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PHOENIX PRODUCT CO.. PRODUCT NAME: DIATOMACEOUS EARTH MATERIAL
55 CONTAINER DR SAFETY DATA
TERRYVILLE, CT 06786 SHEET
(860) 589-7502 2/25/02

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SECTION I - IDENTIFICATION

CHEMICAL NAME & SYNONYMS: Silica
CHEMICAL FAMILY: N/A
FORMULA: Predominantly SiO₂
TRADE NAME: Diatomaceous Earth
DESCRIPTION: White to off white powder; odorless.
CAS NO. 68855-54-9

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SECTION II - PHYSICAL DATA

Boiling Point: N/A **Melting Point:** N/A
Vapor Pressure: N/A **Specific Gravity (H₂O=1):** 2.35
% Volatile by Volume: N/A **Vapor Density:** N/A
Solubility in water: Slight **Evaporation Rate:** N/A

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SECTION III - HAZARDOUS INGREDIENTS

MATERIAL	CAS NO.	% BY WEIGHT	PERMISSIBLE EXPOSURE LIMIT
Flux Calcined	68855-54-9	100	6.069 mg/m ³ Respirable mass

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SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point: N/A **Autoignition Temp:** N/A
Flammable Limits in Air % By Volume: N/A
Extinguishing Media: N/A
Special Fire Fighting Procedures: None
Unusual Fire and Explosion Hazards: None

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SECTION V - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE:
Inhalation: Primary route of entry. TARGET ORGAN: Lungs. May cause coughing, irritation of nose and throat and congestion may occur.
Skin: N/A
Eye: Temporary irritation and/or inflammation.
Ingestion: Non hazardous.

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SECTION VI - EMERGENCY AND FIRST AID PROCEDURE

INHALATION: Remove to fresh air, away from dusty area. Drink water to clear throat and blow nose to evacuate dust. Consult a physician if irritation persists.
SKIN: Wash off in flowing water or shower.
EYE: Do not rub eyes. Flush with water for at least 15 minutes. Consult a physician if irritation persists.
INGESTION: N/A

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SECTION VII - REACTIVITY DATA

Stability: Stable
Conditions to Avoid: None

Incompatibility (materials to avoid): Hydrofluoric acid

Hazardous Decomposition: Reacts with Hydrofluoric acid to form toxic silicon tetrafluoride gas.

Hazardous Polymerization: Will not occur.

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SECTION VIII - SPILL, LEAKAGE & DISPOSAL PROCEDURES

Steps to take if material leaks or spills: Vacuum clean or wet sweep; avoid dusting; use a dust depressant when sweeping.

Waste disposal method: This is Not a hazardous material. Place waste and spillage in closed containers. Dispose of in approved landfill. Must comply with all Federal, State and Local regulations.

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SECTION IX - SPECIAL PROTECTION DATA

Ventilation: Local Exhaust: keep dust levels below PEL

Eye Protection: Wear safety glasses. Do Not wear contact lenses while handling this product.

Respiratory Protection: Use an approved NIOSH mist respirator.

Protective Gloves: Not required. May use gloves to protect overly sensitive skin.

Other Equipment: Eye wash station should be located near work area.

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SECTION X - SPECIAL PRECAUTIONS DATA

Handling and Storage: Store in dry place. Repair all broken bags immediately. Avoid creating dust. Maintain good housekeeping practices.

Other: None.

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SECTION XI - TRANSPORTATION INFORMATION

This material is not a hazardous material and is not regulated by the D.O.T.

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The information herein is given in good faith but no warranty, expressed or implied, is made.

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THE PHOENIX PRODUCTS COMPANY.
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