Section I - Product and Company Identification

Product Name: HDPE- Used in D-1, D-2 & D-3 HVE tips
Chemical Name: High Density Polyethylene

Family: Resin
Manufacturer: T&S Dental & Plastics, Keystone Industries
52 W. King Street, Myerstown, PA 17067

Product Use: N/E
Formula: N/E

Emergency Phone Numbers: (800)-535-5053
Information Contacts: (856)-663-4700

Section II - Hazardous Ingredients

<table>
<thead>
<tr>
<th>Chemical Identity</th>
<th>CAS Numbers</th>
<th>Percent</th>
<th>Exposure Limits</th>
<th>Carcinogen</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product contains no reportable Hazardous ingredients</td>
<td>N/A-Not Applicable</td>
<td>N/R - Not Reviewed</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

N/E - None Established
N/DA- No Data Available
N/A- Not Applicable
N/R - Not Reviewed

*Disclosure as a toxic chemical is required under section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR part 372

Section III - Hazards Identification

EMERGENCY OVERVIEW

- No unusual dermatitis hazard is expected from routine handling.
- This product is not respirable as marketed- if irritation should occur, move to a ventilated location.

Potential Health Effects, Signs and Symptoms of Exposure:

Primary Route of Entry
Eye Mechanical Irritation
Skin No Data are available. However, based on experience with handling these polymers, no unusual dermatitis hazard is expected from routine handling
Ingestion
Inhalation
Medical Conditions aggravated by exposure None known

Section IV - First Aid Measures

First Aid for Eye: Flush with water
First Aid for Skin: Wash areas of contact with soap and water
First Aid for Inhalation: Not expected to be a problem
First Aid for Ingestion: Not expected to be a problem when ingested. If uncomfortable, seek medical assistance.

Section V - Fire Fighting Measures

<table>
<thead>
<tr>
<th>Flash Point (°F/°C)</th>
<th>Flammable Limit (vol%)</th>
<th>Auto-ignition Temperature (vol%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>500 F / 260 C</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

Method: Open cup
Extinguishing Media: Carbon Dioxide, Foam, Dry chemical, and water fog
Fire Fighting Instructions: Water or foam may cause frothing. Use water to keep fire exposed containers cool. Water spray may be used to flush spills away from exposure. For fires in enclosed area, firefighters must use self-contained breathing apparatus. Prevent runoff from fire control or dilution from entering streams or drinking water supply.

General Hazard: High dust levels may create potential for explosion
Decomposition products NA
Material Safety Data Sheet

Section VI - Accidental Release Measures
Spill or Release Procedures - • Shovel or vacuum up spilled product and place in closed container for disposal. Do not flush into sewer, stream or other bodies of water.

Section VII - Handling and Storage
Handling • See First Aid and Personal Protective Equipment sections
Storage • Store in cool, dry place. Keep container closed to prevent contamination.
Explosion Hazard • None

Section VIII - Exposure Controls / Personal Protective Equipment
Engineering Controls: VENTILATION – Use local exhaust over heating operations. No special requirements under ordinary conditions of use and with adequate ventilation.

Personal Protective Equipment:
General: None
Eye/ Face Protection: No special protection required
Skin Protection: No special protection required, however; good personal hygiene practices should always be followed
Respiratory Protection: No special requirements under ordinary conditions of use and with adequate ventilation
Personal Protection: No special protection required
Exposure Limits: This product contains no chemicals reportable under SARA (313) toxic release program

Section IX - Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Appearance</th>
<th>Odor &amp; Odor Threshold</th>
<th>pH</th>
<th>Specific Gravity</th>
<th>Viscosity</th>
<th>% Volatile</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pellets</td>
<td>No odor</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Boiling Point/ Decomposition Temperature</th>
<th>Octanol/Water Partitioning Coefficient Log Po/w</th>
<th>Vapor Pressure:</th>
<th>Vapor Density:</th>
<th>Evaporation Rate:</th>
<th>Ignition</th>
<th>Solubility In Water (20°C)</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>Insoluble</td>
</tr>
</tbody>
</table>

Section X - Stability and Reactivity
Stability: Stable
Incompatibility (Materials to Avoid):
strong oxidizers
Hazardous Decomposition Products: Carbon monoxide, aldehydes, acetic acid
Hazardous Polymerization: Will not occur.
Conditions to Avoid: None

Section XI - Toxicological Information

<table>
<thead>
<tr>
<th>Acute Oral Toxicity (rats) 15G non toxic based on testing of similar products and/or the components</th>
<th>Acute Dermal Toxicity (rabbits) L050 5G/KG non toxic based on testing of similar products and/or the components</th>
<th>Acute Inhalation Toxicity (rats) non toxic based on testing of similar products and/or the components</th>
<th>Irritation - skin (rabbits) expected to be non-irritating-based on testing of similar products and/or the components</th>
<th>Irritation - Eye (rabbits) expected to be non-irritating-based on testing of similar products and/or the components</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sensitization N/E</td>
<td>Mutagenicity N/E</td>
<td>Sub-chronic Toxicity N/E</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section XII - Ecological Information

Ecotoxicological Information

<table>
<thead>
<tr>
<th>Acute Toxicity to Fish N/E</th>
<th>Acute Toxicity to Invertebrates N/E</th>
<th>Acute Toxicity to Algae N/E</th>
<th>Bioconcentration N/E</th>
<th>Toxicity to Sewage Bacteria N/E</th>
</tr>
</thead>
<tbody>
<tr>
<td>No information is available. Toxicity is expected to be low based on insolubility in water.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Section XIII - Disposable Concentrations
Dispose as normal refuse. Product is suitable for burning in an enclosed, controlled burner or fuel value or disposal by supervised incineration. Such burning may be limited pursuant to the resource conservation and recovery act. Use of these methods is subject to user compliance with applicable laws and regulations and consideration of product characteristics at time of disposal.

Section XIV - Transport Information
- DOT/UN Shipping Name: Non-hazardous, not regulated.

Section XV - Regulatory Information

US Federal Regulations
- Clean Air Act: HAP: None
- Clean Air Act: ODS: None
- Clean Water Act: Priority Pollutant: None
- FDA: Food Packaging Status: None
- Occupational Safety and Health Act: None
- RCRA: None
- SARA Title III: Section 302: N/A
- SARA Title III: Section 304: None
- SARA Title III: Section 311-312: This product contains no extremely hazardous substances
- SARA Title III: Section 313: NA
- TSCA Section 8(b): Inventory: NA
- TSCA Section 12(b): Export Notification: None
- TSCA Section 5(e): Consent Order: None

Section XVI - Other Information

Hazard Rating System
NFPA: Health 0 /Flammability 1 /Reactivity 0

Rev: 04/11/00

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