



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: February 16, 1999
Emergency Chem-Tel: 1-800-255-3924
Telephone No: or 617-969-5399
Prepared by: Michael Knight

MATERIAL SAFETY DATA SHEET

30535-1003

*** RTV MOLD MAKING KIT***

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

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)

V 111

SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

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

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

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

Flammable Limits: Not measured
 Lower: Not measured
 Upper: 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: Stable
 Conditions to Avoid: None
 Incompatibility (materials to avoid): None
 Hazardous Decomposition or By-Products: None
 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
 Protective Gloves: Plastic film or rubber gloves
 Eye Protection: Safety glasses
 Other Protective Clothing or Equipment: Eyewash equipment

NSP-2

Work/Hygienic Practices:

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.

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

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

accuracy or completeness of the data contained herein.

SECTION I - 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

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

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

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

NSP-1

Flammable Limits: Not measured
 Lower: Not measured
 Upper: 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

QS-B-1

Protective Gloves: Plastic film or rubber gloves
Eye Protection: Safety glasses
Other Protective Clothing or Equipment: Eyewash equipment
Work/Hygienic Practices: 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 containinants.

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".
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OTHER INFORMATION:

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