



MATERIAL SAFETY DATA SHEET (MSDS)

PRODUCT NAME: MEK

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: 804-0004 / MEK
Chemical Family: Ketone
Product Use: Industrial Leak Sealant
Product Description: Solvent

3. Hazardous Ingredients

<u>Compound</u>	<u>CAS Number</u>	<u>Percent</u>	<u>OSHA</u>	<u>ACGIH</u>	<u>OSHA</u>	<u>ACGIH</u>	<u>Possible Carcinogen</u>
			<u>PEL</u>	<u>TLV</u>	<u>PEL</u>	<u>TLV</u>	
			<u>(mg/m3)</u>	<u>(mg/m3)</u>	<u>(ppm)</u>	<u>(ppm)</u>	
methyl ethyl ketone	78-93-3	50 +			200	200	

Notes

4. Physical Data

Boiling Point (F): 175 F. Specific Gravity (H2O = 1): .806 @ 68 F.
Vapor Pressure (mm Hg): 70 mmHg @ 68 F. Melting Point (F): UND.
Solubility in H2O: 26.8 % at 20 C. Evaporation Rate (Butyl Acetate = 1): 5.70 (N- Butyl Acetate)
Appearance and Odor: Clear, colorless, mobile liquid, with a strong characteristic " Ketone " odor.

5. Fire and Explosion Hazard Information

Flash Point (Closed Cup) (F): 23 F
Flammability Limits in Air (%): Low: 2.0 % High: 11.5 %
Extinguishing Media: Regular foam, carbon dioxide, dry chemical.
Special Fire Fighting Procedures: SCBA with full faceshield
Unusual Fire and Explosion: Product is highly volatile and gives off vapors which will ignite.

6. Reactivity Data

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Stability: Stable.
Conditions to Avoid: None known.
Materials to Avoid: Avoid contact with: strong oxidizing agents.
Hazardous Decomposition Products: May form: carbon dioxide and carbon monoxide.

Hazardous Polymerization: Will not occur.

7. Health Hazards

Routes of Entry:

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

Acute Symptoms:

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 cause dizziness, unconsciousness, CNS disorder (headache, nausea, vomiting) and if ingested in large quantities, possibly death.

Carcinogenicity:

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

Chronic Symptoms:

Repeated or prolonged exposures may result in shorting the time of onset or worsens the liver and kidney damage induced by other chemicals.

Medical Conditions Aggravated: None Known.

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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: Dispose of in accordance with all applicable local, state and federal 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.

10. Hazard Ratings

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NFPA

Health:	1
Flammability:	3
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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