



Division of Facilities Services

**DOD Hazardous Material Information (ANSI Format)  
For Cornell University Convenience Only**

**ALL CRETE 20 MINUTE SET 141-021W-111**

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**Section 1 - Product and Company Identification  
ALL CRETE 20 MINUTE SET 141-021W-111**

**Product Identification:** ALL CRETE 20 MINUTE SET 141-021W-111

**Date of MSDS:** 06/08/1989 **Technical Review Date:** 09/24/1992

**FSC:** 8040 **NIIN:** LIIN: 00F024664

**Submitter:** F BT

**Status Code:** C

**MFN:** 01

**Article:** N

**Kit Part:** N

<http://msds.ehs.cornell.edu/msds/msdsdod/a253/m126344.htm>

**Manufacturer's Information**

**Manufacturer's Name:** TREMCRETE SYSTEMS INC  
**Post Office Box:** N/K  
**Manufacturer's Address1:** 665 NORTH COUNTY RD 101  
**Manufacturer's Address2:** WOODLAND, CA 95695  
**Manufacturer's Country:** US  
**General Information Telephone:** (916) 666-3633  
**Emergency Telephone:** (916) 666-3633  
**Emergency Telephone:** (916) 666-3633  
**MSDS Preparer's Name:** F L MILLER  
**Proprietary:** N  
**Reviewed:** Y  
**Published:** Y  
**CAGE:** TREMC  
**Special Project Code:** N

**Preparer Information**

**Preparer's Name:** TREMCRETE SYSTEMS INC  
**Post Office Box:** N/K  
**Preparer's Address1:** 655 NORTH COUNTY ROAD 101  
**Preparer's Address2:** WOODLAND, CA 95695  
**Preparer's CAGE:** TREMC  
**Assigned Individual:** N

**Contractor Information**

**Contractor's Name:** TREMCRETE SYSTEMS INC  
**Post Office Box:** N/K  
**Contractor's Address1:** 655 NORTH COUNTY ROAD 101  
**Contractor's Address2:** WOODLAND, CA 95695  
**Contractor's Telephone:** 916-666-3633  
**Contractor's CAGE:** TREMC

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**Section 2 - Composition/Information on Ingredients**  
**ALL CRETE 20 MINUTE SET 141-021W-111**

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**Ingredient Name:** HYDRAULIC CEMENT  
**Ingredient CAS Number:** **Ingredient CAS Code:** X  
**RTECS Number:** **RTECS Code:** X  
**=WT: =WT Code:**  
**=Volume: =Volume Code:**  
**>WT: >WT Code:**  
**>Volume: >Volume Code:**  
**<WT: <WT Code:**  
**<Volume: <Volume Code:**  
**% Low WT: % Low WT Code:**  
**% High WT: % High WT Code:**  
**% Low Volume: % Low Volume Code:**

% High Volume: % High Volume Code:  
% Text: 5%  
% Enviromental Weight:  
Other REC Limits: N/K  
OSHA PEL: 10 MG/CUM OSHA PEL Code: M  
OSHA STEL: OSHA STEL Code:  
ACGIH TLV: 10 MG/CUM ACGIH TLV Code: M  
ACGIH STEL: N/P ACGIH STEL Code:  
EPA Reporting Quantity:  
DOT Reporting Quantity:  
Ozone Depleting Chemical:

**Ingredient Name:** PORTLAND CEMENT, CONTAINS: TRICALCIUM SILICATE, DICALCIUM SILICATE, TRICALCIUM ALUMINATE, TETRACALCIUM ALUMINOFERRATE

**Ingredient CAS Number:** 65997-15-1 **Ingredient CAS Code:** M

**RTECS Number:** VV8770000 **RTECS Code:** M

**=WT: =WT Code:**

**=Volume: =Volume Code:**

**>WT: >WT Code:**

**>Volume: >Volume Code:**

**<WT: <WT Code:**

**<Volume: <Volume Code:**

**% Low WT: % Low WT Code:**

**% High WT: % High WT Code:**

**% Low Volume: % Low Volume Code:**

**% High Volume: % High Volume Code:**

**% Text: 40%**

**% Enviromental Weight:**

**Other REC Limits:** 50 MPPCF (MSHA)

**OSHA PEL:** 15 MG/M3 TDUST **OSHA PEL Code:** M

**OSHA STEL:** OSHA STEL Code:

**ACGIH TLV:** 10 MG/M3 TDUST; 9293 **ACGIH TLV Code:** M

**ACGIH STEL:** N/P ACGIH STEL Code:

**EPA Reporting Quantity:**

**DOT Reporting Quantity:**

**Ozone Depleting Chemical:** N

**Ingredient Name:** POZZOLAN CEMENT

**Ingredient CAS Number:** **Ingredient CAS Code:** X

**RTECS Number:** **RTECS Code:** X

**=WT: =WT Code:**

**=Volume: =Volume Code:**

**>WT: >WT Code:**

**>Volume: >Volume Code:**

**<WT: <WT Code:**

**<Volume: <Volume Code:**

**% Low WT: % Low WT Code:**

**% High WT: % High WT Code:**

**% Low Volume: % Low Volume Code:**

**% High Volume: % High Volume Code:**

% Text: 5%

% Environmental Weight:

Other REC Limits: N/K

OSHA PEL: 15 MG/CUM OSHA PEL Code: M

OSHA STEL: OSHA STEL Code:

ACGIH TLV: 10 MG/CUM ACGIH TLV Code: M

ACGIH STEL: N/P ACGIH STEL Code:

EPA Reporting Quantity:

DOT Reporting Quantity:

Ozone Depleting Chemical:

**Ingredient Name:** SILICA DIOXIDE, CRYSTALLINE QUARTZ, SAND (SUSPECTED HUMAN CARCINOGEN BY IARC)

**Ingredient CAS Number:** 14808-60-7 **Ingredient CAS Code:** M

**RTECS Number:** VV7330000 **RTECS Code:** M

**=WT: =WT Code:**

**=Volume: =Volume Code:**

**>WT: >WT Code:**

**>Volume: >Volume Code:**

**<WT: <WT Code:**

**<Volume: <Volume Code:**

**% Low WT: % Low WT Code:**

**% High WT: % High WT Code:**

**% Low Volume: % Low Volume Code:**

**% High Volume: % High Volume Code:**

% Text: 50%

% Environmental Weight:

Other REC Limits: 0.05 MG/CUM NIOSH

OSHA PEL: SEE TABLE Z3 OSHA PEL Code: M

OSHA STEL: OSHA STEL Code:

ACGIH TLV: 0.1 MG/M3 RDUST;9293 ACGIH TLV Code: M

ACGIH STEL: N/P ACGIH STEL Code:

EPA Reporting Quantity:

DOT Reporting Quantity:

Ozone Depleting Chemical: N

**Ingredient Name:** THIXOTROPES, FLOW AGENTS

**Ingredient CAS Number:** **Ingredient CAS Code:** X

**RTECS Number:** **RTECS Code:** X

**=WT: =WT Code:**

**=Volume: =Volume Code:**

**>WT: >WT Code:**

**>Volume: >Volume Code:**

**<WT: <WT Code:**

**<Volume: <Volume Code:**

**% Low WT: % Low WT Code:**

**% High WT: % High WT Code:**

**% Low Volume: % Low Volume Code:**

**% High Volume: % High Volume Code:**

% Text: 5%

**% Environmental Weight:**  
**Other REC Limits:** N/K  
**OSHA PEL:** 15 MG/CUM OSHA PEL Code: M  
**OSHA STEL:** OSHA STEL Code:  
**ACGIH TLV:** 10 MG/CUM ACGIH TLV Code: M  
**ACGIH STEL:** N/P ACGIH STEL Code:  
**EPA Reporting Quantity:**  
**DOT Reporting Quantity:**  
**Ozone Depleting Chemical:**

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**Section 3 - Hazards Identification, Including Emergency Overview**  
**ALL CRETE 20 MINUTE SET 141-021W-111**

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**Health Hazards Acute & Chronic:** EYE: IRRITATION. SKIN: CEMENT DERMATITIS DUE TO PRIMARY IRRITATION FROM ALKALINE, HYDROSCOPIC, & ABRASIVE PROPERTIES. INHALATION: IRRITATION TO NOSE & RESPIRATORY TRACT, INFLAMMATORY LUNG CONDITION. INGESTION: GASTROINTESTINAL IRRITATION.

**Signs & Symptoms of Overexposure:**

EYE: IRRITATION. SKIN: CEMENT DERMATITIS DUE TO PRIMARY IRRITATION FROM ALKALINE, HYDROSCOPIC, & ABRASIVE PROPERTIES. INHALATION: SCARRING OF THE LUNGS W/COUGH & SHORTNESS OF BREATH. A DELAYED LUNG INJURY, SILICOSIS MAY RESULT FROM BREATHING FREE SILICA.

**Medical Conditions Aggravated by Exposure:**  
SILICOSIS

**LD50 LC50 Mixture:** N/K

**Route of Entry Indicators:**

**Inhalation:** YES  
**Skin:** NO  
**Ingestion:** YES

**Carcinogenicity Indicators**

**NTP:** NO  
**IARC:** YES  
**OSHA:** NO

**Carcinogenicity Explanation:** SILICA DIOXIDE IS A SUSPECTED HUMAN CARCINOGEN.

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**Section 4 - First Aid Measures**  
**ALL CRETE 20 MINUTE SET 141-021W-111**

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**First Aid:**

SKIN: WASH W/SOAP & WATER. EYES: FLUSH W/RUNNING WATER FOR 15 MINS. INHALATION: REMOVE TO FRESH AIR. AVOID FURTHER OVEREXPOSURE. INGESTION: OBTAIN MEDICAL ATTENTION IN ALL CASES.

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**Section 5 - Fire Fighting Measures**  
**ALL CRETE 20 MINUTE SET 141-021W-111**

**Fire Fighting Procedures:**

N/R

**Unusual Fire or Explosion Hazard:**

N/R

**Extinguishing Media:**

PRODUCT IS NOT EXPECTED TO BURN.

**Flash Point:** Flash Point Text: N/R

**Autoignition Temperature:**

Autoignition Temperature Text: N/A

Lower Limit(s): N/R

Upper Limit(s): N/R

**Section 6 - Accidental Release Measures**  
**ALL CRETE 20 MINUTE SET 141-021W-111**

**Spill Release Procedures:**

SWEEP UP. REUSE OR TRANSFER TO APPROPRIATE CONTAINER FOR DISPOSAL.

**Section 7 - Handling and Storage**  
**ALL CRETE 20 MINUTE SET 141-021W-111**

**Handling and Storage Precautions:**

**Other Precautions:**

**Section 8 - Exposure Controls & Personal Protection**  
**ALL CRETE 20 MINUTE SET 141-021W-111**

**Respiratory Protection:**

USE APPROPRIATE, PROPERLY FITTED NIOSH/MSHA APPROVED RESPIRATOR WHEN THE AIRBORNE DUST CONCENTRATION IS >TLV.

**Ventilation:**

ADEQUATE TO KEEP Protective Gloves:

RUBBER OR OTHER SUITABLE

**Eye Protection:** SUITABLE SAFETY GLASSES

**Other Protective Equipment:** TYPICAL FULL COVER CLOTHING

**Work Hygienic Practices:** CLEAN HANDS THOROUGHLY AFTER HANDLING.

**Supplemental Health & Safety Information:** N/K

**Section 9 - Physical & Chemical Properties**  
**ALL CRETE 20 MINUTE SET 141-021W-111**

**HCC:**

**NRC/State License Number:**

**Net Property Weight for Ammo:**

<http://msds.ehs.cornell.edu/msds/msdsdod/a253/m126344.htm>

**Boiling Point:** Boiling Point Text: N/R  
**Melting/Freezing Point:** Melting/Freezing Text: N/R  
**Decomposition Point:** Decomposition Text: N/K  
**Vapor Pressure:** N/R **Vapor Density:** N/R  
**Percent Volatile Organic Content:**  
**Specific Gravity:** 2.75  
**Volatile Organic Content Pounds per Gallon:**  
**pH:** N/R  
**Volatile Organic Content Grams per Liter:**  
**Viscosity:** N/P  
**Evaporation Weight and Reference:** N/R  
**Solubility in Water:** N/R  
**Appearance and Odor:** GRAY POWDER, ODORLESS.  
**Percent Volatiles by Volume:** N/R  
**Corrosion Rate:** N/K

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**Section 10 - Stability & Reactivity Data**  
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**Stability Indicator:** YES  
**Materials to Avoid:**  
N/R  
**Stability Condition to Avoid:**  
N/K  
**Hazardous Decomposition Products:**  
N/K  
**Hazardous Polymerization Indicator:** NO  
**Conditions to Avoid Polymerization:**  
N/K

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**Section 11 - Toxicological Information**  
**ALL CRETE 20 MINUTE SET 141-021W-111**

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**Toxicological Information:**  
N/P

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**Section 12 - Ecological Information**  
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**Ecological Information:**  
N/P

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**Section 13 - Disposal Considerations**  
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**Waste Disposal Methods:**  
DISPOSE OF IN ACCORDANCE W/LOCAL, STATE, & FEDERAL REGULATIONS.

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**Section 14 - MSDS Transport Information**  
**ALL CRETE 20 MINUTE SET 141-021W-111**

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**Transport Information:**  
N/P

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**Section 15 - Regulatory Information**  
**ALL CRETE 20 MINUTE SET 141-021W-111**

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**SARA Title III Information:**  
N/P

**Federal Regulatory Information:**  
N/P

**State Regulatory Information:**  
N/P

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**Section 16 - Other Information**  
**ALL CRETE 20 MINUTE SET 141-021W-111**

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**Other Information:**  
N/P

**HAZCOM Label Information**

**Product Identification:** ALL CRETE 20 MINUTE SET 141-021W-111

**CAGE:** TREMC

**Assigned Individual:** N

**Company Name:** TREMCRETE SYSTEMS INC

**Company PO Box:** N/K

**Company Street Address1:** 655 NORTH COUNTY ROAD 101

**Company Street Address2:** WOODLAND, CA 95695 US

**Health Emergency Telephone:** (916) 666-3633

**Label Required Indicator:** Y

**Date Label Reviewed:** 09/24/1992

**Status Code:** C

**Manufacturer's Label Number:** N/R

**Date of Label:** 09/24/1992

**Year Procured:** N/K

**Organization Code:** F

**Chronic Hazard Indicator:** Y

**Eye Protection Indicator:** YES

**Skin Protection Indicator:** YES

**Respiratory Protection Indicator:** YES

**Signal Word:** WARNING

**Health Hazard:** Moderate

**Contact Hazard:** Slight

**Fire Hazard:** None

**Reactivity Hazard:** None

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