

# MATERIAL SAFETY DATA SHEET (MSDS)

**PRODUCT NAME: B-220 Catalyst**

Team, Inc.  
Team Industrial Services, Inc.  
TECO Manufacturing, Inc.  
200 Hermann Drive  
Alvin, Texas 77511

Prepared By: James H. Varner  
Revision Date: July 1, 2006  
Team Main: 281-331-6154  
8 - 5 CDT: 281-388-5618  
Answering Service: 281-482-3530  
CHEMTREC: 800-424-9300

## 1. General Notes

This formulation is a trade secret and considered confidential and proprietary information of Team, Inc.

UND = Undetermined  
NA = Not Applicable

## 2. Product Information

Product Part Number / Name: 903-0018 / B-220 Catalyst  
Chemical Family: Epoxy Resin  
Product Use: Industrial Leak Sealant  
Product Description: Catalyst

## 3. Hazardous Ingredients

<u>Compound</u>	<u>CAS Number</u>	<u>Percent</u>	<u>OSHA</u> <u>PEL</u> <u>(mg/m3)</u>	<u>ACGIH</u> <u>TLV</u> <u>(mg/m3)</u>	<u>OSHA</u> <u>PEL</u> <u>(ppm)</u>	<u>ACGIH</u> <u>TLV</u> <u>(ppm)</u>	<u>Possible</u> <u>Carcinogen</u>
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does not contain hazardous ingredients

## Notes

## 4. Physical Data

Boiling Point (F): > 500 F. Specific Gravity (H2O = 1): UND.  
Vapor Pressure (mm Hg): .030 mmHg @ 77 F. Melting Point (F): UND.  
Solubility in H2O: Slight Evaporation Rate (Butyl Acetate = 1): UND.  
Appearance and Odor: Colorless liquid with slight chemical odor.

## 5. Fire and Explosion Hazard Information

Flash Point (Closed Cup) (F): > 230 F  
Flammability Limits in Air (%): Low: UND. High: UND.  
Extinguishing Media: Water fog, carbon dioxide, dry chemical.  
Special Fire Fighting Procedures: SCBA with full faceshield  
Unusual Fire and Explosion: None known.

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### 6. Reactivity Data

Stability: Stable.

Conditions to Avoid: None known.

Materials to Avoid: Amines, strong alkalies, strong mineral acids, strong oxidizing agents.

Hazardous Decomposition Products: May form carbon dioxide and carbon monoxide, various hydrocarbons.

Hazardous Polymerization: None known.

### 7. Health Hazards

#### Routes of Entry:

Inhalation: Yes  
Skin: Yes  
Eyes: Yes  
Ingestion: Yes

#### Acute Sytoms:

Inhalation: May cause irritation to the mucous membrane of throat and respiratory tract.

Skin: Repeated or prolonged exposure may cause irritation.

Eyes: May cause irritation and in extreme cases, possibly blindness.

Ingestion: May be harmful if swallowed.

#### Carcinogenicity:

National Toxicology: None.  
IARC Monographs: None.  
OSHA Regulated: None.

#### Chronic Symptoms:

Repeated or prolonged exposure may result in accumulation of toxins to cause illness to the body which includes nausea, vomiting, diarrhea and irritation to nose, throat, and airways. Target organs are skin sensitization.

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Medical Conditions Aggravated: None Known.

### 1st Aid Procedures:

Inhalation: Immediately remove from contaminated area to fresh air. Keep individual quiet. In case of respiratory distress, give oxygen or give artificial respiration. Obtain medical attention.

Skin: Thoroughly wash affected area with soap and water. Flush area with water for 15 minutes. If irritation develops, obtain medical attention.

Eyes: Flush with water for at least 15 minutes. If irritation develops, obtain medical attention.

Ingestion: Do not induce vomiting. Obtain medical attention.

## 8. Safe Handling / Disposal / Use

Releases or Spills: Soak up with absorbent material. Place in container for disposal. If needed, on small spills flush with large quantities of water and detergent.

Disposal: Landfill or incinerate in accordance with federal, state, and local regulations.

Ventilation: Use adequate ventilation.

Other Storage Precautions: Keep away from open flames. Avoid prolonged contact with skin.

## 9. Control Measures

Respiratory Protection: If ventilation is poor, an organic vapor respirator is recommended.

Ventilation: Local exhaust is usually adequate. If necessary use mechanical exhaust.

Hand Protection: Hydrocarbon resistant gloves recommended.

Eye Protection: Safety goggles or glasses.

Other: Other equipment as necessary.

Hygienic Practices: Wash hands with soap and water.

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### 10. Hazard Ratings

	<u>NFPA</u>
Health:	2
Flammability:	1
Reactivity:	0

### 11. Additional Information

This data is offered in good faith as typical values and not as a product specification. No warranty, is either expressed or implied. The recommended handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use.

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