

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:

Serious eye damage/eye irritation	Category 2A
Skin sensitization	Category 1
Skin irritation	Category 2
Specific Target Organ	Category 3

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.

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

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

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

Material	OSHA PEL	ACGIH TLV	OTHER
Polyglycol dimethacrylate	NONE	NONE	NONE
Polymeric plasticizer	NONE	NONE	NONE
Fumed silica	10mgm/m ³ TWA	6mgm/m ³ TWA	3mgm/m ³ , dust
Polyethylene	NONE	NONE	NONE
Polytetrafluoroethylene	NONE	NONE	10mgm/m ³ , dust
Cumene hydroperoxide	NONE	NONE	6mgm/m ³ , skin

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

Physical State: Paste. Odor: Mild.

Appearance: Viscous. Odor Threshold: Not established.
 Color: White

<u>Property</u>	<u>Values</u>
pH	Not determined.
Melting Point/Freezing Point	Not determined.
Boiling Point/Boiling Range	Not determined.
Flash Point	>200F (93C).
Evaporation Rate	Not determined.
Flammability (Solid, Gas)	n/a-paste.
Upper Flammability Limit	Not determined.
Lower Flammability Limit	Not determined.
Vapor Pressure	Not determined.
Vapor Density	Not determined.
Specific Gravity	1.10
Water Solubility	Not soluble.
Solubility in other Solvents	Not determined.
Partition Coefficient (n-octanol/water)	Not determined.
Auto-ignition Temperature	Not determined.
Decomposition Temperature	Not determined.
Kinematic Viscosity	Not determined.
Explosive Properties	Not determined.
Oxidizing Properties	Not determined.

Section 10. STABILITY AND REACTIVITY

<u>Reactivity:</u>	Not reactive under normal conditions.
<u>Chemical Stability:</u>	Stable under recommended storage conditions.
<u>Possibility of Hazardous Reactions:</u>	None under normal processing.
<u>Conditions to Avoid:</u>	Keep out of reach of children.
<u>Incompatible Materials:</u>	Strong acids, alkalis and amines. Peroxides, free radical initiators.
<u>Hazardous Decomposition Products:</u>	Oxides of carbon. Oxides of nitrogen..

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:

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Not applicable			

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.

Chemical Name	ACGIH	IARC	NTP	OSHA
Not applicable				

Legend

IARC (International Agency for Research on Cancer).

Group3 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.

Chemical Name	Algae/aquatic plants	Fish	Toxicity to Microorganisms	Crustacea
NO DATA	NO DATA	NO DATA	NO DATA	NO DATA

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.

U.S. Federal Regulations: 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

NFPA:	Health Hazards 1	Flammability 1	Instability 0	Special Hazards Not determined
HMIS	Health Hazards 1	Flammability 0	Instability 0	Special Hazards Not determined

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DISCLAIMER:

The information in this Safety Data Sheet 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 guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered 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 materials or in any process, unless specified in the text.

End of Safety Data Sheet.