Material Safety Data Sheet

Section I. Identity of Product and Importer or Producer

Trade Name: BLACKBIRD CLAY
Chemical Name: Hydrous Aluminum Silicate
CAS Number: 1332-58-7

As Marked on Bag: Blackbird Clay

Importer/Producer Name and Address:
HAMILL & GILLESPIE, INC.
P.O. BOX 104
LIVINGSTON, NJ 07039

Telephone Number:
For Emergency and Information: 201/994-3650
Date Prepared: 1/31/91
Reviewed: 11/1/96

Section II. Hazardous Ingredients & Occupational Exposure Limits

Quartz (Respirable) < 24% by dry weight
CAS # 14808-60-7. Much is not fine enough to be normally respirable

OSHA PEL's
8-hr TWA: 0.39 mg/m³ (Total Respirable Dust)
8-hr TWA: 1.15 mg/m³ (Total Airborne Dust)

ACGIH TLV, 1989-90
TLV-TWA = 0.1 mg/m³ (Respirable Dust)

Section III. Physical Data

Physical State: Solid
Fusion Range: 1160-1175°C
Solubility in Water: Slightly Soluble
Vapor Pressure: Not Applicable
Odor and Appearance: Brown powder, earthy odor

Specific Gravity: 2.6
% Volatile (Below 100°C): None

Section IV. Fire and Explosion Hazard Data

Non-flammable and Non-Explosive

Section V. Reactivity Data

Stability: Chemically Stable
Incompatibility (Materials to Avoid): None Known
Hazardous Polymerization: Will Not occur
Reactivity, and under what conditions: None Known
SECTION VI. HEALTH HAZARD DATA

OCCUPATIONAL EXPOSURE LIMITS: See Section II-
CARCINOGENICITY: Quartz has not been classified as a carcinogen by
NTP or OSHA. IARC has indicated that "there is limited evidence
for the carcinogenicity of crystalline silica to humans."

SUMMARY OF RISKS:
Short-term: Exposure to crystalline or amorphous quartz may lead
to dryness of skin and mucous membranes.
Long-term: Prolonged exposure to respirable quartz may cause
silicosis.

FIRST AID:
Eyes: Flush thoroughly with water. Ingestion: No known hazard.
Skin: Wash off with soap and water.
Inhalation: Remove exposed person to fresh air and support
breathing as required.
NOTE: For all cases above, consult physician if conditions persist.

SECTION VII. SPILL, LEAK AND DISPOSAL INFORMATION

Action to be taken in case material is released or spilled:
Clean up and collect, minimizing excessive dust. Use a dustless
system, such as wet sweeping or a vacuum, to maintain airborne
dust levels below the Permissible Exposure Limits (See Section II)

Waste disposal method:
Any approved solid waste disposal, including burial. Comply
with Federal, State and local regulations.

SECTION VIII. SPECIAL PROTECTION INFORMATION

Respiratory Protection: If dust concentrations exceed recommended
Permissible Exposure Limits, use NIOSH approved dust-respirators. If
spraying coatings use NIOSH approved dust/mist respirators.
Ventilation: Local exhaust or other ventilation that will reduce
dust concentrations to less than Permissible Exposure Limits is
recommended. Use adequate ventilation if spraying coatings.
Eye Protection: Wear tight fitting goggles if high dust
concentrations exist.
Other Protective Equipment: None required
Other Comments: Impervious gloves or clothing may be worn to minimize skin
irritation. Never eat, drink, smoke or wear contact lenses in work areas.

SECTION IX. SPECIAL PRECAUTIONS

Minimize dust generation and exposure. Do not breathe dust.