



First Materials & Technology, Inc.

1089 Los Ranchitos, Cameron, Texas, 76520

Chemistry and Mechanics at Work

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Material Safety Data Sheet

Identity (As used on Label and List)

"**TRU-CHEM**"[®]

Note : blank spaces are not permitted. If any space is not applicable, or no information is available, the space must be marked to indicate that.

I. Manufacturer's Information

Manufacturer's Name: First Materials & Technology, Inc.

Address: 1089 Los Ranchitos

Cameron, TX 76520-9509

Emergency telephone number: 1-800-255-3924

Telephone number for information: 1-877-365-3507

Date prepared : June 15, 1994

Revised: February 1, 2000

II. Hazardous Ingredients/Identity Information

Hazardous components (chemical identity, common names(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended
Calcium Oxide CAS # 1305-78-8	5 mg/m ³	2 mg/m ³ ACGIH TLV	

III. Environmental Characteristics

Listed on toxic substances control act (TSCA): No Marine pollutant: No Ozone depleting substances (ODS): No

RCRA Listed (40 CFR Part 261, Subpart D (1992)): No

Flash point : 141 F : material is solid, but is not ignitable according to 40 CFR. 8 261.21 (1992) pH : RCRA 2.0-12.5 : within acceptable range

IV. Physical/Chemical Characteristics

Boiling point: 2850oC/5162oF Specific gravity (water=1): 3.2-3.34 Vapor pressure (mm Hg): N/A Melting point: 2570°C/4658°F

Vapor density (air=1): N/A Evaporation rate (butyl acetate = 1): N/A Solubility in water: negligible, 0.054-0.14%

Appearance and odor: white powder, odorless

V. Fire and Explosion data

Flash point (method used): N/A Flammable limits: LEL N/A UEL N/A

NFPA Code

Extinguishing media: N/A Special fire fighting procedures: N/A N/A N/A

Unusual fire and explosion hazards: N/A



V. Health Hazard Data

Threshold limit value: N/A

Effects of Overexposure: Acute or chronic irritation of eyes, skin, mucous membranes, and lungs could result from long-term unprotected overexposure.

Emergency and Skin : Wash with mild soap and water

First Aid Procedures Ingestion : keep warm, at rest and drink large amounts of water. See physician.

Eyes : Thoroughly flush with water. See physician.

Inhalation : Move to fresh air. Consult a physician.

Medical Conditions Aggravated By Exposure: Persons with history of respiratory illness and reduced pulmonary function should avoid work places with high dust levels. Persons with skin disorders must wear protective clothing when working in dusty environments.

VI. Reactivity Data

Stability Stable: yes Avoid uncontrolled introduction of water into the raw product due to the exothermic nature of the resulting reaction.

Unstable: N/A Incompatibility (materials to avoid): none known Hazardous Decomposition Products: none known

Hazardous Polymerization May Occur: N/A Conditions to avoid: none known Will Not Occur : yes

VII. Spill or Leak Procedures

Steps To be Taken If Material Released Or Spilled: Clean up spilled material, re-use or dispose in landfill. Do not use compressed air.

Do not transport in open-bed trucks.

Waste Disposal Method: Dispose of in a landfill. Observe local, state, and federal regulations. This product is not a RCRA listed hazardous waste.

VIII. Special Protection Information

Respiratory Method (specify type): Single use, replaceable or removable filters for dust MSHA/NIOSH Approval #TC-21C-XXX

Ventilation Local exhaust: when possible use dust collector Special : none

Mechanical (general): for indoor work places Other : none

Protective Gloves: Normal work gloves Eye Protection: Safety goggles in dusty operations

Other Protective Equipment Recommended: coveralls in high concentration conditions.

IX. Special Precautions

Handling & Storage: Store in dry conditions. Avoid creating dust. Practice normal hygiene procedures.

If product is handled, wash exposed areas after handling.