Safety Data Sheet

Section 1. IDENTIFICATION

Product Identifier

Product Name: FasSeal ATS®.

Other means of Identification

Product Code: AS05, AS25

Recommended Use: Anaerobic Sealant with P.T.F.E..

Recommended Restrictions: None Known.

Manufacturer

Company Name: Federal Process Corporation
Address: 4520 Richmond Road
          Cleveland OH 44128
Telephone: 1-800-846-7325

Emergency Telephone Number: Call Chemtrec at 1-800-424-9300

Section 2. HAZARDS IDENTIFICATION

PHYSICAL STATE: Paste like.

Classification:

<table>
<thead>
<tr>
<th>Classification</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Serious eye damage/eye irritation</td>
<td>2A</td>
</tr>
<tr>
<td>Skin sensitization</td>
<td>1</td>
</tr>
<tr>
<td>Skin irritation</td>
<td>2</td>
</tr>
<tr>
<td>Specific Target Organ</td>
<td>3</td>
</tr>
</tbody>
</table>

Signal Word: Warning

Hazard Statements:

H319 - Causes serious eye irritation.
H317 - May cause an allergic skin reaction
H336 – May cause drowsiness or dizziness.

Precautionary Statements:

Prevention: P272 - Contaminated clothing should not be allowed out of the workplace.
FasSeal ATS®.

P260 – Do not breathe mist/vapours/spray.
P270 – Do not eat, drink or smoke when using this product.
P262 – Do not get in eyes, on skin, or on clothing.
P264 – Wash thoroughly after handling.
P271 - Use only outdoors or in a well ventilated area.
P280 – Wear protective gloves, eye and face protection.
P102 – Keep out of reach of children.

Response:

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 - If eye irritation persists: Get medical advice/attention.
P332 + P313 - If skin irritation or rash occurs: Get medical advice/attention.
P304 + P340 – IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Disposal:

P501 - Dispose of contents/container to an approved waste disposal plant.

Other Hazards:

Toxic to aquatic life with long lasting effects.

Unknown Acute Toxicity:

2% of the mixture consists of ingredient(s) of unknown toxicity.

### Section 3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS Number</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polyglycol dimethacrylate</td>
<td>25852-47-5</td>
<td>20-40</td>
</tr>
<tr>
<td>Polymeric plasticizer</td>
<td>25103-87-1</td>
<td>20-30</td>
</tr>
<tr>
<td>Fumed silica</td>
<td>112945-52-5</td>
<td>1-5</td>
</tr>
<tr>
<td>Polyethylene</td>
<td>9002-84-0</td>
<td>5-10</td>
</tr>
<tr>
<td>Polytetrafluoroethylene</td>
<td>9002-84-0</td>
<td>5-10</td>
</tr>
<tr>
<td>Titanium dioxide</td>
<td>13463-67-7</td>
<td>1-5</td>
</tr>
<tr>
<td>Cumene Hydroperoxide</td>
<td>80-15-9</td>
<td>1-4</td>
</tr>
</tbody>
</table>

### Section 4. FIRST AID MEASURES

First Aid Measures:

Eye Contact

Rinse thoroughly with plenty of water, for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention.

Skin Contact

If skin irritation occurs, rinse affected area with water. If skin irritation or rash occurs: Get medical advice/attention.
Inhalation

Remove to fresh air.

Ingestion

Rinse mouth with water. Do not induce vomiting. Get medical attention if symptoms occur.

Most Important Symptoms and effects:

Indication of any Immediate Medical Attention and Special Treatment:

Notes to Physician
Treat symptomatically.

Section 5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media:
Not determined.

Specific Hazards Arising from the Chemical:
Non-flammable solution.

Protective Equipment and Precautions for Firefighters:
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Section 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:

Personal Precautions:
Use personal protective equipment as required. Keep unnecessary personnel away.

Methods and Material for Containment and Cleaning Up:

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

Methods for Clean-Up:
Keep in suitable, closed containers for disposal.

Section 7. HANDLING AND STORAGE
Precautions for Safe Handling:

Advice on Safe Handling: Avoid breathing vapors or mists. Contaminated work-clothing should not be allowed out of the workplace.

Conditions for Safe Storage, including Any Incompatibilities:

Storage Conditions: Keep containers tightly closed in a dry, well-ventilated place. Store below 90F (32C).

Incompatible Materials: None known based on information supplied.

Section 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<table>
<thead>
<tr>
<th>Material</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>OTHER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polyglycol dimethacrylate</td>
<td>NONE</td>
<td>NONE</td>
<td>NONE</td>
</tr>
<tr>
<td>Polymeric plasticizer</td>
<td>NONE</td>
<td>NONE</td>
<td>NONE</td>
</tr>
<tr>
<td>Fumed silica</td>
<td>10mgm/m3 TWA</td>
<td>6mgm/m3 TWA</td>
<td>3mgm/m3, dust</td>
</tr>
<tr>
<td>Polyethylene</td>
<td>NONE</td>
<td>NONE</td>
<td>NONE</td>
</tr>
<tr>
<td>Polytetrafluoroethylene</td>
<td>NONE</td>
<td>NONE</td>
<td>10mgm/m3, dust</td>
</tr>
<tr>
<td>Cumene hydroperoxide</td>
<td>NONE</td>
<td>NONE</td>
<td>6mgm/m3, skin</td>
</tr>
</tbody>
</table>

Appropriate Engineering Controls:

Engineering Controls: Apply technical measures to comply with the occupational exposure limits.

Individual Protection Measures, such as Personal Protective Equipment:

Eye/Face Protection: Avoid contact with eyes.

Skin and Body Protection: No protective equipment is needed under normal use conditions.

Respiratory Protection: Ensure adequate ventilation, especially in confined areas.

General Hygiene Considerations: Handle in accordance with good industrial hygiene and safety practice.

Section 9. PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

### Section 10. STABILITY AND REACTIVITY

**Reactivity:** Not reactive under normal conditions.

**Chemical Stability:** Stable under recommended storage conditions.

**Possibility of Hazardous Reactions:** None under normal processing.

**Conditions to Avoid:** Keep out of reach of children.

**Incompatible Materials:** Strong acids, alkalis and amines. Peroxides, free radical initiators.

**Hazardous Decomposition Products:** Oxides of carbon. Oxides of nitrogen.

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### Section 11. TOXICOLOGICAL INFORMATION

**Information on Likely Routes of Exposure:**

**Eye Contact:** Causes serious eye irritation.
Skin Contact: May cause an allergic skin reaction.
Inhalation: Avoid breathing vapors or mists.
Ingestion: Do not taste or swallow.

Component Information:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not applicable</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Information on physical, chemical and toxicological effects:

Symptoms: Please section 4 of this SDS for symptoms.

Delayed and Immediate Effects as Well as Chronic Effects From Short and Long Term Exposure:

Sensitization: May cause an allergic skin reaction.

Carcinogenicity: Not classifiable as a human carcinogen.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH</th>
<th>IARC</th>
<th>NTP</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not applicable</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Legend
IARC (International Agency for Research on Cancer).
Group 3 IARC components are "not classifiable as human carcinogens".
OSHA (Occupational Safety and Health Administration of the US Department of Labor)
X - Present

Numerical Measures of Toxicity:

Not Determined.

Section 12. ECOLOGICAL INFORMATION

Ecotoxicity:

No further information available.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Algae/aquatic plants</th>
<th>Fish</th>
<th>Toxicity to Microorganisms</th>
<th>Crustacea</th>
</tr>
</thead>
<tbody>
<tr>
<td>NO DATA</td>
<td>NO DATA</td>
<td>NO DATA</td>
<td>NO DATA</td>
<td>NO DATA</td>
</tr>
</tbody>
</table>

Persistence/Degradability: Not determined.
Bioaccumulation: Not determined.
Mobility: Not determined.
Other Adverse Effects: Not determined.

Section 13. DISPOSAL CONSIDERATIONS

Waste Treatment Method:
Disposal of Wastes: Disposal should be in accordance with applicable regional, national and local laws and regulations.
Contaminated Packaging: Disposal should be in accordance with applicable regional, national and local laws and regulations.

Section 14. TRANSPORT INFORMATION

DOT: Not regulated.
IATA: Not regulated.
IMDG: Not regulated.

Section 15. REGULATORY INFORMATION

International Inventories: Not determined.
SARA Title 313: None.
TSCA Inventory: Yes. All ingredients listed.
CERCLA Reportable quantity: Cumene hydroperoxide, 10 lbs.
U.S. State Regulations: 
U.S Right-to-Know Regulations: Not determined.
### Section 16. OTHER INFORMATION

<table>
<thead>
<tr>
<th>NFPA: Health Hazards</th>
<th>Flammability</th>
<th>Instability</th>
<th>Special Hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>0</td>
<td>Not determined</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HMIS Health Hazards</th>
<th>Flammability</th>
<th>Instability</th>
<th>Special Hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0</td>
<td>0</td>
<td>Not determined</td>
</tr>
</tbody>
</table>

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**Revision Date:** 6th March 2018

**DISCLAIMER:**  
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End of Safety Data Sheet.