

Safety Data Sheet

Form No. A202

Date Prepared:

6/25/2015

SECTION 1 : Identification of the substance/preparation and of the company / undertaking**(a) GHS product identifier**

Premium Denture Base HC (All Colors)

(e) Emergency phone number

CHEMTRAC 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. Polymer
2. Polymer
3. Polymer
4. Dibutyl Phthalate

Note: As the Dibutyl Phthalate is incorporated in the insoluble polymer matrix, the possibility of exposure from handling this material is minimal.

(b) Label Elements**Hazard Statements**

Suspected of damaging fertility or the unborn child

Very toxic to aquatic life

Precautionary statements**Prevention**

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Wear protective gloves/protective clothing/eye protection/face protection.

Response

IF exposed or concerned: Get medical advice/attention.

Storage

Store locked up.

Disposal

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

Hazard Symbol(s)

Health Hazard

Environment

Signal Word(s)

Danger

(c) Other hazards which do not result in classification

For Polymer

OSHA classifies this material as Particulates, Not Otherwise Classified.

Acute hazards:

IF IN EYES: May be irritating to the eyes by gross overexposure, no matter how generated.**IF SWALLOWED:** Not expected to cause any harmful effects.**IF ON SKIN:** May be irritating to skin in some sensitive individuals, especially after prolonged and/or repeated contact.**IF INHALED:** May be irritated by gross overexposure, no matter how generated.

For Diethyl Phthalate

Chronic Hazards:

IF INHALED: Persons with impaired lung function or asthma-like conditions may experience additional breathing difficulties.**REPRODUCTIVE:** Possible teratogen.**IF ON SKIN:** Persons with pre-existing skin disorders may be more susceptible to this material.

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SECTION 3: Composition/information on ingredients**(a) Chemical(s) Identity:****(b) Common Name:**

1. Polymer
2. Polymer
3. Polymer
4. Dibutyl Phthalate

(c) CAS No.

9011-14-7
9010-88-2
25852-37-3
84-74-2

Mixture:**Concentration (Percentage)**

60.0 - 100.0 %
0.0 - 20.0 %
0.0 - 20.0 %
0.0 - 3.0 %

SECTION 4: First-aid measures**(a) Description of first aid measures:****IF exposed or concerned:** Get medical advice/attention

IF ON SKIN (or hair): If irritation occurs and product is on the skin, rinse thoroughly with lukewarm water, followed by a thorough washing of the effected area with soap and water. If irritation, redness or swelling persists, contact a physician immediately.

IF ON CLOTHING: Remove contaminated clothing, wash thoroughly before reuse.

IF INHALED: Remove to fresh air. Seek immediate medical attention.

IF SWALLOWED: If ingested, do not induce vomiting. If product has been swallowed, drink plenty of water or milk IMMEDIATELY. If the patient is vomiting, continue to offer water or milk. Never give anything by mouth to an unconscious person. Provide an estimate of the time at which the material was ingested and the amount of the substance that was swallowed. Get medical attention immediately

IF IN EYES: If product gets in the eyes, flush with copious amounts of lukewarm water for at least 15 minutes. If irritation occurs, contact a physician.

TREATMENT: Treat symptoms conventionally, after thorough decontamination.

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

Vomiting, burning sensation of the mouth, throat and gastrointestinal tract or abdominal pain.

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

Vomiting, burning sensation of the mouth, throat and gastrointestinal tract or abdominal pain.

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

Water, carbon dioxide, dry chemical.

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

Polymer dust is combustible. The explosive limits of the polymer particles suspended in air are approximately those of coal dust. Avoid extinguishing methods, which may generate dust clouds. Water stream can disperse dust into air producing a fire hazard and possible explosion hazard if exposed to ignition source.

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

Avoid extinguishing methods, which may generate dust clouds. Water stream can disperse dust into air producing a fire hazard and possible explosion hazard if exposed to ignition source. Firefighters should wear self-contained breathing apparatus.

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

Before cleaning any spill or leak, individuals involved must wear appropriate Personal Protective Equipment (e.g., goggles, gloves).

(b) Environmental precautions:

Avoid release to the environment. Collect spillage. Dispose of properly in accordance with local, state and federal regulations.

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

Sweep up to avoid slipping hazard. Keep airborne particulates at a minimum when cleaning up spills. Wash all affected areas with plenty of warm water and soap. Remove any contaminated clothing and wash thoroughly before reuse.

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

Use in well ventilated areas. Avoid contact with skin, eyes and clothing. Avoid breathing dust. Use good personal hygiene and housekeeping. Avoid prolonged contact with the product. Use in a well-ventilated location (e.g., local exhaust ventilation, fans). After use, wash hands and exposed skin with soap and water. Do not eat, drink or smoke while handling product.

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

Store containers in a cool, dry location, away from direct sunlight, other light sources, or sources of intense heat. Keep container closed to prevent water absorption and contamination.

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

Chemical	ACGIH	OSHA
	TLV TWA	PEL TWA
1. Polymer	10 mg/m ³	15 mg/m ³
2. Polymer	10 mg/m ³	15 mg/m ³
3. Polymer	10 mg/m ³	15 mg/m ³
4. Dibutyl Phthalate	5 mg/m ³	5 mg/m ³

(b) Appropriate Engineering Controls:

When working with large quantities of product provide adequate ventilation (e.g., local exhaust ventilation, fans). Ensure that an eyewash station, sink or washbasin is available in case of exposure to eyes. Use good local exhaust at processing equipment, including buffers, sanders, grinders and polishers.

(c) Individual protection measures:

RESPIRATORY: A respirator should be worn whenever workplace conditions warrant a respirators use.

None required if airborne concentrations are maintained below the exposure limit listed in Section 2. If necessary, use only respiratory protection authorized per U.S. OSHA's requirement in 29 CFR §1910.134 or other appropriate governing standard.

EYE PROTECTION: Depending on the use of this product, safety glasses or goggles may be worn. If necessary, refer to U.S. OSHA 29 CFR §1910.133, Canadian standards, or the European Standard EN166.

Ensure that an eyewash station, sink or washbasin is available in case of exposure to eyes.

PROTECTIVE GLOVES: If anticipated that prolonged & repeated skin contact will occur during use of this product, wear gloves for routine industrial use. If necessary, refer to U.S. OSHA 29 CFR §1910.138, the appropriate standards of Canada, of the E.C. member states.

OTHER PROTECTIVE EQUIPMENT: No special body protection is required under typical circumstances of use and handling. If necessary, refer to appropriate standards of Canada, the E.C. member states, or U.S. OSHA. An eyewash station and a safety shower are recommended. High temperature processing equipment should be well ventilated.

SECTION 9: Physical and chemical properties

(a) Appearance:	Fine clear to pigmented powder.
(b) Odor:	Faint odor in bulk.
(c) Odor threshold:	ND
(d) pH:	NA
(e) Melting point / freezing point:	ND
(f) Initial boiling point and boiling range:	NA
(g) Flash point:	304° C, 580° F
(h) Evaporation rate (BuAc=1):	NA
(i) Flammability:	NA
(j) Upper/lower flammability or explosive limits:	NA
(k) Vapor Pressure:	NA
(l) Vapor density:	NA
(m) Relative density:	NA
(n) Solubility:	Insoluble in water.
(o) Partition coefficient: n-octanol/water:	NA
(p) Auto-ignition temperature:	NE
(q) Decomposition temperature:	ND
(r) Viscosity:	NA

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Date Prepared: 6/25/2015**SECTION 10: Stability and reactivity**

- (a) **Reactivity:** Hazardous polymerization will not occur.
- (b) **Chemical stability:** Stable
- (c) **Possibility of hazardous reactions:** Will not occur.
- (d) **Conditions to avoid:** Heating above 240° C, 464° F. Strong oxidizing agents.
- (f) **Hazardous decomposition products:** Methacrylate Monomer and Oxides of Carbon when burned.

SECTION 11: Toxicological information

Acute toxicity	NA
Skin corrosion/irritation	May be irritating to skin in some sensitive individuals, especially after prolonged and/or repeated contact.
Serious Eye Damage / Irritation	May be irritating to the eyes by gross overexposure, no matter how generated. Symptoms of overexposure may include redness, itching, irritation and watering. Keep dust out of eyes.
Respiratory or skin sensitization	May be irritated by gross overexposure, no matter how generated
Germ cell mutagenicity	NA
Carcinogenicity	ND
Reproductive toxicity	ND
STOT-single exposure	ND
STOT-repeated exposure	ND
Aspiration Hazard	ND

- (a) **Exposure route:** Inhalation, ingestion or skin/eye exposure
- (b) **Symptoms related to the physical, chemical and toxicological characteristics:**
Vomiting, burning sensation of the mouth, throat and gastrointestinal tract or abdominal pain.
- (c) **Delayed and immediate effects and also chronic effects from short and long tem exposure:**
ND
- (d) **Numerical measures of toxicity:**
ND

SECTION 12: Ecological information

- (a) **Ecotoxicity:**
There is no specific data available for this product; however, very large releases of this product may be harmful or fatal to overexposed aquatic life.
- (b) **Persistence and degradability:** ND
- (c) **Bioaccumulative potential:** ND
- (d) **Mobility in soil:** ND
- (e) **Other adverse effects:** ND

SECTION 13: Disposal considerations**Product:****Recommendation**

Dispose in a landfill or incinerate according to Federal, State, and Local regulations. Reuse of empty drums or containers is not recommended. Employees should be advised of the potential hazards, due to residual material, associated with empty containers. Dispose of all empty containers properly, in accordance with Federal, State and Local regulations.

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Date Prepared:**6/25/2015****SECTION 14: Transport information****(a) UN Number**

Not Regulated.

(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:**

Yes

SARA Threshold Planning Quantity:

There may be specific Threshold Planning Quantities for the components of this product.

TSCA Inventory Status:

The components of this product are listed on the TSCA Inventory. For use in FDA regulated products only.

Other Federal Requirements:

This product complies with the appropriate sections of the Food and Drug Administration's 21 CFR subchapter G (Cosmetics).

Other Canadian Regulations:

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR. The components of this product are listed on the DSL/NDSL. None of the components of this product are listed on the Priorities Substances List.

State Regulatory Information:

This product may contain components that are covered under specific state criteria.

SECTION 16: Other information**PREPARED BY:** Kathryn Harris**GAR QMS SDS REFERENCE:** A076**HAZARDOUS MATERIAL IDENTIFICATION (HMIS) RATING:**

1	Health
1	Flammability
0	Reactivity
0	Other

REVISION NUMBER: 150625**CHANGES FROM PREVIOUS VERSION:** INITIAL VERSION

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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 cento
 LC Lethal Concentration
 ACGIH American Conference of Governmental Industrial Hygienist
 CPR Controlled Product's Regulation
 NDSL Canadian Non-domestic Substance List
 IARC International Agency for Research for Cancer
 OSHA Occupational Safety and Health Administration

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
 DSL Canadian Domestic Substances List
 NOEL No Observed Effect Level
 NOAEL No Observed Adverse Effect Level
 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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