MATERIAL SAFETY DATA SHEET

PRODUCT NAME: NORTHERM
Effective Date: 09/04/07

MEDICAL APPLICATIONS:
Syringes, blood aspirators, kidney dialysis, reaction cells.

1. INGREDIENTS: (% w/w, unless otherwise noted)
   Styrene-acrylonitrile copolymer

   This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200). In addition, other substances not 'Hazardous' per this OSHA Standard may be listed. Where proprietary ingredient shows, the identity may be made available as provided in this standard.

2. PHYSICAL DATA:
   BOILING POINT: Not applic.
   VA p . PR E SS: Not applic.
   VAP. DENSITY: Not applic.
   SOL. IN WATER: Nil
   SP. GRAVITY: 1.06 - 1.09
   APPEARANCE: Solid.
   ODOR: No odor.

3. FIRE AND EXPLOSION HAZARD DATA:
   FLASH POINT: None
   METHOD USED: Not ppl-
   FLAMMABLE LIMITS
   LFL: Not appl.
   UrL: @Jot appl.
   EXTINGUISHING MEDIA: Water fog, foam, alcohol foam, CO2, dry chemical.
   FIRE & EXPLOSION HAZARDS: Not available.
   FIRE-FIGHTING EQUIPMENT: Wear positive-pressure self-contained breathing apparatus.
4. REACTIVITY DATA:
   Stability: (Conditions To Avoid) Temperatures over 572F, 300C will release noxious and combustible gases.
   Incompatibility: (Specific Materials To Avoid) Strong oxidizers.

   HAZARDOUS DECOMPOSITION PRODUCTS: Acrylonitrile, hydrogen cyanide, and nitrogen oxides.

   HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

5. ENVIRONMENTAL AND DISPOSAL INFORMATION:
   ACTION TO TAKE FOR SPILLS/LEAKS: Sweep up and reuse if possible or discard.
   DISPOSAL METHOD: Landfill or burn if adequate facilities are available in accordance with all applicable federal, state and local regulations.

6. HEALTH HAZARD DATA:
   Eye: Solid or dusts may cause irritation or corneal injury due to mechanical action.
   Skin Contact: Mechanical injury only.
   Skin Absorption: Skin absorption is unlikely due to physical properties.
   Ingestion: May be an obstruction if swallowed. Single dose oral toxicity is believed to be low. Considered physiologically inert.
   Inhalation: Vapors are unlikely due to physical properties. Dusts may cause irritation to upper respiratory tract.
   Systemic & Other Effects: No relevant information found.

7. FIRST AID:
   Eyes: Irrigate immediately with water for at least 5 minutes. Mechanical irritation only.
   Skin: No adverse effects anticipated by this route of exposure.
   Ingestion: No adverse effects anticipated by this route of exposure.
   Inhalation: No adverse effects anticipated by this route of exposure.

8. HANDLING PRECAUTIONS:
   Exposure Guideline (s): None Established
   Ventilation: Good general ventilation sufficient for most conditions.
   Respiratory Protection: In dusty atmospheres, use an approved dust respirator.
   Skin Protection: No precautions other than clean body-covering clothing should be needed.
   Eye Protection: Use safety glasses.
Material: FLEXITE M.P.
Code All
Key 898338-0
Date Issued 09-04-07
Dot Hazard Class NON REGULATED

Formula NA Chemical Name or Synonyms: Acrylic Co-Polymer

I - COMPOSITIONAL INFORMATION

Acrylic Polymer
Methyl methacrylate monomer
CAS Reg. No. Nonhaz 80-62-6

Approx Wt% 100 trace

TWZ/TLV R&H OSHA ACCGIH
NE NE NE ppm
50 50 100 ppm

II - PHYSICAL PROPERTY INFORMATION

Appearance - Odor - ph.
Solid pellets; mild odor
Viscosity NA
Melting or Freezing Point 132C/270F min. flow
Boiling point NA
Vapor Pressure (mm Hg) NA
Vapor Density (Air=1) NA
Solubility in Water Negligible
Percent Volatile (By Weight) 0
Specific Gravity (water=1) 1.15-1.19
Evaporation Rate (Butyl Acetate=1) NA
III - FIRE AND EXPLOSION HAZARD INFORMATION
Flash Point: NA
Auto Ignition Temperature: 393°C/740°F
Lower Explosion Limit (%): NA
Upper Explosion Limit (%): NA
Extinguishing Media: CO2, Dry Chemical, and Water Spray

Special Fire Fighting Procedures
Wear respirator (pressure-demand, self-contained breathing apparatus, MSHA/NIOSH-approved or equivalent) and full protective gear.

Unusual Fire and Explosion Hazards
Product is combustible thermoplastic resin. Burns vigorously with intense heat.

IV - HEALTH HAZARD INFORMATION
TWA: See Section I; Stel = 75 ppm for methyl methacrylate monomer

EFFECTS OF OVEREXPOSURE
Inhalation: Monomer vapors from heated product can cause irritation, nausea, headache and dizziness.
Eye Contact: Monomer vapors from heated product can irritate the eyes.

EMERGENCY AND FIRST AID PROCEDURES
Inhalation: Move subject to fresh air.
Eye Contact: Flush eyes with water.

V - REACTIVITY INFORMATION
Stability: stable.
Conditions to Avoid: Temperatures over 260°C/500°F
Hazardous Decomposition Products: Acrylic monomers
Hazardous Polymerization: Will Not Occur
Conditions To Avoid: NA
Incompatibility (materials to avoid): Strong acids, bases, oxidizing agents

VI - SPILL OR LEAK PROCEDURE INFORMATION
Floor may be slippery; use care to avoid falling.

VII - SPECIAL PROTECTION INFORMATION
Ventilation Type: Use normal room ventilation for storage. During processing use exhaust ventilation.
Respiratory Protection: None required for normal operations.
Protective Gloves: Cotton or canvas
Eye Protection: Safety glasses with side shields (ANSI Z87.1 or equivalent)
Other Protective Equipment: Eyewash facility
VIII - STORAGE AND HANDLING INFORMATION
Storage temperature: Max. 93°C/200°F min. NA
Store at ambient temperatures.

IX - TOXICITY INFORMATION
Note: This material is a solid polymer in pellet form and is not hazardous in normal storage and handling; however, all thermoplastic materials release some vapors or gases at high temperatures. Low levels of monomer vapors may be generated when this material is heated during processing.

X - MISCELLANEOUS INFORMATION
Footnote to Section I: NE=None Established

NA= Not Applicable
C= Ceiling Value

Key 898338-0

Date of Issue 09-03-07

Supersedes 03-21-84

THE INFORMATION CONTAINED HEREIN IS BASED ON DATA CONSIDERED ACCURATE. HOWEVER, NO WARRANTY IS EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THESE DATA OR THE RESULTS TO BE OBTAINED FROM THE USE THEREOF.

R.I.S. COMPANY ASSUMES NO RESPONSIBILITY FOR PERSONAL INJURY OR PROPERTY DAMAGE TO VENDEES, USERS OR THIRD PARTIES CAUSED BY THE MATERIAL. SUCH VENDEES OR USERS ASSUME ALL RISKS ASSOCIATED WITH THE USE OF THE MATERIAL.
MATERIAL SAFETY DATA SHEET

PRODUCT NAME: FLEXITE PLUS (FLEXI-PLAST)
CHEMICAL NAME (IF SINGLE SUBSTANCE): N/A
CHEMICAL FAMILY: Polyamide
PRODUCT USE: Thermoplastic resin for partials.

PCODE: A63125
NE- Not Established N/A - Not applicable * - See Misc. (Section IX)

Section I: Ingredients

<table>
<thead>
<tr>
<th>Identity</th>
<th>%</th>
<th>PEL</th>
<th>TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>NYLON</td>
<td>&gt;98</td>
<td>NE</td>
<td>NE</td>
</tr>
<tr>
<td>ADDITIVES</td>
<td>&lt;2</td>
<td>NE</td>
<td>NE</td>
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PEL and TLV values are reported as TWA unless otherwise noted.

Section II: Physical Data

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Boiling Point, C:</td>
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<tr>
<td>Melting Point, C:</td>
<td>188</td>
</tr>
<tr>
<td>Specific Gravity:</td>
<td>1.01</td>
</tr>
<tr>
<td>Vapor Pressure @ 20 C:</td>
<td>N/A</td>
</tr>
<tr>
<td>Evaporation Rate:</td>
<td>N/A</td>
</tr>
<tr>
<td>% Volatiles:</td>
<td>N/A</td>
</tr>
<tr>
<td>Appearance and Odor:</td>
<td>Translucent Pellets</td>
</tr>
<tr>
<td>Solubility in Water:</td>
<td>Negligible</td>
</tr>
</tbody>
</table>

Section III: Fire and Explosion Data

<table>
<thead>
<tr>
<th>Test Method</th>
<th>Temperature</th>
<th>Flammable Limit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash Point</td>
<td>N/A</td>
<td>LEL= N/A</td>
</tr>
<tr>
<td>Autoignition Temperature</td>
<td>N/A</td>
<td>UEL= N/A</td>
</tr>
</tbody>
</table>

Extinguishing Media:
Water spray, carbon dioxide, foam, or dry chemical.
Special Fire Fighting Procedures:
In the event of fire, wear full protective clothing and NIOSH approved self-contained breathing apparatus with full face piece, operated in the positive pressure mode.

Section III - Fire and Explosion Data (cont.)

Hazardous Combustion Products:
Irritating and/or toxic gases due to decomposition of the product may be generated during a fire.

Section IV - Reactivity Data

Stability: Compound is stable
Conditions to Avoid: Heating above 340C
Incompatibility (Materials to avoid): Acids and strong oxidizing agents
Hazardous Polymerization: Does not occur
Hazardous Decomposition Products: Oxides of carbon and nitrogen.

Section V - Environment Information

Spill Response: Sweep "inert" organic pellets, and dispose of properly. Avoid the generation of dust in the area.

Recommended Disposal: Dispose of as solid waste observing all local, state, and federal regulations.

Section VI - Health Hazard Data

PRIMARY ROUTES OF ENTRY:
No- Eye Yes-Skin No-Ingestion Yes-Inhalation

Eye Contact: Dust or vapors that contact the eye may be irritating or cause mechanical injury.
Skin Contact: Molen material will produce thermal burns.

Ingestion: It is reasonable to anticipate ingestion of pellets would be irritating to the GI tract.
Inhalation: Dust or vapors may be irritating to the respiratory tract and cause coughing or sneezing.
Chronic Toxicity: No effects from chronic exposure are known.
Section VI - Health Hazard Data (continued)
Medical Conditions Prone to Aggravation By Exposure:
As with any organic compound that is heated to vaporization, exposure may aggravate pre-existing conditions such as colds, allergies, asthma, emphysema and psoriasis.

Carcinogenicity: No- NTP       No-IARC

Section VII - First Aid Measures

Eyes: Immediately flush eyes with flowing water for at least 15 minutes. See a physician if the irritation persists.

Skin: No harmful effects are anticipated. Wash thoroughly with soap and water. See a physician if the irritation persists.

Ingestion: No harmful effects are anticipated if the powder is swallowed. See a physician if the irritation persists.

Inhalation: No harmful effects are anticipated from breathing dust or a low concentration of vapors. If a problem develops, remove the person to the fresh air and supply oxygen if necessary.

Section VIII - Special Protection Information

Ventilation: Provide local exhaust ventilation where heat can cause polymer breakdown, e.g. extrusion, molding and where there is a need to draw dusts and fumes from worker breathing zones. The following publication offers ventilation guidelines and techniques: "INDUSTRIAL VENTILATION, A MANUAL OF RECOMMENDED PRACTICE." available from ACGIH.

Respiratory Protection: For conditions where exposure to dust and fumes is apparent, a NIOSH approved respirator for dust mists and fumes appropriate to the airborne concentration may be worn. Where vapors are generated, a NIOSH approved organic respirator suitable to the airborne concentrations is recommended.

Eye and Face Protection: Safety glasses with side shields are recommended for any type of handling. Dust-tight goggles are recommended for dusty operations of areas where vapors accumulate.

Other Clothing and Equipment: Wear clean body covering and gloves impervious to dust or vapor to minimize skin contact.
Storage and Handling: Keep dry and away from acids and strong oxidizing agents.

SECTION IX - Miscellaneous

HMIS: Health - 1 Fire- 0 Reactivity - 0 Protection - B

DOT Proper Shipping Name: Synthetic Resin, flakes, powders
DOT Hazard Class: N/A
DOT Label: N/A
DOT ID#: 156200

The following ingredients, additives, contain ingredients which are considered hazardous and are present in quantities less than the 1% threshold of the OSHA Hazard Communication Standard and the PA Community Right to Know legislation. The additives also contain ingredients which are considered non-hazardous and are present in quantities less than the 3% threshold of the Pa Community Right to Know legislation. The hazard determination was made in accordance with 29 CFR 1910.1200 (d) (3&4).

SARA Hazard Classification
Immediate (Acute) Health: yes
Delayed (Chronic) Health: no
Sudden Release of Pressure: no
Reactive: no
Fire: no

TSCA Inventory Status: All ingredients of this product are listed on the TSCA Inventory.

SARA Title III, Section 302: This product does not contain any chemicals currently on the Extremely Hazardous Substance List, Section 302, SARA Title III.

SARA Title III, Section 313: This product does not contain any chemicals currently on the Toxic Chemical List, Section 313, SARA Title III.

California Proposition 65: This product does not contain any chemicals currently on the California List of known Carcinogens and Reproductive Toxins.

Pennsylvania Right-to-Know
Hazardous Substance List: This product does not contain any chemicals currently on the Pennsylvania Hazardous Substance List.

Environmental Hazardous Substance List: This product does not contain any chemicals currently on the Pennsylvania Environmental Hazardous Substance List.
Hazardous Substance List: This product does not contain any chemicals currently on the Pennsylvania Special Hazardous Substance List.

WHMIS Classification: Not Controlled.
Prepared by the Safety & Environmental Affairs Committee

Issued 09/04/07 REV: 0

The information set forth herein has been gathered from standard reference materials and test data and is the best knowledge and belief of Rapid Injection Systems Corp to be accurate and reliable. Such information is offered solely for your consideration, investigation and verification, and it is not suggested or guaranteed that the hazard precautions or procedures mentioned are the only ones which exist. Rapid Injection Systems Corp. makes no warranties, expressed or implied, with respect to the use of such information or the use of the specific material identified herein in combination with any other material or process, and assumes no responsibility therefore.
MATERIAL SAFETY DATA SHEET

PRODUCT NAME: FLEXITE SUPREME

PRODUCT USE: Thermoplastic resin for partials.

PCODE:
NE- Not Established       N/A - Not applicable       * - See Misc.   (Section IX)

Section I: Ingredients
Chemical Family: Co-Polyamide

Section II: Physical Data

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point, C</td>
<td>N/A</td>
</tr>
<tr>
<td>Melting Point , C</td>
<td>200</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.04</td>
</tr>
<tr>
<td>Vapor Pressure @ 20 C</td>
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</tr>
<tr>
<td>Vapor Density</td>
<td>N/A</td>
</tr>
<tr>
<td>(Air=1)</td>
<td>(Butyl acetate=1)</td>
</tr>
<tr>
<td>% Volatiles</td>
<td>N/A</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>Negligible</td>
</tr>
<tr>
<td>Appearance and Color</td>
<td>Translucent Pellets</td>
</tr>
</tbody>
</table>

Section III: Fire and Explosion Data

Flash Point : NA

Extinguishing Media:
Water spray, carbon dioxide, foam, or dry chemical.

Special Fire Fighting Procedures:
In the event of fire, wear full protective clothing and NIOSH approved self-contained breathing apparatus with full face piece, operated in the positive pressure mode.
Section III - Fire and Explosion Data (cont.)

Hazardous Combustion Products:
Irritating and/or toxic gases due to decomposition of the product may be generated during a fire.

Section IV - Health Hazard Data:
Threshold Limit Value: No established value. Product is inert.
Effect of Overexposure: Not Applicable
Primary Routes of Entry: Skin contact
Emergency and First Aid Procedures: Should molten material contact skin during processing, cool affected area with water and exclude air. Treat for burn.

Section V - Reactivity Data
Stability: Compound is stable
Conditions to Avoid: Heating above 600 F
Incompatibility (Materials to avoid): Acids and strong oxidizing agents
Hazardous Polymerization: Does not occur
Hazardous Decomposition Products: Oxides of carbon and nitrogen.

Section VI - Environment Information
Spill Response: Sweep "inert" organic pellets, and dispose of properly. Avoid the generation of dust in the area.
Recommended Disposal: Dispose of as solid waste observing all local, state, and federal regulations.

Section VII - Health Hazard Data
PRIMARY ROUTES OF ENTRY:
No- Eye Yes-Skin No-Ingestion Yes-Inhalation

Eye Contact: Dust or vapors that contact the eye may be irritating or cause mechanical injury.
Skin Contact: Molten material will produce thermal burns.
Ingestion: It is reasonable to anticipate ingestion of pellets would be irritating to the GI tract.
Inhalation: Dust or vapors may be irritating to the respiratory tract and cause coughing or sneezing. Chronic Toxicity: No effects from chronic exposure are known.
Section VIII - Health Hazard Data (continued)

Medical Conditions Prone to Aggravation By Exposure:
As with any organic compound that is heated to vaporization, exposure may aggravate pre-existing conditions such as colds, allergies, asthma, emphysema and psoriasis.

Carcinogenicity: No- NTP No-IARC

Section IX - First Aid Measures

Eyes: Immediately flush eyes with flowing water for at least 15 minutes. See a physician if the irritation persists.

Skin: No harmful effects are anticipated. Wash thoroughly with soap and water. See a physician if the irritation persists.

Ingestion: No harmful effects are anticipated if the powder is swallowed. See a physician if the irritation persists.

Inhalation: No harmful effects are anticipated from breathing dust or a low concentration of vapors. If a problem develops, remove the person to the fresh air and supply oxygen if necessary.

Section X - Special Protection Information

Ventilation: Provide local exhaust ventilation where heat can cause polymer breakdown, e.g. extrusion, molding and where there is a need to draw dusts and fumes from worker breathing zones. The following publication offers ventilation guidelines and techniques: "INDUSTRIAL VENTILATION, A MANUAL OF RECOMMENDED PRACTICE." available from ACGIH.

Respiratory Protection: For conditions where exposure to dust and fumes is apparent, a NIOSH approved respirator for dust mists and fumes appropriate to the airborne concentration may be worn. Where vapors are generated, a NIOSH approved organic respirator suitable to the airborne concentrations is recommended.

Eye and Face Protection: Safety glasses with side shields are recommended for any type of handling. Dust-tight goggles are recommended for dusty operations of areas where vapors accumulate.

Other Clothing and Equipment: Wear clean body covering and gloves impervious to dust
or vapor to minimize skin contact.

**Storage and Handling:** Keep dry and away from acids and strong oxidizing agents.

**SECTION XI - Miscellaneous**

**HMIS:**
- Health: 1
- Fire: 0
- Reactivity: 0
- Protection: B

**DOT Proper Shipping Name:** Synthetic Resin, flakes, powders
**DOT Hazard Class:** N/A
**DOT Label:** N/A
**DOT ID#:** 156200

The following ingredients, additives, contain ingredients which are considered hazardous and are present in quantities less than the 1% threshold of the OSHA Hazard Communication Standard and the PA Community Right to Know legislation. The additives also contain ingredients which are considered non-hazardous and are present in quantities less than the 3% threshold of the Pa Community Right to Know legislation. The hazard determination was made in accordance with 29 CFR 1910.1200 (d) (3&4).

**SARA Hazard Classification**
- Immediate (Acute) Health: yes
- Delayed (Chronic) Health: no
- Sudden Release of Pressure: no
- Reactive: no
- Fire: no

**TSCA Inventory Status:** All ingredients of this product are listed on the TSCA Inventory.

**SARA Title III, Section 302:** This product does not contain any chemicals currently on the Extremely Hazardous Substance List, Section 302, SARA Title III.

**SARA Title III, Section 313:** This product does not contain any chemicals currently on the Toxic Chemical List, Section 313, SARA Title III.

**California Proposition 65:** This product does not contain any chemicals currently on the California List of known Carcinogens and Reproductive Toxins.

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- Hazardous Substance List: This product does not contain any chemicals currently on the Pennsylvania Hazardous Substance List.

**Environmental Hazardous Substance List:** This product does not contain any chemicals currently on the Pennsylvania Environmental Hazardous Substance List.
Hazardous Substance List: This product does not contain any chemicals currently on the Pennsylvania Special Hazardous Substance List.

WHMIS Classification: Not Controlled.
Prepared by the Safety & Environmental Affairs Committee

Issued 09/04/07  REV: 0
Supersedes: 10/30/90

The information set forth herein has been gathered from standard reference materials and test data and is the best knowledge and belief of Rapid Injection Systems Corp to be accurate and reliable. Such information is offered solely for your consideration, investigation and verification, and it is not suggested or guaranteed that the hazard precautions or procedures mentioned are the only ones which exist. Rapid Injection Systems Corp. makes no warranties, expressed or implied, with respect to the use of such information or the use of the specific material identified herein in combination with any other material or process, and assumes no responsibility therefore.
Material Safety Data Sheet  Flexite 540 (Co-Polyamide)  9-04-2007

Section I: Supplier
The Flexite Company  Phone: (516) 746-2622
Division of Rapid Injection Systems Corp.  Fax: (516) 741-8147
40 Roselle Street  Email: Flexite@aol.com
Mineola, NY 11501  Website: www.Flexitecompany.com

Section II: Physical Data
Boiling Point: N/A  Specific Gravity (Water = 1) 1.01
Vapor Pressure: N/A  % Volatile by Volume: Max. 0.1 (water)
Evaporation Rate: N/A  Material Form: Solid
Solubility in Water: Insoluble  % Solid by Weight: 99.9
Appearance and Color: Clear, Odorless granules.

Section III: Fire and Explosion Hazard Data
FlashPoint: >400 Degree Celsius  NFPA Ratings:
Special Fire Fighting Procedures: None  Health - 1
Unusual Fire and Explosion Hazards: None  Flammability - 1
Extinguishing Media: Any cooling or oxygen excluding method  Reactivity - 0

Section IV: Health Hazard Data
Threshold Limit Value: No established Value, Product is inert.
Effects of Overexposure: N/A
Primary Routes of Entry: Skin contact, inhalation of fumes
Emergency & First Aid Procedures:
  Skin Contact - Should molten material contact skin during processing, cool affected area with water and exclude air. Treat for burn.
  Inhalation - If problems arise due to excessive fuming, remove subject to fresh air.
HMIS Rating: Health - 1 Flammability - 1; Reactivity - 0; PPE-B

Section V: Reactivity Data
Stability: Stable
Incompatibility (materials to avoid): Strong oxidizing Agents
Conditions to Avoid: Temperatures above 600 degrees Fahrenheit (315 Degrees Celsius)
Hazardous Decomposition Products: Potential decomposition gases have not been fully determined. Complete thermal decomposition may generate very small amounts of CO, CO₂, and water vapor plus trace amounts of HCN and oxides of nitrogen.
Section VI: Spill or Leak Procedures
Clean Up: Sweep up and deposit in dry waste container to avoid loose granules causing possible loss of footing.
Waste Disposal Method: Not critical - treat as conventional solid waste in accordance with local, state and federal regulations.

Section VII: Special Protection Information
Respiratory Protection: Not required.
Local Exhaust: Provide exhaust processing machinery in common with accepted practice.
Protective Gloves: Recommended during processing to avoid thermal burns from molten material or hot molded or extruded end products.
Eye-Protection: Use of eye protection during processing is recommended in accordance with accepted industry safety precautions.

Section VIII: Special Precautions
Storing: Hygroscopic material- keep dry in closed container or sealed bags. Excessive moisture will result in degradation during processing.

This Material Safety Data Sheet (MSDS) is presented in good faith, based on currently available information, and is accurate to the best of our knowledge. The user is solely responsible for 1) following all instructions, recommendations and directions; 2) deciding whether this product or the information about this product is suitable for its use; 3) providing this MSDS and all other information about this product to any subsequent users; 4) meeting all applicable health and safety standards and regulations; and 5) ensuring that no patent infringement occurs.

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THE FLEXITE COMPANY
INJECTION MACHINES AND THERMOPLASTICS FOR DENTAL TECHNOLOGY
40 ROSELLE STREET, MINEOLA, NY 11501
Tel: (516) 746-2622 Fax: (516) 741-8147
Website: www.Flexitecompany.com

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: FLEXITE GUARD THERMOPLASTIC RUBBER

CHEMICAL NAME: STYRENE-ETHYLENE/BUTYLENE-STYRENE BLOCK COPOLYMER

CHEMICAL FAMILY: BLOCK COPOLYMER

ACUTE HEALTH RATING: 0          FIRE RATING: 1          REACTIVITY : 0

HAZARD RATING: LEAST=0, SLIGHT=1, MODERATE=2, HIGH=3, EXTREME=4

-------------------------------------------------------------------------------------------------------------
---
SECTION II                                  ACUTE TOXICITY DATA
-------------------------------------------------------------------------------------------------------------
---
NO.  ACUTE ORAL LD50                     ACUTE DERMAL LD50                   ACUTE INHALATION LC50
-------------------------------------------------------------------------------------------------------------
---
P NOT APPLICABLE
-------------------------------------------------------------------------------------------------------------
---
SECTION III                                 HEALTH INFORMATION
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---


EYE CONTACT
BASED ON THE PRESENCE OF COMPONENT 5, PRODUCT MAY CAUSE MILD MECHANICAL IRRITATION TO THE EYES.

SKIN CONTACT
BASED ON THE PRESENCE OF COMPONENT 5, PRODUCT IS PRESUMED TO BE MINIMALLY IRRITATING TO THE SKIN.

INHALATION
BASED ON THE PRESENCE OF COMPONENT 5, PRODUCT MAY CAUSE MILD MECHANICAL IRRITATION TO THE NOSE, THROAT AND RESPIRATORY TRACT.

PRODUCT NAME: FLEXITE GUARD

INGESTION
PRODUCT IS GENERALLY CONSIDERED TO HAVE A LOW ORDER OF ACUTE ORAL TOXICITY.

SIGNS AND SYMPTOMS
IRRITATION IS NOTED ABOVE.

AGGRAVATED MEDICAL CONDITIONS
PREEXISTING EYE, SKIN AND RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

SECTION IV OCCUPATIONAL EXPOSURE LIMITS

<table>
<thead>
<tr>
<th>NO.</th>
<th>OSHA PEL/TWA</th>
<th>PEL/CEILING</th>
<th>ACGIH TLV/TWA</th>
<th>OTHER TLV/STEL</th>
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<tbody>
<tr>
<td>5</td>
<td>5 MG/M3*</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
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<td></td>
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<td>10 MG/M3**</td>
<td></td>
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<td>7</td>
<td>5 MG/M3*</td>
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</table>

* RESPIRABLE DUST  ** TOTAL DUST

SECTION V EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT
FLUSH EYES WITH WATER. IF IRRITATION OCCURS, GET MEDICAL ATTENTION.

SKIN CONTACT
IF CONTACT WITH MOLTEN PRODUCT OCCURS, TREAT AS FOR ORDINARY BURNS.

INHALATION
NOT ORDINARILY REQUIRED: REMOVE PERSON FROM DUSTY ENVIRONMENT.

INGESTION
NOT ORDINARILY REQUIRED.

SECTION VI SUPPLEMENTAL HEALTH INFORMATION
ALL EVIDENCE INDICATES THAT LARGE POLYMER MOLECULES ARE NOT BIOLOGICALLY ACTIVE.

PRODUCT NAME: FLEXITE GUARD

SECTION VII  PHYSICAL DATA

- **BOILING POINT:** NOT APPLICABLE
  - (DEG F)
- **SPECIFIC GRAVITY:** <1
  - (H2O=1)
- **VAPOR PRESSURE:** NOT APPLICABLE
  - (MM HG)
- **MELTING POINT:** NOT APPLICABLE
  - (DEG F)
- **SOLUBILITY:** NEGLIGIBLE
  - (IN WATER)
- **VAPOR DENSITY:** NOT APPLICABLE
  - (AIR=1)
- **EVAPORATION RATE (N-BUTYL ACETATE = 1):** NOT APPLICABLE

APPEARANCE AND ODOR:
SOLID, ESSENTIALLY ODORLESS.

FLASH POINT AND METHOD:
- NOT APPLICABLE

FLAMMABLE LIMITS /% VOLUME IN AIR
- LOWER: N/APL
- UPPER: N/APL

EXTINGUISHING MEDIA
USE WATER FOG, FOAM, DRY CHEMICAL OR CO2.

SPECIAL FIRE FIGHTING PROCEDURES AND PRECAUTIONS
MATERIAL WILL NOT BURN UNLESS PREHEATED. DO NOT ENTER CONFINED FIRE SPACE WITHOUT FULL BUNKER GEAR (HELMET WITH FACE SHIELD, BUNKER COATS, GLOVES AND RUBBER BOOTS), INCLUDING A POSITIVE PRESSURE NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER.

SECTION IX  REACTIVITY

STABILITY: STABLE
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

CONDITIONS AND MATERIAL TO AVOID:
AVOID CONTACT WITH STRONG OXIDIZING AGENTS.

HAZARDOUS DECOMPOSITION PRODUCTS
AT PROCESSING TEMPERATURES, SOME DEGREE OF THERMAL DEGRADATION WILL OCCUR. ALTHOUGH HIGHLY DEPENDENT ON TEMPERATURE AND ENVIRONMENTAL CONDITIONS, A VARIETY OF DECOMPOSITION PRODUCTS MAY BE PRESENT RANGING FROM SIMPLE HYDROCARBONS (SUCH AS METHANE AND PROPAINE) TO TOXIC/IRRITATING GASES (CARBON MONOXIDE AND DIOXIDE, ACROLEIN, ACIDS, KEYTONES, ALDEHYDES). SEE SPECIAL PRECAUTIONS.
SECTION X  EMPLOYEE PROTECTION

RESPIRATORY PROTECTION
USE A HIOSH-APPROVED RESPIRATOR AS REQUIRED TO PREVENT OVEREXPOSURE. IN ACCORD WITH 20 CFR 1910.134, USE EITHER AN ATMOSPHERE-SUPPLYING RESPIRATOR OR AN AIR-PURIFYING RESPIRATOR FOR PARTICULATES.

PRODUCT NAME: FLEXITE GUARD  PAGE 4

PROTECTIVE CLOTHING
SAFETY GLASSES AND PROTECTIVE CLOTHING SHOULD BE WORN WHEN PRODUCT IS HEATED IN PROCESSING.

ADDITIONAL PROTECTIVE MEASURES
VENTILATION AS REQUIRED TO CONTROL DUST CONCENTRATION IN AIR. ADEQUATE VENTILATION AND/OR ENGINEERING CONTROLS ARE REQUIRED WHEN PRODUCT IS HEATED IN PROCESSING.

SECTION XI  ENVIRONMENTAL PROTECTION

SPILL OR LEAK PROCEDURES
SHOVEL AND SWEEP UP OR USE INDUSTRIAL VACUUM CLEANER. AVOID GENERATING DUST CLOUDS. PUT INTO CONTAINERS FOR RECLAIMING OR DISPOSAL.

SECTION XII  SPECIAL PRECAUTIONS

FLEXITE PRO-GUARD RUBBER HAS A TENDENCY TO ACCUMULATE STATIC CHARGE DURING TRANSPORT, HANDLING AND PROCESSING. REDUCING THE VELOCITY OF TRANSPORT WILL REDUCE CHARGING. STATIC CHARGE BUILDUP CAN BE A POTENTIAL FIRE HAZARD WHEN USED IN PRESENCE OF VOLATILE OR FLAMMABLE MIXTURES.

PRACTICE GOOD HOUSEKEEPING. DO NOT ALLOW PRODUCT TO ACCUMULATE IN PROCESSING AREA.

IN PROCESSING, DO NOT ALLOW THE TEMPERATURE TO EXCEED 550 DEG F. MAINTAIN A FIRE WATCH IF 550 DEG F IS REACHED.

AVOID VAPORS FROM HEATED PRODUCTS. ADEQUATE VENTILATION AND/OR ENGINEERING CONTROLS MUST BE EMPLOYED IN HIGH TEMPERATURE PROCESSING TO PREVENT EXPOSURE TO POTENTIALLY TOXIC/IRRITATING FUMES.

SECTION XIII  TRANSPORTATION REQUIREMENTS

DEPARTMENT OF TRANSPORTATION CLASSIFICATION:
NOT HAZARDOUS BY D.O.T. REGULATIONS

SECTION XIV OTHER REGULATORY CONTROLS

THE COMPONENTS OF THIS PRODUCT ARE LISTED ON THE EPA/TSCA INVENTORY OF CHEMICAL SUBSTANCES.

PROTECTION OF STRATOSPHERIC OZONE (PURSUANT TO SECTION 611 OF THE CLEAN AIR ACT AMENDMENTS OF 1990): PER 40 CFR PART 82. THIS PRODUCT DOES NOT CONTAIN NOR WAS IT DIRECTLY MANUFACTURED WITH ANY CLASS I OR LCASS II OZONE DEPLETING SUBSTANCES.

PRODUCT NAME: FLEXITE GUARD PAGE 5

IN ACCORDANCE WITH SARA TITLE III, SECTION 313, THE ENVIRONMENTAL DATA SHEET (EDS) SHOULD ALWAYS BE COPIED AND SENT WITH THE MSDS.

SECTION XV STATE REGULATORY INFORMATION

BASED ON INFORMATION AVAILABLE TO R.I.S. CORP, THIS PRODUCT DOES NOT CONTAIN ANY CHEMICAL SUBSTANCE REGULATED BY A SPECIFIC STATE LIST.

SECTION XVI SPECIAL NOTES

THE INFORMATION CONTAINED HEREIN IS BASED ON THE DATA AVAILABLE TO US AND IS BELIEVED TO BE CORRECT. HOWEVER, R.I.S. MAKES NO WARRANTY, EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THESE DATA OR THE RESULTS TO BE OBTAINED FROM THE USE THEREOF. R.I.S. CORPORATION ASSUMES NO RESPONSIBILITY FOR INJURY FROM THE USE OF THE PRODUCT DESCRIBED HEREIN.

DATE PREPARED: SEPTEMBER 4, 2007
I - PRODUCT IDENTIFICATION:

PRODUCT IDENTIFICATION: SILICONE RUBBER
CHEMICAL FAMILY: SILICONE RUBBER
FORMULA: MIXTURE

II - PRODUCT COMPONENTS:

<table>
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<tr>
<th>PRODUCT COMPOSITION</th>
<th>APPROX. %</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>CAS REG NO</th>
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<tr>
<td>A. HAZARDOUS</td>
<td>&lt; 10%</td>
<td>10</td>
<td>---</td>
<td>PPM 4253-34-3*</td>
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<tr>
<td>METHYLTRIACETOXYLSILANE</td>
<td></td>
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</table>

B. NON-HAZARDOUS

III - PHYSICAL DATA:

PRODUCT INFORMATION
BOILING POINT: NA (F) NA (C) % VOLATILE BY VOLUME: <5
VAPOR PRESSURE (20 C): NA MM HG EVAPORATION RATE: <1
VAPOR DENSITY (AIR=1): NA (BUTYL ACETATE=1)
FREEZING POINT : NA (F) NA (C) SPECIFIC GRAVITY : 1.1
MELTING POINT : NA (F) NA (C) (WATER=1)
PHYSICAL STATE : PASTE DENSITY : UNKN KG/M3
ODOR : ACETIC ACID ACIDITY/ALKALINITY : NA MEG/G
COLOR : TRANSLUCENT PH : NA
SOLUBILITY IN WATER(20 C) : INSOLUBLE
SOLUBILITY IN ORGANIC SOLVENT: UNKN (STATE SOLVENT)

IV - FIRE AND EXPLOSION DATA:

FLASH POINT: 210 (F) 98.9 (C) BY PMCC. IGNITION TEMP: UNKN (F) UNK (C)
FLAMMABLE LIMITS IN AIR (%): LOWER UNKN UPPER UNKN
EXTINGUISHING MEDIA: ALL STANDARD FIREFIGHTING MEDIA
SPECIAL FIREFIGHTING PROCEDURES: NONE KNOWN

V - REACTIVITY DATA:

STABILITY: X STABLE
HAZARDOUS: POLYMERIZATION WILL NOT OCCUR
HAZARDOUS DECOMPOSITION PRODUCTS: SILICON DIOXIDE & ACETIC ACID.
INCOMPATIBILITY (MATERIALS TO AVOID): NONE KNOWN.
CONDITIONS TO AVOID: NONE KNOWN.

VI - HEALTH HAZARD DATA:
ACUTE SIGNS / EFFECTS OF EXPOSURE:

INGESTION: MAY CAUSE STOMACH DISCOMFORT
SKIN CONTACT: UNCURED PRODUCT CONTACT WILL IRRITATE LIPS, GUMS AND TONGUE.
UNCURED PRODUCT CONTACT MAY IRRITATE THE SKIN.
INHALATION: CAUSES MODERATE RESPIRATORY IRRITATION.
CAUSES IRRITATION OF THE MOUTH NOSE, AND THROAT.
APPLIES ONLY IN UNCURED STATE.
EYE CONTACT: UNCURED PRODUCT CONTACT IRRITATES EYES.
MEDICAL CONDITIONS AGGRAVATED: NONE KNOWN.
OTHER: NONE KNOWN.
CHRONIC EFFECTS OF EXPOSITION: NONE KNOWN.
EMERGENCY AND FIRST AID PROCEDURES:

INGESTION: NONE KNOWN

SKIN: TO CLEAN FROM SKIN, REMOVE COMPLETELY WITH A DRY CLOTH OR PAPER TOWEL, BEFORE WASHING WITH DETERGENT AND WATER.

INHALATION: MOVE PERSON TO FRESH AIR.

EYES: IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES AND GET MEDICAL ATTENTION IF IRRITATION PERSISTS.

THE FLEXITE COMPANY
INJECTION MACHINES AND THERMOPLASTICS FOR DENTAL TECHNOLOGY
40 ROSELLE STREET, MINEOLA, NY 11501
Tel: (516) 746-2622 Fax: (516) 741-8147
Website: www.Flexitecompany.com

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: FLEXITE ULTRA

HAZARDOUS INGREDIENTS:
This product is considered an "ARTICLE" under the guidelines of the Federal OSHA Hazard Communication Standard, 29 CFR, Part 1910.1200, therefore, this product is not under the jurisdication of the 29 CRF, Part 1910 Standard.

1. INGREDIENTS:
   Chemical Name: Polyamide
   Chemical Family: Polyamide

2. PHYSICAL DATA:
   BOILING POINT: None
   VAPOR PRESSURE: None
   VAPOR DENSITY (AIR=1): N/A
   SOLUBILITY IN WATER: Insoluble
   APPEARANCE AND COLOR: Clear, odorless granules, approx. 1/8" cubes
   THE MATERIAL IS: Solid pellets
   SPECIFIC GRAVITY (WATER=1) 1.06
   % VOLATILE BY VOLUME (WATER): Max 0.1%
   EVAPORATION RATE: N/A
   % SOLID BY WEIGHT: 99.9%
3. FIRE AND EXPLOSION HAZARD DATA:
   FLASH POINT: N/A
   EXTINGUISHING MEDIA: Water, dry chemical, foam, CO2
   SPECIAL FIRE FIGHTING PROCEDURES: None
   UNUSUAL FIRE AND EXPLOSION HAZARDS: None

4. HEALTH HAZARD DATA:
   Threshold Limit Value: No established value. Product is inert.
   Effects of Overexposure: Not applicable
   Primary Routes of Entry: Skin contact
   Emergency and First Aid Procedures: Should molten material contact skin during processing, cool affected area with water and exclude air. Treat for burn.

5. REACTIVITY DATA:
   Stability: Stable
   Conditions To Avoid: Temperatures above 600 degrees F
   Incompatibility (material to avoid): Strong oxidizing agents
   Hazardous Decomposition Products: None to our knowledge
   Hazardous Polymerization: Will not occur

6. SPILL OR LEAK PROCEDURES:
   Clean Up: Sweep up and deposit in dry waste container to avoid loose granules causing possible loss of footing.
   Waste Disposal Method: Not critical --treat as conventional solid waste in accordance with local, state and federal regulations.

7. SPECIAL PROTECTION INFORMATION:
   Respiratory Protection: Not required
   Local Exhaust: Provide exhaust over processing machinery in common with accepted practice.
   Protective Gloves: Recommended during processing.
   Eye Protection: Use of eye protection during processing is recommended in accordance with accepted industry safety procedures.
8. SPECIAL PRECAUTIONS:  
Storing: Hygroscopic material -- keep dry in closed container or sealed bags.

9. TSCA  
ALL INGREDIENTS USED TO PRODUCE THE ABOVE MATERIAL ARE LISTED IN THE TSCA INVENTORY AS REQUIRED BY FEDERAL LAW.