



#85539 *Barnard SUP 10/82*  
**Hammill & Gillespie, Inc.**

ESTABLISHED 1848

**Importers, Exporters & Manufacturers**

154 S. LIVINGSTON AVE. P.O. BOX 104, LIVINGSTON, NJ 07039 U.S.A.  
TELEPHONE: (201) 994-3650 TELEX: 139114 (HAMGIL LVON)

NON-METALLIC  
MINERAL PRODUCTS  
AND  
CHEMICALS  
NATURAL, PROCESSED  
AND SYNTHETIC

**MATERIAL SAFETY DATA SHEET**

To comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200

**SECTION I. IDENTITY OF PRODUCT AND IMPORTER OR PRODUCER**

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

As Marked on Bag: Blackbird Clay

Importer/Producer Name and Address:

Telephone Number:

HAMMILL & GILLESPIE, INC.  
P. O. BOX 104  
LIVINGSTON, NJ 07039

For Emergency and Information  
201/994/3650

Date Prepared: 11/22/85  
Prepared By: R. P. Isaacs

**SECTION II. HAZARDOUS INGREDIENTS**

Total free silica (Quartz) by dry weight: 15%  
Much of this is not fine enough to be normally respirable.

See Section VI.

**SECTION III. PHYSICAL DATA**

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-Hazardous**

**SECTION V. REACTIVITY DATA**

Stability: Stable

Incompatibility (Materials to Avoid): None  
Hazardous Polymerization: Will NOT occur

Data, information, and recommendations recorded herein are believed to be accurate. Hammill & Gillespie, Inc. makes no warranty, either expressed or implied, with respect thereto and disclaims all liability from reliance thereon.

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**SECTION VI. HEALTH HAZARD DATA**

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OSHA Permissible Exposure Limit (PEL): Total Dust mg/m<sup>3</sup>: 1.67  
Respirable Dust\* mg/m<sup>3</sup>: 1.05

\*Based upon free silica content

Route of Entry: Inhalation

Effects of Overexposure:

Short Term - Probably no effect other than as a nuisance dust

Long Term - Long term exposure to dust and free silica in concentrations higher than recommended PEL may cause silicosis.

First Aid: Eyes - Flush thoroughly with water. See a physician if irritation persists.

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**SECTION VII. SPILL, LEAK AND DISPOSAL INFORMATION**

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Action to be taken in case material is released or spilled:

Clean up and collect, minimizing excessive dust\*

Waste disposal method:

Any approved solid waste disposal including burial.\*

\*Do not exceed recommended PEL - See Section VI.

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**SECTION VIII. SPECIAL PROTECTION INFORMATION**

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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: Not required.

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**SECTION IX. SPECIAL PRECAUTIONS**

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Minimize dust generation and exposure. Do not breathe dust.