SAFETY DATA SHEET

Issuing Date 17-Apr-2015  Revision Date 15-Mar-2017  ECR# 24922

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

GHS product identifier

Product Name Vanilla, Chocolate and Clear Bite Registration materials

Other means of identification

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use Professional Dental Material

Uses advised against No information available

Supplier's details

Supplier Address DenMat
1017 W. Central Ave.
Lompoc, CA 93436
TEL: 805-346-3700

Emergency telephone number

Emergency Telephone Number 805-346-3700
2. HAZARDS IDENTIFICATION

Classification

This chemical is not considered hazardous according to the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200)

GHS Label elements, including precautionary statements

None

Hazard Not Otherwise Classified (HNOC)

Not applicable

Other information

Aspiration hazard if swallowed - can enter lungs and cause damage Harmful to aquatic life

<5% of the mixture consists of ingredient(s) of unknown toxicity.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Modified polydimethyl siloxnae</td>
<td>Proprietary</td>
<td>25-75</td>
</tr>
<tr>
<td>Platinum catalyst</td>
<td>proprietary</td>
<td>0.001 - 1</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

Description of necessary first-aid measures

Eye Contact
 Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Consult a physician.

Skin Contact
 Wash off with warm water and soap.

Inhalation
 IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. If not breathing, give artificial respiration.

Ingestion
 Immediately rinse mouth well with water and drink plenty of water in small portions. Do not induce vomiting. If you feel unwell, seek medical advice.

Most important symptoms/effects, acute and delayed
 None Expected

Most Important Symptoms/Effects
 None Expected

Indication of immediate medical attention and special treatment needed, if necessary

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media
 Use extinguishing measures that are appropriate to local circumstances and the surrounding environment; water, foam, carbon dioxide, dry powder.
Unsuitable Extinguishing Media: Water Jet.

Specific Hazards Arising from the Chemical: None

**Explosion Data**
- Sensitivity to Mechanical Impact: None.
- Sensitivity to Static Discharge: None

**Protective Equipment and Precautions for Firefighters**
Wear positive-pressure self-contained breathing apparatus (SCBA) and protective fire fighting clothing (includes fire fighting helmet, coat, trousers, boots, and gloves). If protective equipment is not available or not used, fight from a protected location or safe distance.

### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

**Personal Precautions**
Ensure adequate ventilation. Avoid breathing vapors or mists. Remove all sources of ignition. Take precautionary measures against static discharges. Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling.

**Environmental Precautions**
Avoid release to the environment. Dispose of contents/container to an approved waste disposal plant. See Section 12 for additional Ecological Information.

**Methods and materials for containment and cleaning up**

**Methods for Containment**
Prevent further leakage or spillage if safe to do so.

**Methods for Cleaning Up**
Pick up and transfer to properly labeled containers.

### 7. HANDLING AND STORAGE

**Precautions for safe handling**

**Handling**
Ensure adequate ventilation. Avoid breathing vapors. Keep away from open flames, hot surfaces and sources of ignition. Ground and bond all lines and equipment associated with product system. All equipment should be non-sparking and explosion proof. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors). Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use.

**Conditions for safe storage, including any incompatibilities**

**Storage**
Keep containers tightly closed in a dry, cool and well-ventilated place.

**Incompatible Products**
Strong acids. Strong oxidizing agents.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Control parameters**

**Exposure Guidelines**
None. No associated substances with specific working place control parameters.

**Appropriate engineering controls**

**Engineering Measures**
- Showers
- Eyewash stations
- Ventilation systems
Individual protection measures, such as personal protective equipment

Eye/Face Protection
- Safety glasses with side-shields. Tightly fitting safety goggles.

Skin and Body Protection
- Long sleeved clothing. Impervious gloves.

Respiratory Protection
- If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

Hygiene Measures
- Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use. Wash thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks/ - Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH</td>
<td>Not Applicable</td>
<td>None known</td>
</tr>
<tr>
<td>Melting Point/Range</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Boiling Point/Range</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Flash Point</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Flammability Limits in Air</td>
<td></td>
<td></td>
</tr>
<tr>
<td>upper flammability limit</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>lower flammability limit</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>&lt; 10 hPa @ 20°C</td>
<td></td>
</tr>
<tr>
<td>Vapor Density</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.55 g/cm³ @ 20°C</td>
<td></td>
</tr>
<tr>
<td>Water Solubility</td>
<td>Insoluble</td>
<td></td>
</tr>
<tr>
<td>Solubility in other solvents</td>
<td>No data available</td>
<td>None known</td>
</tr>
</tbody>
</table>

Information on basic physical and chemical properties

Partition coefficient: n-octanol/water
- No data available
  - None known

Autoignition Temperature
- No data available
  - None known

Decomposition Temperature
- No data available
  - None known

Viscosity
- High viscosity
  - None known

Flammable Properties
- Slightly flammable, flammable at high temperature

Explosive Properties
- No data available
  - None known

Oxidizing Properties
- No data available
  - None known

Other information

VOC Content (%)
- <1%

10. STABILITY AND REACTIVITY

Reactivity
- No dangerous reaction known under conditions of normal use.

Chemical stability
- Stable under recommended storage conditions.

Possibility of hazardous reactions
Vanilla, Chocolate & Clear Bite Registration Material
None under normal processing.

**Hazardous Polymerization**
Hazardous polymerization does not occur.

**Conditions to avoid**
Ignitions sources - heat, sparks and open flames.

**Incompatible materials**
Reacts with acids, lyes, alcohols, metallic powder and metallic oxides realizing hydrogen.

**Hazardous decomposition products**
Releases hydrogen when exposed to temperatures in excess of 150° C.
11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

<table>
<thead>
<tr>
<th>Route</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inhalation</td>
<td>May cause irritation of respiratory tract.</td>
</tr>
<tr>
<td>Eye Contact</td>
<td>Irritating to eyes.</td>
</tr>
<tr>
<td>Skin Contact</td>
<td>May cause skin irritation and/or dermatitis.</td>
</tr>
<tr>
<td>Ingestion</td>
<td>Potential for aspiration if swallowed. Vomiting may aspirate into lungs and cause chemical pneumonia.</td>
</tr>
</tbody>
</table>

Acute Toxicity: LD50 (oral, rat) >5,000 mg/kg based on materials with similar composition.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms
Eye contact with liquid may cause irritation including stinging, burning, tearing, or reddening of the eyes.

Delayed and immediate effects and also chronic effects from short and long term exposure

<table>
<thead>
<tr>
<th>Category</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sensitization</td>
<td>No information available.</td>
</tr>
<tr>
<td>Mutagenic Effects</td>
<td>No information available.</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable or confirmed human carcinogen by IARC.</td>
</tr>
<tr>
<td></td>
<td>ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen</td>
</tr>
<tr>
<td>Reproductive Toxicity</td>
<td>No information available.</td>
</tr>
<tr>
<td>STOT - single exposure</td>
<td>No information available.</td>
</tr>
<tr>
<td>STOT - repeated exposure</td>
<td>No information available.</td>
</tr>
<tr>
<td>Target Organ Effects</td>
<td>Eyes.</td>
</tr>
<tr>
<td>Aspiration Hazard</td>
<td>Based on product level data, this product does not meet the requirement to be classified as an aspiration hazard.</td>
</tr>
</tbody>
</table>

Numerical measures of toxicity - Product

<table>
<thead>
<tr>
<th>Category</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Toxicity</td>
<td>Not established</td>
</tr>
<tr>
<td>LD50 Oral</td>
<td>&gt;500 mg/kg; Acute toxicity estimate</td>
</tr>
<tr>
<td>Inhalation</td>
<td>Not established</td>
</tr>
</tbody>
</table>

12. ECOLOGICAL INFORMATION

Ecotoxicity
The environmental impact of this product has not been fully investigated.

Persistence and Degradability
No information available.

Bioaccumulation
No information available.

Other Adverse Effects
No information available.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods
This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

Contaminated Packaging
Do not re-use empty containers.
## 14. TRANSPORT INFORMATION

### DOT

<table>
<thead>
<tr>
<th>UN-Number</th>
<th>N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hazard Class</td>
<td>Not a dangerous good</td>
</tr>
<tr>
<td>Packing Group</td>
<td>Description</td>
</tr>
</tbody>
</table>

### IATA

<table>
<thead>
<tr>
<th>UN-Number</th>
<th>N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hazard Class</td>
<td>Not regulated. Not a dangerous good</td>
</tr>
</tbody>
</table>
15. REGULATORY INFORMATION

International Inventories

TSCA

All components of this product are either listed or are exempt on the TSCA inventory.

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

U.S. Federal Regulations

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

<table>
<thead>
<tr>
<th>Hazard Category</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Health Hazard</td>
<td>No</td>
</tr>
<tr>
<td>Chronic Health Hazard</td>
<td>No</td>
</tr>
<tr>
<td>Fire Hazard</td>
<td>No</td>
</tr>
<tr>
<td>Sudden Release of Pressure Hazard</td>
<td>No</td>
</tr>
<tr>
<td>Reactive Hazard</td>
<td>No</td>
</tr>
</tbody>
</table>

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

U.S. State Right-to-Know Regulations

None

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

16. OTHER INFORMATION

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health Hazard</th>
<th>Flammability</th>
<th>Instability</th>
<th>Physical and Chemical Hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>Personal Protection X</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HMIS</th>
<th>Health Hazard</th>
<th>Flammability</th>
<th>Physical Hazard</th>
<th>Personal Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>X</td>
</tr>
</tbody>
</table>
### General Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

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**End of Safety Data Sheet**