories: None

SARA 302 Extremely Hazardous Substances: None.

SARA 313 Toxic Chemicals: None.

Labeled in accordance with EC directives.

Canadian Regulations: This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Product Regulations.

XVI – Other Information

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

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