

# MATERIAL SAFETY DATA SHEET



## Quick-Sil ( Part A )

**Manufacturer:** F. E. Knight Inc.  
**Address:** 120 Constitution Blvd.  
Franklin, MA 02038  
**Telephone:** 508-520-1666  
**Fax:** 508-520-2402  
**Date Prepared:** January 1, 2004  
**Emergency** Chem-Tel: 1-800-255-3924  
**Telephone No:** or 617-969-5399  
**Prepared by:** Michael Knight

<b>0</b>	<b>FIRE HAZARD</b>	<b>HAZARD KEY</b> 4 - SEVERE 3 -SERIOUS 2 -MODERATE 1 - SLIGHT 0 - MINIMAL
<b>0</b>	<b>HEALTH HAZARD</b>	
<b>0</b>	<b>REACTIVITY</b>	

### SECTION 1 - IDENTITY

**Common Name (Used on label)** Quick-Sil Part A  
(Trade name & Synonyms)

### SECTION 2 - HAZARDOUS INGREDIENTS

<u>HAZARDOUS COMPONENTS</u>	<u>%</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>OTHER LIMITS</u>
Silica (crystalline)	15	0.1 mg/m3 (Respirable Dust)	0.1 mg/m3 (Respirable Dust)	IARC listed (SEE OTHER PRECAUTIONS)

### SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

<b>Boiling Point (°C):</b>	N/A
<b>Vapor Pressure (mmHg):</b>	Negligible (at 25 degrees C)
<b>Vapor Density ( Air = 1 ):</b>	N/A
<b>Specific Gravity:</b>	1.15 (at 25 degrees C)
<b>Melting Point (°C):</b>	N/A
<b>Evaporation Rate:</b>	Negligible (Butyl Acetate =1)
<b>Solubility In Water:</b>	Not soluble
<b>Appearance and Odor:</b>	Beige and odorless paste

### SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

**Flash Point (method used):** 200 degrees C min. (open cup)

<b>Flammable Limits:</b>	Not measured
<b>Lower:</b>	Not measured
<b>Upper:</b>	Not measured

**EXTINGUISHING MEDIA:**

Foam, dry chemical or carbon dioxide

**SPECIAL FIRE FIGHTING PROCEDURES:**

Not required

**UNUSUAL FIRE AND EXPLOSION HAZARDS:**

None

**SECTION 5 - REACTIVITY DATA**

<b>Stability:</b>	Stable
<b>Conditions to Avoid:</b>	None

<b>Incompatibility (materials to avoid):</b>	None
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<b>Hazardous Decomposition or By-Products:</b>	None
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<b>Hazardous Polymerization:</b>	Will not occur
<b>Conditions to Avoid:</b>	None

**SECTION 6 - HEALTH HAZARD DATA**

<b>Route(s) of Entry:</b>	<b>Inhalation ?:</b> [-] <b>Skin ?:</b> [Y] <b>Ingestion ?:</b> [Y]
<b>Health Hazards:</b>	<b>Acute:</b> No information is available <b>Chronic:</b> No information is available

<b>CARCINOGENICITY</b>	<b>NTP ?:</b> [N]	<b>IARC Monographs ?:</b> [N]	<b>OSHA Regulated ?:</b> [N]
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**Signs and Symptoms of Exposure:**

<b>Skin Contact:</b>	May cause slight irritation, but no significant effect.
<b>Eyes Contact:</b>	May cause slight irritation.
<b>Ingestion:</b>	No information is available.

**Medical Conditions Generally Aggravated By Exposure:**

No information is available

**Emergency and First Aid Procedures:**

<b>Skin Contact:</b>	Remove paste from skin with dry cloth or towel, and wash exposed area with detergent.
<b>Eyes Contact:</b>	Immediately flush with plenty of water for at least 15 minutes.
<b>Ingestion:</b>	Do not induce vomiting. Call a physician immediately.

**SECTION 7 - CONTROL AND PROTECTIVE MEASURES**

<b>Respiratory Protection (specify type):</b>	Not required
<b>Ventilation-</b>	
<b>Local Exhaust:</b>	Not required
<b>Mechanical (general):</b>	Not required
<b>Special:</b>	Not required
	<b>Other:</b> Not required

<b>Protective Gloves:</b>	Plastic film or rubber gloves
<b>Eye Protection:</b>	Safety glasses
<b>Other Protective Clothing or Equipment:</b>	Eyewash equipment

## **SECTION 8 - PRECAUTIONS FOR SAFE HANDLING AND USE**

### **Steps To Be Taken In Case Material Is Released Or Spilled:**

- Contain the spill or leak.
- Scrape up with cardboard or rag and place in container.

### **Waste Disposal Method:**

- Can be burned in accordance with regulations.

### **Precautions To Be Taken In Handling And Storing:**

- Keep container closed when not in use.
- Store in a cool place.
- Keep away from heat and flame.
- Don't lay the container on its side.
- Avoid contact with eyes and prolonged or repeated skin contact.

### **OTHER PRECAUTIONS:**

\* This product contains crystalline silica which is considered a hazard by inhalation with dust and classified as an agent which is probably carcinogenic to humans by IARC.

But we consider that this product doesn't fall under Group 2A in IARC because it doesn't generate the dust under normal handling condition.

- \* **Remarks:**
1. Route(s) of entry / "Y" means "Yes".
  2. Carcinogenicity / "N" means "No".

### **OTHER INFORMATION:**

This materials safety data sheet is offered solely for your information, consideration and investigation. The data described in this MSDS consist of data on literature, our acquisitional data and analogical inference by data of similar chemical substance or product. F.E. Knight, Inc., provides no warranties, either express or implied, and assumes no responsibility for the accuracy or completeness of the data contained herein.

# MATERIAL SAFETY DATA SHEET



## Quick-Sil ( Part B )

**Manufacturer:** F. E. Knight Inc.  
**Address:** 120 Constitution Blvd.  
Franklin, MA 02038  
**Telephone:** 508-520-1666  
**Fax:** 508-520-2402  
**Date Prepared:** February 16, 1999  
**Emergency Telephone No:** Chem-Tel: 1-800-255-3924  
or 617-969-5399  
**Prepared by:** Michael Knight

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HAZARD KEY	
4 - SEVERE	
3 -SERIOUS	
2 -MODERATE	
1 - SLIGHT	
0 - MINIMAL	

0	FIRE HAZARD
0	HEALTH HAZARD
0	REACTIVITY

### SECTION 1 - IDENTITY

**Common Name (Used on label)**  
(Trade name & Synonyms)

**Quick-Sil Part B**

### SECTION 2 - HAZARDOUS INGREDIENTS

<u>HAZARDOUS COMPONENTS</u>	<u>%</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>OTHER LIMITS</u>
Silica (crystalline)		15 0.1 mg/m3 (Respirable Dust)	0.1 mg/m3 (Respirable Dust)	IARC listed (SEE OTHER PRECAUTIONS)

### SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

<b>Boiling Point (°C):</b>	N/A
<b>Vapor Pressure (mmHg):</b>	Negligible (at 25 degrees C)
<b>Vapor Density ( Air = 1 ):</b>	N/A
<b>Specific Gravity:</b>	1.15 (at 25 degrees C)
<b>Melting Point (°C):</b>	N/A
<b>Evaporation Rate:</b>	Negligible (Butyl Acetate =1)
<b>Solubility In Water:</b>	Not soluble
<b>Appearance and Odor:</b>	Green and odorless paste

### SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

**Flash Point (method used):** 94 degrees C min. (open cup)

<b>Flammable Limits:</b>	Not measured
<b>Lower:</b>	Not measured
<b>Upper:</b>	Not measured

**EXTINGUISHING MEDIA:**

Foam, dry chemical or carbon dioxide

**SPECIAL FIRE FIGHTING PROCEDURES:**

Not required

**UNUSUAL FIRE AND EXPLOSION HAZARDS:**

None

**SECTION 5 - REACTIVITY DATA**

**Stability:** Unstable

**Conditions to Avoid:** Avoid contact with acidic, basic and oxidizing materials.

**Incompatibility (materials to avoid):** Acidic, basic and oxidizing materials.

**Hazardous Decomposition or By-Products:** Flammable hydrogen gas.

**Hazardous Polymerization:** Will not occur

**Conditions to Avoid:** None

**SECTION 6 - HEALTH HAZARD DATA**

**Route(s) of Entry:** **Inhalation ?:** [-] **Skin ?:** [Y] **Ingestion ?:** [Y]

**Health Hazards:** **Acute:** No information is available

**Chronic:** No information is available

**CARCINOGENICITY** **NTP ?:** [N] **IARC Monographs ?:** [N] **OSHA Regulated ?:** [N]

**Signs and Symptoms of Exposure:**

**Skin Contact:** May cause slight irritation, but no significant effect.

**Eyes Contact:** May cause slight irritation.

**Ingestion:** No information is available.

**Medical Conditions Generally Aggravated By Exposure:**

No information is available

**Emergency and First Aid Procedures:**

**Skin Contact:** Remove paste from skin with dry cloth or towel, and wash exposed area with detergent.

**Eyes Contact:** Immediately flush with plenty of water for at least 15 minutes.

**Ingestion:** Do not induce vomiting. Call a physician immediately.

**SECTION 7 - CONTROL AND PROTECTIVE MEASURES**

**Respiratory Protection (specify type):** Not required

**Ventilation-**

**Local Exhaust:** Not required

**Mechanical (general):** Not required

**Special:** Not required

**Other:** Not required

<b>Protective Gloves:</b>	Plastic film or rubber gloves
<b>Eye Protection:</b>	Safety glasses
<b>Other Protective Clothing or Equipment:</b>	Eyewash equipment
<b>Work/Hygienic Practices:</b>	Wash hands after handling

## **SECTION 8 - PRECAUTIONS FOR SAFE HANDLING AND USE**

### **Steps To Be Taken In Case Material Is Released Or Spilled:**

Contain the spill or leak.

Scrape up with cardboard or rag and place in container, in such a case pay attention to generation of hydrogen gas by contaminants.

### **Waste Disposal Method:**

Can be burned in accordance with regulations.

### **Precautions To Be Taken In Handling And Storing:**

Keep container closed when not in use.

Store in a cool place.

Keep away from heat and flame.

Don't lay the container on its side.

Avoid contact with eyes and prolonged or repeated skin contact.

### **OTHER PRECAUTIONS:**

\* This product contains crystalline silica which is considered a hazard by inhalation with dust and classified as an agent which is probably carcinogenic to humans by IARC.

But we consider that this product doesn't fall under Group 2A in IARC because it doesn't generate the dust under normal handling condition.

- \* **Remarks:**
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