

READ THIS MATERIAL SAFETY DATA SHEET BEFORE USING THIS PRODUCT – ASK YOUR SUPERVISOR FOR ASSISTANCE IF YOU DO NOT UNDERSTAND ANY PART OF IT.

**MyOilPatch, LLC.
2506 Axminster Dr.
Grand Prairie, TX 75050
TEL: (817)-240-6434**

HIGH PERFORMANCE COATINGS

MATERIAL SAFETY DATA SHEET

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PRODUCT INFORMATION

Product Name: BIO-SEAL™ 196/197 Epoxy Base - Clear **Chemical Name:** N/A
CAS Number: N/A
Product Code: BS196/197-00000A **Chemical Family:** Epoxy coating component

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2 HAZARDOUS INGREDIENTS

Material	CAS Number	Contents %w/w	Hazard Data
EPOXY RESIN LIQUID POLYMER	25068-38-6	40 - 70%	PEL: Not Established TLV: Not Established
P-TERTBUTYLPHENYL GLYCIDYL ETHER	3101-60-8	5 - 15%	PEL: Not Established TLV: Not Established

***** DOES NOT CONTAIN CARCINOGENS *****

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3 PHYSICAL DATA

Appearance: Clear liquid	Vapor Pressure: N/A	Vapor Density: N/A
Solubility in water: Negligible	Odor: Sl. sweet characteristic epoxy resin.	
Specific Gravity: 1.03	Density at 20°C: 8.60bs/gallon	Viscosity: Slight viscous
Boiling Point: NA	Freezing Point: NA	% volatiles by volume: 0.5% Max

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4 FIRE AND EXPLOSION DATA

Flash Point: >250°F **TCC Autoignition Temp:** N/A **Flam limits in air, % v/v:** LEL: N/A; UEL: N/A
Extinguishing Media: Water, Spray, Foam, or Dry Chemical.
Fire or Explosion Hazards: generation of toxic products.
Special Firefighting procedures: wear full protective equipment including self-contained breathing apparatus.

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5 REACTIVITY DATA

Stability: Stable **Hazardous Polymerization:** Will not occur **Incompatible materials:** None known
Conditions to avoid: Mixing large volumes with epoxy curing agents, volumes of one gallon are safe however expect a significant exotherm within 30 - 40 minutes at 70°F.
Hazardous decomposition products: CO, CO₂, unspecified others.

6 HEALTH HAZARD DATA

Skin Irritation - Sl. irrit., possible sensitizer
DOT Corrosivity - Not corrosive
Oral Toxicity - Unknown

Inhalation Tox - Unknown, see below.
Eye Irritation - Slight irritant.
Dermal Toxicity - Unknown

SKIN AND EYE CONTACT: Sl. irritating, possible sensitizer.

INGESTION: Considered slightly toxic.

INHALATION: Overexposure to mist or vapor is extremely unlikely unless product is applied spray, inhalation of spray mist might cause irritation of respiratory tract. Prolonged or repeated exposure may cause an asthmatic reaction.

7 FIRST AID RECOMMENDATIONS

SKIN AND EYE CONTACT: Immediately flush eyes with fresh water holding lids apart for 15 minutes, washing within one minute is essential to achieve maximum effectiveness. Remove from skin using soap and water. Remove contaminated shoes and clothing. Call a physician.

INGESTION: DO NOT induce vomiting! Prevent aspiration (breathing) liquid into lungs. Get medical attention.

INHALATION: Immediately move to fresh air. If breathing is difficult give oxygen. Call a physician.

8 SPILL PROCEDURES & WASTE DISPOSAL

Spill and Leak Procedures: Scrape or wipe up spilled material. Place in container for recovery or disposal. Avoid contact with skin and eyes - wear recommended protective clothing.

9 PERSONAL PROTECTION

Ventilation Requirements: Mechanical local exhaust at point of contaminant release if conditions warrant.

Respiratory protection: It is extremely unlikely that harmful concentrations of volatile materials will be released during normal applications by brush, rollers or similar tools in open areas. Wear organic vapor cartridge respirator or fresh air hood if working for extended periods in enclosed spaces with minimal ventilation.

Eyes: Chemical resistant goggles if eye contact possible.

Skin - Impervious gloves, wear long sleeved shirts, coveralls as required to prevent skin contact. Discard contaminated gloves, footwear etc.

10 SPECIAL PRECAUTIONS & STORAGE

Precautionary Statements: Avoid contact with eyes, skin and clothes. Wash after handling and before eating, drinking or smoking.

Store in a cool, dry area in closed containers.

11 TRANSPORTATION INFORMATION

DOT PROPER SHIPPING NAME: Not regulated

Date of Prepn: 22MAY95 Preparer: J.Longmore Refs: SUZ: cgSYR

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HIGH PERFORMANCE COATINGS

MATERIAL SAFETY DATA SHEET

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1 PRODUCT INFORMATION

Product Name: BIO-SEAL™197 Curing Agent - Clear
CAS Number: N/A - see below
Product Code: BS197-00000B

Chemical Name: Aliphatic Amine soln.
Chemical Family: Resinous polyamine

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2 HAZARDOUS INGREDIENTS

Material	CAS Number	Contents %w/w	DOT CLASSN:	OSHA PEL	OTHER LIMITS RECOMMENDED
Benzyl Alcohol*	100-51-6	30 - 60%	NE	NE	AIHA (Work.Env.Exp.): 8 hr. TWA is 10 ppm
Remaining components are trade secret non-aromatic polyamine		40 - 70%			

***Note:** Benzyl Alcohol is not currently designated as a hazardous substance according to OSHA guidelines. This information is provided to give more complete safety information to users and may be required by individual states.
***** DOES NOT CONTAIN CARCINOGENS *****

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3 PHYSICAL DATA

Appearance: Amber liquid **Vapor Pressure:** N/A **Vapor Density:** N/A **Solubility in water:** Very Slight
Odor: Ammonia **Specific Gravity:** 1.00 **Density at 20°C:** 8.3lbs/gallon **Viscosity:** light gel
Boiling Point: N/A **Freezing Point:** N/A **% Volatiles by volume:** 0% @ 70°F

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4 FIRE AND EXPLOSION DATA

Flash Point: >200°F TCC **Autoignition Temp:** N/A **Flammable limits in air, % v/v:** LEL: N/A; UEL: N/A
Extinguishing Media: Water, Spray, Foam, or Dry Chemical.
Fire or Explosion Hazards: Generation of toxic products.
Special Firefighting procedures: wear full protective equipment including self-contained breathing apparatus.

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5 REACTIVITY DATA

Stability: Stable **Hazardous Polymerization:** Will not occur **Incompatible materials:** none known
Conditions to avoid: Mixing large volumes with epoxy based materials such as BIO-SEAL™ base. Volumes of one gallon are safe however expect a significant exotherm within 25 - 50 minutes at 77°F.
Hazardous decomposition products: CO, CO₂, oxides of nitrogen, unspecified others.

6 HEALTH HAZARD DATA

INHALATION: OVEREXPOSURE TO HARMFUL CONCENTRATIONS OF VAPOR IS EXTREMELY UNLIKELY IN NORMAL BRUSH OR ROLLER APPLICATIONS. INHALATION OF SPRAY MIST MIGHT CAUSE IRRITATION OF RESPIRATORY TRACT. PROLONGED OR REPEATED EXPOSURE MAY CAUSE AN ASTHMATIC REACTION IN SUSCEPTIBLE PERSONS.

EYE AND SKIN CONTACT: DANGER! CAUSES SEVERE SKIN AND EYE IRRITATION OR BURNS. MAY CAUSE PERMANENT VISUAL IMPAIRMENT. NOT CONSIDERED TOXIC BY SKIN ABSORPTION BUT PROLONGED EXPOSURE MAY CAUSE ABSORPTION OF HARMFUL AMOUNTS. WEAR PROTECTIVE CLOTHING AND GOGGLES.

CAUTION: Preexisting eye, skin and respiratory disorders may be aggravated by exposure to this product, exercise caution in handling. Remove from skin using liquid soap or detergent - always avoid using solvents to remove skin contamination.

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7 FIRST AID RECOMMENDATIONS

SKIN AND EYE CONTACT: Immediately flush eyes with fresh water holding lids apart for 15 minutes, washing within one minute is essential to achieve maximum effectiveness. Remove from skin using soap and water. Remove contaminated shoes and clothing. Call a physician.

INGESTION: DANGER! DO NOT TAKE INTERNALLY. MAY CAUSE GASTROINTESTINAL IRRITATION OR ULCERATION. MAY CAUSE BURNS TO MOUTH AND THROAT. DO NOT INDUCE VOMITING. GIVE A LARGE QUANTITY OF MILK OR WATER. DO NOT GIVE FLUIDS TO AN UNCONSCIOUS PERSON. CALL A PHYSICIAN.

INHALATION: MOVE TO FRESH AIR. IF SYMPTOMS PERSIST CALL A PHYSICIAN.

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8 SPILL PROCEDURES & WASTE DISPOSAL

Spill and Leak Procedures: Scrape or wipe up spilled material. Transfer liquid to containers for recovery or disposal. Transfer disposable material to proper containers for disposal. Keep spills and runoff out of sewers and open bodies of water. Observe all Federal, State and Local laws regarding health and the environment.

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9 PERSONAL PROTECTION

RESPIRATORY PROTECTION: Spray application requires use of organic vapor cartridge respirator or fresh air hood because of aerosol generation. Brush or roller application does not require respiratory protection unless conducted for extended periods in enclosed spaces with minimal ventilation.

VENTILATION REQUIREMENTS: Mechanical local exhaust at point of contaminant release if conditions warrant.

EYES- Chemical splash resistant goggles if eye contact possible.

SKIN- Impervious gloves, wear long sleeved shirts, coveralls as required to prevent skin contact. Discard contaminated gloves, footwear, etc.

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10 SPECIAL PRECAUTIONS & STORAGE

Precautionary Statements: Some polyamines are suspected mutagens. No effects of chronic exposure or target organ effects are known. No exposure limits have been established for this product as formulated.

Avoid contact with eyes, skin and clothes. Wash after handling. Store in a cool, dry area in closed containers.

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11 TRANSPORTATION INFORMATION

"Not-Regulated" by DOT, IATA or IMO.