

SECTION 1 : Identification of the substance/preparation and of the company / undertaking

(a) GHS product identifier

Garreco Rapid Dip Wax

(e) Emergency phone number

CHEMTREC 1-800-424-9300

(b) Other means of identification

NA

(c) Recommended use of the chemical and restrictions on use

For professional dental applications.

(d) Supplier's details

Garreco, LLC
430 Hiram Road
Heber Springs, AR 72543
Phone: 1-800-334-1443

SECTION 2: Hazards identification

(a) GHS classification of the substance/mixture

Substance Name

- 1 Mixture of natural and synthetic-waxes, resins, and pigments
- 2 Paraffin (wax fume)

(b) Label Elements

Hazard statements

May cause eye or skin irritation.

May cause respiratory irritation.

Precautionary statements

Do not breathe fumes.

Do not eat, drink or smoke when using this product.

Response

IF ON SKIN: Skin cuts and abrasions should be treated by standard first aid. Skin contamination with can be removed by washing with soap and water. Obtain medical help if irritation develops.

IF IN EYES: Material should be flushed from the eyes with clean water for 15-20 minutes. Obtain medical help if irritation persists.

IF INHALED: Remove affected person immediately to fresh air. If breathing has stopped, perform artificial respirations and obtain medical assistance.

IF SWALLOWED: Have the affected person rinse mouth thoroughly and sip large quantities of water. If this method proves ineffective, immediately obtain medical assistance. Do NOT induce vomiting.

Storage

Store material in original container at room temperature.

Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard Symbol(s)

None

Signal Word(s)

Warning

(c) Other hazards which do not result in classification

ND

SECTION 3: Composition/information on ingredients

(a) Chemical(s) Identity:

(b) Common Name:

- 1 Mix of natural and synthetic-wax
- 2 Paraffin (wax fume)

(c) CAS No.

- NA
- 8002-74-2

Mixture:

Concentration (Percentage)

- NA
- NA

SECTION 4: First-aid measures**(a) Description of first aid measures:**

IF ON SKIN: Skin cuts and abrasions should be treated by standard first aid. Skin contamination can be removed by washing with soap and water. Obtain medical help if irritation develops and persists.

IF INHALED: Breathing difficulty caused by inhalation of this material requires immediate removal to fresh air. If breathing has stopped, perform artificial respiration and obtain medical assistance.

IF SWALLOWED: Have the affected person drink large quantities of water. If this method proves ineffective, immediately obtain medical assistance.

IF IN EYES: Material should be flushed from the eyes with a lot of clean water. Obtain medical help if irritation persists.

(b) Most important symptoms and effects, both acute and delayed:

ON SKIN: May cause skin irritation.

IN EYES: Symptoms may include tears, blurred vision and redness.

INHALATION: Irritating to the respiratory tract and may cause irritation and nausea.

INGESTION: May cause irritation of the gastrointestinal tract.

(c) Indication of any immediate medical attention and special treatment needed:

IN EYES: tears, blurred vision and redness.

INHALATION: difficulty breathing.

SECTION 5: Fire-fighting measures**(a) Suitable extinguishing media:**

Use fire fighting measures that suit the environment: Foam, CO₂, extinguishing powder, or water jet.

(b) Special hazards arising from the chemical or mixture:

Fire can cause release of nitrogen oxides (NO_x) and ammonia (NH₃).

(c) Special protective equipment and precautions for fire-fighters:

As in any fire, wear self-contained breathing apparatus pressure-demand, and full protective gear.

SECTION 6: Accidental release measures**(a) Personal precautions, protective equipment and emergency procedures:**

Persons entering the restricted zone must wear adequate protective equipment appropriate for the severity of the spill.

(b) Environmental precautions:

There is no information available on the ecological effects of this material.

(c) Methods and material for containment and cleaning up:

Establish a restricted entry zone based on the severity of the spill.

SECTION 7: Handling and storage**(a) Precautions for safe handling:**

Wear an approved respirator when melting this product.

(b) Conditions for safe storage, including any incompatibilities:

Store material in original container at room temperature.

SECTION 8: Exposure controls/Personal protection**(a) Control parameters:**

Chemical	ACGIH TLV	OSHA PEL TWA
1 Mix of natural and synthetic-wax	NA	NA
2 Paraffin (Wax fume)	2 mg/m ³	2 mg/m ³

(b) Appropriate Engineering Controls:

Store in the original container at room temperature.

(c) Individual protection measures:

RESPIRATORY: If exposure is above occupational limits, approved respirators must be used as specified by an Industrial Hygienist.

OTHER PROTECTIVE EQUIPMENT: Rubber or latex gloves recommended when working with molten material. Wear safety glasses or goggles.

SECTION 9: Physical and chemical properties

(a) Appearance:	Solid, varied in color
(b) Odor:	Slight
(c) Odor threshold:	NA
(d) pH:	NA
(e) Melting point / freezing point:	58-84°C / NA
(f) Initial boiling point and boiling range:	343°C
(g) Flash point	~200°C
(h) Evaporation rate (BuAc=1):	NA
(i) Flammability:	Not very flammable.
(j) Upper/lower flammability or explosive limits:	NA
(k) Vapor Pressure:	<0.01mbar
(l) Vapor density:	NA
(m) Relative density:	~1.0 g/cm ³
(n) Solubility:	Insoluble in water
(o) Partition coefficient: n-octanol/water:	NA
(p) Auto-ignition temperature:	>300°C
(q) Decomposition temperature:	NA
(r) Viscosity:	NA

SECTION 10: Stability and reactivity

(a) Reactivity:	This material is stable.
(b) Chemical stability:	This material is stable.
(c) Possibility of hazardous reactions:	Will not occur.
(d) Conditions to avoid:	Overheating >130°C
(f) Hazardous decomposition products:	Fire can cause release of nitrogen oxides and ammonia.

SECTION 11: Toxicological information

Acute toxicity	NA
Skin corrosion/irritation	Contact with molten wax will cause thermal burns. May cause dermatitis.
Serious Eye Damage / Irritation	Contact with molten wax will cause thermal burns. Injury can result from particulate irritation.
Respiratory or skin sensitization	Fumes can cause irritation to the respiratory system.
Germ cell mutagenicity	NA
Carcinogenicity	NA
Reproductive toxicity	NA
STOT-single exposure	Irritation to eyes and skin may result from short term exposure.
STOT-repeated exposure	NA
Aspiration Hazard	Inhalation of this material may cause irritation to the respiratory system.

(a) Exposure route:	Inhalation, ingestion, skin, and eyes.
(b) Symptoms related to the physical, chemical and toxicological characteristics:	Difficulty breathing, irritation of the throat and respiratory system, skin irritation, eye irritation.
(c) Delayed and immediate effects and also chronic effects from short and long tem exposure:	Difficulty breathing, irritation of the throat and respiratory system, skin irritation, eye irritation.
(d) Numerical measures of toxicity:	NA

SECTION 12: Ecological information

(a) Ecotoxicity:	There is no information available on the ecological effects of this material.
(b) Persistence and degradability:	NA
(c) Bioaccumulative potential	NA
(d) Mobility in soil:	NA
(e) Other adverse effects:	NA

SECTION 13: Disposal considerations

Product:

Recommendation

Waste Management: Comply with Federal, State, and local regulations.

SECTION 14: Transport information

(a) UN Number

NA

(b) UN Proper shipping name

NA

(c) Transport hazard class(es)

NA

(d) Packing Group

NA

(e) Environmental hazards

NA

(f) Transport in bulk

NA

(g) Other Information

NA

SECTION 15: Regulatory information

SARA Reporting Requirements:

NA

SARA Threshold Planning Quantity:

NA

TSCA Inventory Status:

NA

Other Federal Requirements:

OSHA Hazard Communication Standard, 29 CFR 1910.1200: Components of these products are considered hazardous ingredients.

Wastewater: Wastewater regulations can vary considerably. Contact your local and state governments to determine their requirements.

Other Canadian Regulations:

NA

State Regulatory Information:

NA

SECTION 16: Other information

PREPARED BY:

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GAR QMS SDS REFERENCE:

A345

HAZARDOUS MATERIAL IDENTIFICATION (HMIS) RATING:

Health	0
Flammability	0
Reactivity	0
Other	0

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) RATING:

Health	0
Flammability	0
Reactivity	0
Other	0

REVISION NUMBER:

150715

CHANGES FROM PREVIOUS VERSION:

Initial Version

Safety Data Sheet

Form No. A347

Date Prepared: 7/15/2015

ABBREVIATIONS

NA Not Applicable

ND Not Determined

NE Not Established

ppm parts per million

G Gallon

mg Milligram

L Liter

gm Gram

mol Mole

kg Kilogram

 μ Micro

mm Millimeter

p Pico

Pa Pascals

c cent

LC Lethal Concentration

ACGIH American Conference of Governmental Industrial Hygienist

CPR Controlled Product's Regulation

DSL Canadian Domestic Substances List

NDSL Canadian Non-domestic Substance List

LD Lethal Dose

TC Toxic Concentration

TD Toxic Dose

BOD Biological Oxygen Demand

COD Chemical Oxygen Demand

Lo Lowest

ThOD Theoretical Oxygen Demand

TLm Threshold Limit

IC Inhibitory Concentration

DOC Dissolved Organic Carbon

H Hours

M Months

D Days

Y Years

W Weeks

IARC International Agency for Research for Cancer

NOEL No Observed Effect Level

NOAEL No Observed Adverse Effect Level

OSHA Occupational Safety and Health Administration

PEL Permissible Exposure Limit

TLV Threshold Limit Value

THIS MATERIAL SAFETY DATA SHEET IS PREPARED IN COMPLIANCE WITH FEDERAL REGULATIONS (29 CFR 1910.1200) OF CHEMICALS AND THE GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING REVISION 5. ANY APPLICABLE STATE AND LOCAL REGULATIONS SHOULD BE CONSULTED.

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