DPM 1344

DAC 25-1837 (REV. 8-70)

HAZARDOUS MATERIALS DATA SHEET
(PLEASE COMPLETE APPLICABLE SECTIONS)

1. PRODUCT NAME, NUMBER, SYNONYM: Oakite 161

2. MANUFACTURER'S NAME: OAKITE PRODUCTS, INC.

3. MANUFACTURER'S ADDRESS: 50 Valley Road, Berkeley Heights, New Jersey 07922

4. PROCEDURE IN CASE OF BREAKAGE OR LEAKAGE: Sweep up dry powder; transfer to another container. For powder or solutions, flush area with water and neutralize with dilute acid (i.e. acetic).

5. TRANSPORTATION AND STORAGE REQUIREMENTS: May be shipped by any common carrier. Freight classification is "Cleaning Compound NOIBN Powder". Suitable for general indoor storage at moderate temperatures; there is slight caking at high temperature storage. Keep container covered when not in use.

6. FIRST AID TREATMENT:

A. SKIN CONTACT: Flush with plenty of water.

B. EYE CONTACT: Flush with plenty of water for at least 15 minutes and get medical attention.

C. INHALATION: N/A

D. ANTIDOTE IN CASE OF SWALLOWING: Do not induce vomiting. Dilute by drinking large quantities of water or milk. Get medical attention.

7. PHYSIOLOGICAL PROPERTIES:

A. ACUTE ORAL TOXICITY: Moderately to severely toxic.

B. LOCAL EFFECTS UPON EYES: May cause irritation or burns.

C. LOCAL EFFECTS UPON SKIN: May cause irritation or burns.

D. ESTIMATE OF ACUTE HAZARD BY INHALATION (VOLATILE MATERIALS): No toxic vapors.

E. WARNING PROPERTIES (ODOR, IRRITATION TO EYES, NOSE OR THROAT): May cause irritation of mucous membranes.

F. ESTIMATED THRESHOLD LIMIT VALUE (IF NOT ON CURRENT LIST BY AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS): Unknown.

8. CHEMICAL AND PHYSICAL PROPERTIES:

A. SPECIFIC GRAVITY (WATER = 1) Bulk density 9.6 lbs/gal.

B. VAPOR DENSITY (AIR = 1) N/A

C. VAPOR PRESSURE mm Hg AT 25° C. N/A

D. pH 12.3 at 1 oz/gal.

E. CORROSIVE ACTION ON COMMON MATERIALS SUCH AS: ALUMINUM, MAGNESIUM, PLEXIGLAS, RUBBER, LACQUERS, ENAMELS, FABRICS: Safe on metals when used as recommended. Should be safe on plexiglas, rubber and fabrics. Should not be used on paint or other surfaces sensitive to alkaline materials.

F. DOES THE MATERIAL DECOMPOSE EN EXPOSED TO AIR? WATER? HEAT? STRONG OXIDIZERS? No

G. FOR MIXTURES GIVE THE PERCENTAGE COMPOSITION OF INGREDIENTS:

COMPOUND	PERCENT
Sodium metasilicate	< 65
Tetrasodium pyrophosphate	< 25
Sodium carbonate	< 15
Polypropylene glycol	< 5
Nonionic surfactant (biodegradable)	< 1

NOTE: GENERALIZATIONS SUCH AS PETROLEUM HYDROCARBONS, ALCOHOL, KETONES, CHLORINATED HYDROCARBONS, ETC., ARE NOT ADEQUATE FOR TOXICOLOGICAL EVALUATION. PROPER CHEMICAL NAMES MUST BE KNOWN.

H. DOES THE MATERIAL GENERATE HEAT THROUGH POLYMERIZATION OR CONDENSATION? No

9. PRECAUTIONS FOR NORMAL CONDITIONS OF USE: Avoid breathing dust from dry powder. AVoid prolonged skin contact. Do not get in eyes.

10. RECOMMENDED PROTECTIVE EQUIPMENT: Use dust mask when handling dry powder. Use rubber or synthetic gloves, safety goggles, and apron.

11. A. FLASHPOINT °F: CLOSED CUP None ; OPEN CUP _____ ; IF F.P. CHANGES DURING EVAPORATION GIVE DATA:

B. EXPLOSIVE LIMITS (% VOL. AIR): N/A LOWER _____ ; UPPER _____

C. SUSCEPTIBILITY TO SPONTANEOUS HEATINGS: YES _____ ; NO X

D. FIRE POINT °F N/A ; AUTO IGNITION TEMPERATURE °F N/A

E. VAPOR DENSITY N/A

F. WHAT PRODUCTS MIGHT BE FORMED IN THE EVENT OF FIRE OR ABNORMAL TEMPERATURES? N/A

G. SUITABLE EXTINGUISHING AGENTS: Will not burn or support combustion.

12. INFORMATION FURNISHED BY: Corinne A. Martinelli

TITLE: Ecologist

COMPANY: OAKITE PRODUCTS, INC.

ADDRESS: 50 Valley Road, Berkeley Heights, New Jersey 07922

DATE: January 20, 1972

NOTE: INFORMATION IN REGARD TO A MATERIAL'S COMPOSITION WILL BE USED FOR THE PURPOSE OF COMPLYING WITH LOCAL, STATE AND FEDERAL ORDINANCES, LAWS AND CODES, AND REQUIREMENTS OF GOVERNMENTAL AGENCIES.

THE COMPLETED FORM SHOULD BE RETURNED TO PURCHASING, DOUGLAS AIRCRAFT DIVISION, LONG BEACH, CALIF. 90801.