

# MATERIAL SAFETY DATA SHEET

## SECTION I – PRODUCT IDENTIFICATION

### Manufacturer

Federal Process Corporation  
4520 Richmond Road  
Cleveland OH 44128  
1-800-846-7325

### Emergency Telephone Number

Call Chemtrec at 1-800-424-9300

### Product Identification

Product Name: FasSeal-ATS

Product Type: Anaerobic Sealant with PTFE

## SECTION II - PHYSICAL HAZARDS

**Stability:** (X) Stable ( ) Unstable

**Conditions to Avoid:** This product polymerizes in the absence of air and the presence of metal.

**Incompatibility, (Materials to avoid):** Metals and their salts will cause polymerization.

**Hazardous Decomposition Products:** The thermal decomposition products are highly dependent upon the combustion conditions, noxious or toxic fumes may be generated, some of which may be toxic or irritating.

**Hazardous Polymerization:** Should not occur. Not a heat generating polymerization.

## SECTION III – COMPOSITION & PHYSICAL PROPERTIES

	CAS #	OSHA PEL.	TLV	SARA III	Prop. 65	TASCA	Percent
Methacrylate Ester	109-17-1	Not Established		NO	NO	YES	40-60%
Polymeric Plasticizer	25103-87-1	Not Established		NO	NO	YES	20-30%
Cellulose Ester	9004-38-8	Not Established		NO	NO	YES	10-20%
Polytetrafluoroethylene	9002-84-0	15mg/m3	15mg/m3	NO	NO	YES	1-10%
Cumene Hydroperoxide	80-15-9	5mg/m3	5mg/m3	YES	NO	YES	1-3%
Titanium Dioxide	13463-67-7	15mg/m3	15mg/m3	NO	NO	YES	1-5%
Saccharin	80-07-2	1mg/m3	1mg/m3	NO	YES	YES	1-3%

**Vapor Pressure:** 0.01 @ 77F

**Solubility in water:** Insoluble

**Boiling point:** Polymerizes

**Evaporation Rate:** No data

**Appearance and Odor:** White, Creamy Paste, Mild Odor

**Reactivity in Water:** No

**Specific Gravity:** 1.2

**Melting Point:** Does Not Apply

**Percent Volatile:** <1

## SECTION IV – HEALTH HAZARDS AND FIRST AID

**Routes of Entry:** (X) Skin (X) Eyes ( ) Inhalation (X) Ingestion

**Health Hazards:** This product contains a methacrylate ester, which can cause skin and eye irritation if the concentrations are high enough.

Certain individuals may show an acute skin or eye sensitivity to this chemical. Usually seen as skin redness, itching, burning, or rash. Could irritate eyes on contact.

### **EMERGENCY FIRST AID PROCEDURES**

**Skin:** Wash with soap and water, using a nailbrush. Pay particular attention to fingernails and open wounds.

**Eyes:** This product could cause some irritation if gotten into the eyes and rubbed. Flush eye immediately with water for 15 minutes, lifting the eyelids. If irritation persists consult a physician.

**Ingestion:** If ingested, this product is not expected to cause an acute reaction. **Do not induce vomiting.** Use a gastric lavage, dilute stomach contents with milk or water and call a poison control center or a physician.

**Inhalation:** Not likely under normal conditions or use. If using in high temperature applications where thermal decomposition is likely, use a local exhaust to remove fumes. If dizziness or irritation occurs, seek fresh air.

**Chemical (s) listed as carcinogens** NPT ? : NO I.A.R.C. ? : Saccharin OSHA ? : NO

## SECTION V - FIRE AND EXPLOSION DATA

**Flash Point and Method Used:** 230 F, Closed Cup

**Flammable Limits:** LEL: No Data UEL: No Data

**Extinguishing Media:** Foam, Co2, Dry Chemical

**Special Fire Fighting Procedures:** This compound will not burn unless it is pre-heated. Water fog may be used to cool the containers. Wear a "N.I.O.S.H." approved organic vapor respirator.

**Unusual Fire & Explosion Hazards:** Dense smoke and noxious or toxic fumes may be generated in a fire. Fire fighters should wear a self-contained breathing apparatus.

## **SECTION VI – SPECIAL PRECAUTIONS AND SPILL PROCEDURES**

**Precautions to be taken in handling and storage:** Store in closed containers away from intense heat, metal, and cutting areas.

**Other precautions:** Do not transfer to unmarked containers. Keep away from children.

**Spill/Leak Procedures:** The viscous nature of this product makes spills unlikely. Scoop up the material and return it to its original container, or use an oil absorbent material and dispose of properly.

**Waste Disposal:** Dispose of in a responsible manner. Follow local, state and federal guidelines. Do not discharge into sewers or waterways. Incineration is the preferred method of disposal, although it may be land filled at an approved facility.

## **SECTION VII – SPECIAL PROTECTION INFORMATION**

**Respiratory Protection:** Not required for normal use. If using large quantities in confined areas use a "N.I.O.S.H." approved organic vapor respirator.

**Protective Gloves:** Normally not required unless prolonged or repeated skin contact is expected. Then use a latex or neoprene glove.

**Eye Protection:** Safety glasses are recommended.

**Work/Hygienic Practices:** Use good standard practices when using this material. Do not eat or smoke while using and thoroughly wash with soap and water, using a nailbrush after using.

## **SECTION VIII – REGULATORY INFORMATION**

**California Proposition 55:** NO

**Ozone Depleting Substances:** NONE

**SARA Title III:** NO

**CERCLA:** Saccharin

**RCRA:** NO

**DOT Shipping Class:** Not Hazardous

**TOSCA Inventory:** All Ingredients Listed

**NFPA Rating:** H-1, F-1, R-0

**HMIS Rating:** H-1, F-0, R-0, P.P. - A

## **DISCLAIMER**

The information contained herein is based on data considered accurate, however, no warranty is expressed or implied regarding the accuracy of the data or the results obtained from the use of this product. Therefore, because the product may be used under conditions beyond our control, we assume no liability for its use.

### **Preparation Information**

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