MATERIAL SAFETY DATA SHEET

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

Product Name: Eclipse® Resin Materials (Baseplate, Set-Up and Contour Resin)  
Product Number:  905001-905003, 905005-905009, 905011-905015, 905017-905020, 905022, 905075-905077, 905080-905083, 905086-905089, 905092-905094  
MSDS Code Number:  201  
Manufacturer: Dentsply Prosthetics  
Address: 570 West College Ave.  
York, PA 17405-0872  
Information Telephone Number: 717-845-7511  
Emergency Telephone Number: 800-424-9300 Chemtrec  
E-mail Address: Prosthetics_MSDS@Dentsply.com  
Product Use: Resin used in removable dental appliances.  
Date of Last Revision: September 12, 2010

SECTION 2 HAZARDS IDENTIFICATION

Emergency Overview: CAUTION! May cause eye and skin irritation. May cause allergic skin reaction (sensitization).

EU Preparation Classification (1999/45/EC): Xi; R36/38, R43

SECTION 3 COMPOSITION INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS No./EINECS No.</th>
<th>Percent</th>
<th>EC Substance Classification (67/548/EEC)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Urethane Methacrylate</td>
<td>Proprietary</td>
<td>40-100</td>
<td>Xi R36/38, R43</td>
</tr>
<tr>
<td>Stearyl Acrylate</td>
<td>4813-57-4 / 225-383-3</td>
<td>0-5</td>
<td>XI R36/37/38</td>
</tr>
</tbody>
</table>

See Section 16 for further information on EU Classification.

SECTION 4 FIRST AID MEASURES

Eye Contact: Immediately flush victim's eyes with large quantities of water for at least 15 minutes, holding the eyelids apart. Get medical attention.  
Skin Contact: Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if irritation develops. Launder clothing before re-use. (Discard contaminated shoes).  
Ingestion: If conscious, wash mouth out with water. Do not induce vomiting. Never give anything by mouth to an unconscious or convulsing person. Get medical attention.  
Inhalation: If irritation develops, remove to fresh air. Get medical attention if symptoms persist.
SECTION 5 FIRE FIGHTING PROCEDURES

Extinguishing Media: Water fog, foam, carbon dioxide, water spray or dry chemical.
Firefighting Procedures: Firefighters should wear full emergency equipment and an approved positive pressure self-contained breathing apparatus. Cool exposed intact containers with water spray.
Unusual Fire/Explosion Hazards: High temperatures and sunlight may cause a polymerizing reaction to occur. Decomposition may release acrid smoke or fumes.
Known or Anticipated Hazardous Products of Combustion: Acrid fumes, carbon and nitrogen oxides.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Accidental Release Measures: Exposure to sunlight or artificial light will cause the resin to polymerize. Spread the paste to maximize the surface area. Once the material is hard, pick up and place into a container for disposal.

Personal Precautions: Avoid contact with skin, eyes or clothing.

Environmental Precautions: None known.

SECTION 7 HANDLING AND STORAGE

Handling: Avoid contact with the eyes, skin and clothing. Wear protective clothing and equipment as described in Section 8. Use only with adequate ventilation. Wash thoroughly with soap and water after handling. Keep containers closed when not in use.

Empty containers retain product residues can be hazardous. Follow all MSDS precautions when handling empty containers.

Storage: Store in a tightly closed container in a cool, well ventilated location away from incompatible materials (29-90°F). Do not store near high temperatures or ignition sources. Do not store in an oxygen-free environment. Avoid freezing the material.

SECTION 8 EXPOSURE CONTROL/PERSONAL PROTECTION

Occupational Exposure Limits:

<table>
<thead>
<tr>
<th>Material</th>
<th>Exposure Limit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Urethane Methacrylate</td>
<td>None Established</td>
</tr>
<tr>
<td>Stearyl Acrylate</td>
<td>None Established</td>
</tr>
</tbody>
</table>

Engineering Controls: Use with adequate local exhaust ventilation to maintain exposures below the occupational exposure limits or when grinding polymerized (cured) materials.

Personal Protective Equipment:
Eye Protection: Chemical safety glasses should be worn when grinding.
Skin Protection: Wear impervious gloves such as rubber to prevent skin contact.
Respiratory Protection: None needed under normal use conditions. When grinding, polishing or where exposure levels are excessive, a NIOSH approved respirator with dust/mist cartridges or supplied air respirator appropriate for the form and concentration of the contaminants should be used. Selection and use of respiratory equipment must be in accordance with OSHA 1910.134 or other applicable regulations and good industrial hygiene practice.
Other Protective Clothing or Equipment: Impervious clothing as needed to prevent contact. A safety shower and eye wash should be available in the immediate work area.
SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: Baseplate resin is a moldable, translucent pink resin; Setup resin is a firm, opaque pink resin; Contour resin is a wax-like opaque pink resin.
Boiling Point: N/A
Freezing Point: < -40°F (< -40°C)
Solubility in Water: Negligible
Vapor Pressure (mmHg): < 1
Evaporation Rate: Not available
% Volatile by Volume: Negligible
Flammable Limits in Air: 
LEL: N/A
UEL: N/A
Melting Point: N/A
Specific Gravity: 1.1
pH: Not determined
Vapor Density: > 1
Flashpoint: > 356°F (> 180°C)
Autoignition Temperature: Not applicable
Boiling Point: N/A
Specific Gravity: 1.1
pH: Not determined
Vapor Density: > 1
Flashpoint: > 356°F (> 180°C)
Autoignition Temperature: Not applicable

SECTION 10 STABILITY AND REACTIVITY

Stability: Stable
Conditions to Avoid: Material can polymerize if exposed to high temperatures or to direct sunlight.
Incompatibility with Other Materials: Avoid oxidizing agents, reducers, free radical initiators and oxygen-free environments. Avoid excessive heat, flames, ignition sources and direct sunlight.
Hazardous Decomposition Products: Acrid fumes, carbon and nitrogen oxides.

SECTION 11 TOXICOLOGICAL INFORMATION

Potential Health Effects:
Eyes: May cause irritation with redness and tearing.
Skin: May cause irritation. Prolonged contact may cause irritation or dermatitis. May cause allergic skin reaction (sensitization).
Ingestion: May cause gastrointestinal irritation and nausea.
Inhalation: None expected under normal use.
Chronic Health Effects: None expected under normal use.

Carcinogenicity: None of the components of this product are listed as carcinogens by OSHA, IARC or NTP, ACGIH, or the EU Directives.

Medical Conditions Aggravated by Exposure: Individuals with pre-existing skin disorders may be at increased risk from exposure.

Acute Toxicity Data:
Urethane Methacrylate: No data available
Steryl Acrylate: No data available

SECTION 12 ECOLOGICAL INFORMATION

Urethane Methacrylate: No data available
Steryl Acrylate: No data available

SECTION 13 DISPOSAL CONSIDERATIONS

Dispose in accordance with national and local regulations.
SECTION 14 TRANSPORT INFORMATION

DOT Shipping Name: Not Regulated
DOT Hazard Class: N/A
UN Number: N/A
DOT Labels Required (49CFR172.101): N/A

IATA Shipping Name: Not Regulated
IATA Hazard Class: N/A
UN Number: N/A
IATA Hazard Labels Required: N/A

IMDG Shipping Name: Not Regulated
IMDG Class: N/A
UN Number: N/A
IMDG Label: N/A

SECTION 15 REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

CERCLA: Report spills required under federal, state and local regulations.

SARA TITLE III:
Hazard Category For Section 311/312: Acute Health

Section 313 Toxic Chemicals: This product contains the following chemicals subject to Annual Release Reporting Requirements Under SARA Title III, Section 313 (40 CFR 372): None

Section 302 Extremely Hazardous Substances (TPQ): None

EPA Toxic Substances Control Act (TSCA) Status: This product is a medical device and not subject to chemical notification requirements.

U.S. STATE REGULATIONS

California Proposition 65: This product contains the following substances known to the State of California to cause cancer: None

INTERNATIONAL REGULATIONS:

Canadian WHMIS Classification: Class D Division B (Eye and skin irritant, skin sensitizer)

Canadian Environmental Protection Act: This product is a medical device and not subject to chemical notification requirements.

European Community Labeling: Contains Stearyl Acrylate and Urethane Methacrylate

| X | R36/38 Irritating to eyes and skin
   | R43 May cause sensitization by skin contact.
   | S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical attention
   | S24/25 Avoid contact with skin and eyes.
   | S36/37 Wear suitable protective clothing and gloves. | Irritant |
European Inventory of New and Existing Chemicals Substances (EINECS): This product is a medical device and not subject to chemical notification requirements.

Australian Inventory of Chemical Substances: This product is a medical device and not subject to chemical notification requirements.

China Inventory of Existing Chemicals and Chemical Substances: This product is a medical device and not subject to chemical notification requirements.

Japanese Existing and New Chemical Substances: This product is a medical device and not subject to chemical notification requirements.

Korean Existing Chemicals List: This product is a medical device and not subject to chemical notification requirements.

Philippine Inventory of Chemicals and Chemical Substances: This product is a medical device and not subject to chemical notification requirements.

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**SECTION 16 OTHER INFORMATION**

HMIS Hazard Rating:
Health – 2  Fire Hazard – 1  Reactivity – 1

EU Classes and Risk Phrases for Reference (See Sections 2 and 3):
Xi  Irritant
R36/38  Irritating to eyes and skin.
R36/37/38  Irritating to eyes, respiratory system and skin.
R43  May cause sensitization by skin contact.

Revision Summary:
Updated EU label.

Revision Date: 09/12/2010  Supercedes: 09/14/2007