

Material Safety Data Sheet



ITEM# 73-0526 LIQUID FAST PART A

Supplier: Romanoff International Supply Corp.
Address: 9 Deforest St., Amityville, NY 11701 US
Telephone: 631-842-2400
Fax: 631-842-0028
Date Prepared: October 31, 2012

EMERGENCY CONTACT: CHEMTEL, ACCOUNT #MIS4594445 COLLECT CALLS ACCEPTED
24 HR EMERGENCY TELEPHONE: USA, CANADA, PUERTO RICO & US VIRGIN ISLANDS 1-800-255-3924
AUSTRALIA: 1-300-954-583 BRAZIL: 0-800-591-6042 CHINA: 400-120-0751
INDIA: 000-800-100-4086 MEXICO: 01-800-099-0731 ALL OTHER COUNTRIES: 1-813-248-0585

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

SECTION 2 - Hazards Identification

Emergency Overview: May cause eye irritation. Prolonged overexposure to respirable crystalline silica may cause lung disease (silicosis) and increase the risk of lung cancer. However, the silica in this product is bound within the polymer matrix and no exposure to respirable crystalline silica is likely to occur under normal conditions of use.

SECTION 3: Composition Information on Ingredients

Ingredient	CAS No. / EINECS No.	Percent (by weight)
Crystalline Silica in the form of Quartz or Cristobalite	14808-60-7 / 238-878-4 14464-46-1 / 238-455-4	Less than 1%
Non-hazardous polymers	Proprietary	70-90 %
Platinum catalyst	Proprietary	0.005-0.02%

*See Section 16 for further information on EU Classification.

SECTION 4: First Aid Measures

Eye Contact: Flush eyes with large quantities of water, holding the eyelids apart. Get medical attention if irritation develops and persists.

Skin Contact: Wash skin with soap and water. Get medical attention if irritation develops and persists.

Ingestion: If swallowed, rinse mouth with water. Never give anything by mouth to an unconscious or convulsing person. Get immediate medical attention.

Inhalation: Remove victim to fresh air. If irritation or other symptoms persist, get medical attention.

SECTION 5: Fire Fighting Procedures

Extinguishing Media: Use media appropriate to the surrounding fire, CO₂, foam, or dry chemical.

Firefighting Procedures: Firefighters should wear full emergency equipment and an approved positive pressure self-contained breathing apparatus.

Unusual Fire/Explosion Hazards: none known

Known or Anticipated Hazardous

Products of Combustion: Oxides of carbon, hydrocarbons, organic acids and aldehydes.

SECTION 6: Accidental Release Measures

Accidental Release Measures: Wear appropriate protective clothing as described in Section 8. Collect with an inert material and place in appropriate container for use. Report releases as required by local, state and federal authorities.

Personal Precautions: Avoid contact with eyes and skin. Use with adequate ventilation.

Environmental Precautions: Prevent entry into sewers and waterways, after product recovery - wash surface with water.

SECTION 7: Handling and Storage

Handling: Avoid contact with the eyes and skin. Wear protective clothing and equipment as described in Section 8. Wash thoroughly with soap and water after handling. Keep containers closed when not in use.

Storage: Store between 5° and 26° C / 41° - 80° F in a dry, ventilated area. Protect packages from physical damage.

SECTION 8: Exposure Control / Personal Protection

Occupational Exposure Limits: The following exposure limits apply to airborne dust. No dust should be generated during the normal use of this product.

Crystalline Silica, Quartz	10 mg/m ³ TWA PEL (respirable fraction) % Silica + 2 0.025 mg/m ³ TWA TLV (respirable fraction) 0.3 mg/m ³ TWA UK WEL
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Crystalline Silica, Cristobalite	0.025 mg/m ³ TWA ACGIH TLV (respirable fraction) 10 mg/m ³ TWA PEL (respirable fraction) 2 (% Silica + 2)
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Platinum catalyst	None Established
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Engineering Controls: Use with adequate local exhaust ventilation to maintain exposures below the occupational exposure limits.

Personal Protective Equipment

Eye Protection: Safety glasses if needed to avoid eye contact.

Skin Protection: Wear impervious gloves if needed to avoid prolonged contact.

Respiratory Protection: None required in normal use. If the exposure limits are exceeded, an approved particulate respirator appropriate for the form and concentration of the contaminants should be used. Selection and use of respiratory equipment must be in accordance with applicable regulations and good industrial hygiene practice.

Other Protective

Clothing or Equipment: Impervious clothing as needed to avoid contamination of personal clothing.

SECTION 9 - Physical and Chemical Properties

Appearance and Odor: Thick, clear liquid with no odor.

Boiling Point: 300° C

Freezing Point: Not applicable

Solubility in Water: Insoluble

Vapor Pressure (mmHg): Not determined

Evaporation rate: Not determined

% Volatile by Volume: Not applicable

Flammable Limits in Air: LEL: Not applicable UEL: Not applicable

Melting Point: Not available

Specific Gravity: 1.11 g/cm3

pH: Not applicable

Vapor Density: Not determined

Viscosity: Not determined

Flashpoint: Not determined

Auto Ignition Temperature: Not determined

SECTION 10 - Stability and Reactivity

Stability: Stable in normal use and storage.

Conditions to Avoid: None known.

Incompatibility with Other Materials: Contact of the "Base" component with alkaline or acid substances could produce flammable hydrogen gas.

Hazardous Decomposition Products: Thermal decomposition may produce dangerous Oxides of carbon, hydrocarbons, organic acids and aldehydes.

Hazardous Polymerization: None known.

SECTION 11 - Toxicological Information

Potential Health Effects

Eyes: Contact may cause irritation with redness and tearing.

Skin: May cause mild skin irritation.

Ingestion: May cause gastrointestinal irritation with nausea, vomiting and diarrhea.

Inhalation: None expected under normal handling.

The following information applies to exposure to respirable crystalline silica. However, the silica in this product is bound within the polymer matrix and no exposure to respirable crystalline silica is likely to occur under normal conditions of use.

Chronic Health Effects: Excessive inhalation of respirable crystalline silica dust may cause a progressive, disabling and sometimes fatal lung disease called silicosis. Symptoms include cough, shortness of breath, wheezing, non-specific chest illness and reduced pulmonary function.

Carcinogenicity: Crystalline silica quartz and cristobalite are listed as "Carcinogenic to Humans" (Group 1) by IARC and "Known to be a Human Carcinogen" by NTP.

Medical Conditions

Aggravated by Exposure: Individuals with pre-existing skin disorders may be at increased risk from exposure.

Acute Toxicity Data

Crystalline Silica (as Quartz): Oral Rat LD50 - >22,500 mg/kg

SECTION 12 - Ecological Information

Do not release to environment.

SECTION 13 - Disposal Considerations

Dispose in accordance with federal, state, and local regulations. Set materials (base and catalyst mixture) are non- hazardous.

SECTION 14 - Transport Information

DOT Shipping Name: Not regulated

DOT Hazard Class: N/A

UN Number: N/A

DOT Labels Required

(49CFR172.101): N/A

IATA Shipping Name: Not regulated

IATA Hazard Class: N/A

UN Number: N/A

IATA Hazard Labels

Required: N/A

IMDG Shipping Name: Not regulated

IMDG Class: N/A

UN Number: N/A

IMDG Label: N/A

SECTION 15 - Regulatory Information

U.S. Federal

Regulations:

CERCLA 103 This product is not subject to CERCLA reporting requirements. Many states
Reportable Quantity: have more stringent release reporting requirements. Report spills required
under federal, state and local regulations.

SARA TITLE III:

Hazard Category for

Section 311/312: Chronic health

Section 313 Toxic Chemicals: This product contains the following chemicals subject to Annual Release Reporting Requirements Under SARA Title III, Section 313 (40 CFR 372):
None

Section 302 Extremely
Hazardous Substances (TPQ): _____None

EPA Toxic Substances

Control Act (TSCA) Status: All of the components of this product are listed on the TSCA inventory.

U.S. STATE REGULATIONS

California Proposition 65: This product contains the following known to the State of California to cause cancer: none

SECTION 16 - Other Information

HMIS Hazard Rating: Health –1* Fire Hazard – 0 Reactivity – 0
*Chronic Health Hazard

Disclaimer: The information contained herein is believed to be correct as of revision date.
Manufacturer and supplier shall not be liable for damages arising out of or in connection with the information obtained herein. It is intended to assist in the normal, safe usage of product. No warranty of any kind is expressed or implied as the accuracy, completeness or adequacy of the information obtained herein.

Material Safety Data Sheet



ITEM# 73-0526 - LIQUID FAST PART B

A 1 to 1 ratio (base to catalyst) room temperature
vulcanizing - silicone rubber product for making molds.

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

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Fax: 631-842-0028
Date Prepared: October 31, 2011
EMERGENCY CONTACT: CHEMTREC, Account# CCN 620995
24-Hour Telephone: USA & Canada: 1-800-424-9300
Outside USA & Canada: 1-703-527-3887
COLLECT CALLS ACCEPTED

SECTION 2 - Hazards Identification

Emergency Overview: May cause eye irritation. Prolonged overexposure to respirable crystalline silica may cause lung disease (silicosis) and increase the risk of lung cancer. However, the silica in this product is bound within the polymer matrix and no exposure to respirable crystalline silica is likely to occur under normal conditions of use.

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<u>Ingredient</u>	<u>CAS No. / EINECS No.</u>	<u>Percent (by wt)</u>
Crystalline Silica in the form of Quartz or Cristobalite	14808-60-7 / 238-878-4 14464-46-1 / 238-455-4	Less than 30%
Non-hazardous polymers	Proprietary	70-90 %

*See Section 16 for further information on EU Classification.

SECTION 4: First Aid Measures

Eye Contact: Flush eyes with large quantities of water, holding the eyelids apart. Get medical attention if irritation develops and persists.
Skin Contact: Wash skin with soap and water. Get medical attention if irritation develops and persists.
Ingestion: If swallowed, rinse mouth with water. Never give anything by mouth to an unconscious or convulsing person. Get immediate medical attention.
Inhalation: Remove victim to fresh air. If irritation or other symptoms persist, get medical attention.

SECTION 5: Fire Fighting Procedures

Extinguishing Media: Use media appropriate to the surrounding fire, CO₂, foam, or dry chemical.

Firefighting Procedures: Firefighters should wear full emergency equipment and an approved positive pressure self-contained breathing apparatus.

Unusual Fire/Explosion Hazards: None known

Known or Anticipated Hazardous Products of Combustion: Oxides of carbon, hydrocarbons, organic acids and aldehydes.

SECTION 6: Accidental Release Measures

Accidental Release Measures: Wear appropriate protective clothing as described in Section 8. Collect with an inert material and place in appropriate container for use. Report releases as required by local, state and federal authorities.

Personal Precautions: Avoid contact with eyes and skin. Use with adequate ventilation.

Environmental Precautions: Prevent entry into sewers and waterways, after product recovery - wash surface with water.

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0.025 mg/m³ TWA TLV (respirable fraction)
0.3 mg/m³ TWA UK WEL

Crystalline Silica, Cristobalite 0.025 mg/m³ TWA ACGIH TLV (respirable fraction) 10 mg/m³
TWA PEL (respirable fraction) 2 (% Silica + 2)

Engineering Controls: Use with adequate local exhaust ventilation to maintain exposures below the occupational exposure limits.

Personal Protective Equipment

Eye Protection: Safety glasses if needed to avoid eye contact.

Skin Protection: Wear impervious gloves if needed to avoid prolonged contact.

Respiratory Protection: None required in normal use. If the exposure limits are exceeded, an approved particulate respirator appropriate for the form and concentration of the contaminants should be used. Selection and use of respiratory equipment must be in accordance with applicable regulations and good industrial hygiene practice.

Other Protective Clothing or Equipment: Impervious clothing as needed to avoid contamination of personal clothing.

SECTION 9 - Physical and Chemical Properties

Appearance and Odor: Thick blue liquid with no odor.

Boiling Point: 300° C

Freezing Point: Not applicable

Solubility in Water: Insoluble

Vapor Pressure (mmHg):	Not determined
Evaporation rate:	Not determined
% Volatile by Volume:	Not applicable
Flammable Limits in Air:	LEL: Not applicable UEL: Not applicable
Melting Point:	Not available
Specific Gravity:	1.11 g/cm ³
pH:	Not applicable
Vapor Density:	Not determined
Viscosity:	Not determined
Flashpoint:	Not determined
Auto Ignition Temperature:	Not determined

SECTION 10 - Stability and Reactivity

Stability:	Stable in normal use and storage.
Conditions to Avoid:	None known.
Incompatibility with Other Materials:	Contact of the "Base" component with alkaline or acid substances could produce flammable hydrogen gas.
Hazardous Decomposition Products:	Thermal decomposition may produce dangerous Oxides of carbon, hydrocarbons, organic acids and aldehydes.
Hazardous Polymerization:	None known.

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Potential Health Effects

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Aggravated by Exposure:	Individuals with pre-existing skin disorders may be at increased risk from exposure.
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Acute Toxicity Data

Crystalline Silica (as Quartz):	Oral Rat LD50 - >22,500 mg/kg
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SECTION 12 - Ecological Information

Do not release to environment.

SECTION 13 - Disposal Considerations

Dispose in accordance with federal, state, and local regulations. Set materials (base and catalyst mixture) are non-hazardous.

SECTION 14 - Transport Information

DOT Shipping Name: Not regulated

DOT Hazard Class: N/A

UN Number: N/A

DOT Labels Required
(49CFR172.101): N/A

IATA Shipping Name: Not regulated

IATA Hazard Class: N/A

UN Number: N/A

IATA Hazard Labels Required: N/A

IMDG Shipping Name: Not regulated

IMDG Class: N/A

UN Number: N/A

IMDG Label: N/A

SECTION 15 - Regulatory Information

U.S. FEDERAL REGULATIONS:

CERCLA 103
Reportable Quantity: This product is not subject to CERCLA reporting requirements. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

SARA TITLE III:

Hazard Category For
Section 311/312: Chronic health

Section 313 Toxic Chemicals: This product contains the following chemicals subject to Annual Release Reporting Requirements Under SARA Title III, Section 313 (40 CFR 372): None

Section 302 Extremely
Hazardous Substances (TPQ): None

EPA Toxic Substances
Control Act (TSCA) Status: All of the components of this product are listed on the TSCA inventory.

U.S. STATE REGULATIONS

California Proposition 65: This product contains the following known to the State of California to cause cancer: none

SECTION 16 - Other Information

HMIS Hazard Rating: Health -1* Fire Hazard - 0 Reactivity - 0
*Chronic Health Hazard