

HARCROS CHEMICALS INC  
KANSAS CITY, KANSAS

kaopaque  
kaolin

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: CLAY KAOPAQUE 20 50# DATE: 12/17/89 PAGE 01  
PRODUCT CODE: 16-06369-00

CAS # 001332-58-7

FORMULA: UNK

CHEMICAL FAMILY: UNK

CHEMICAL NAME AND SYNONYMS: KAOPAQUE 10; KAOPAQUE 10S; KAOPAQUE 20

MANUFACTURERS NAME: Georgia Kaolin Company, Inc.

SUPPLIERS NAME: Harcros Chemicals Inc  
5200 Speaker Rd  
Kansas City

SUPPLIERS PHONE NUMBER: 913-321-3131 Ks 66106

TRANSPORTATION EMERGENCY PHONE NUMBER: 1-800-424-9300

S.A.R.A. INFORMATION

This product is exempt from reporting under current laws.

SECTION I Hazardous Ingredients

<u>Ingredient</u>	<u>Percent</u>	<u>TLV</u>
Kaolin Clay (an aluminum silicate mineral)	100%	PEL TLV 15 mg/m(3) for nuisance dust: OSHA <1% quartz, (or 5 mg/m(3) respirable dust)

SECTION II Health Hazards

Threshold Limit Value: See Section I.

Potential Effects of Exposure (listed by primary routes of entry)

Eyes: No hazard classification for eye contact.

Skin: No hazard classification for skin contact or skin  
absorption.

Inhalation: Exposure to large quantities over several years  
without use of a dust mask could affect respiratory function.  
See Am. Rev. Respir. Dis. 1983; 127:215-220; 231-235; 141-142.

Ingestion: No hazard classification for ingestion.

First aid:

Eyes: Flush with water for 15 minutes, holding eyelids apart to  
ensure flushing of the entire eye surface.

Skin: Wash with soap and water. Remove and launder contaminated  
clothing before reuse.

Inhalation: No acute effects. Remove to fresh air.

Ingestion: If vomiting occurs, hold head below hips to prevent

HARCROS CHEMICALS INC  
KANSAS CITY, KANSAS

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: CLAY KAOPAQUE 20 50# DATE: 12/17/89 PAGE 02  
PRODUCT CODE: 16-06369-00

SECTION II Health Hazards  
aspiration.

CONTINUED

Other Information:

Classified as a nuisance dust by the American Conference of  
Governmental and Industrial Hygienists.

Basis for Classification: Historical.

SECTION III Special Protection Information

Respiratory Protection: Respiratory face mask suggested for dusty  
conditions. When desired, MSA respirator model 8710 disposable  
type may be used.

Ventilation Required: Same as for any nuisance dust.

Protective Clothing:

Eyes: Not required; clear plastic shield may be used as  
convenience item.

Skin: Gloves not required; may be used as convenience item.

Additional Protective Measures: None.

SECTION IV Fire & Explosion Hazard Data

Flash Point (Method): Nonflammable

Flammable Limits (% Volume in Air):

Upper: N/A

Lower: N/A

Extinguishing Media: N/A - nonexplosive.

Special Fire Fighting Procedures: N/A

Unusual Fire and Explosion Hazards: N/A

SECTION V Physical Data

Boiling Point: N/A

Specific Gravity (H<sub>2</sub>O=1): 2.63

Vapor Pressure (MM HG.): UNK

Vapor Density (AIR=1): UNK

Evaporation Rate (\_\_\_\_=1): UNK

Solubility in Water: UNK

CONTINUED ON PAGE 03

HARCROS CHEMICALS INC  
KANSAS CITY, KANSAS

MATERIAL SAFETY DATA SHEET

-----  
PRODUCT NAME: CLAY KAOPAQUE 20 50# DATE: 12/17/89 PAGE 03  
PRODUCT CODE: 16-06369-00

SECTION V Physical Data

CONTINUED

Percent Volatile by Volume:

pH: 20% aqueous suspension - 4.5-7.0

Appearance and Odor: White solid, earthy odor.

SECTION VI Reactivity Data

-----  
Stability: None, inert and nonreactive.

Incompatibility: None, inert and nonreactive.

Hazardous Decomposition Products: None, inert and nonreactive.

Hazardous Polymerization: None, inert and nonreactive.

SECTION VII Spill and Leak Procedures

-----  
Steps to be taken if material is released or spilled: Same as for any nontoxic inert pigment.

Neutralizing Chemicals: None required. Material is inert.

Waste Disposal Method: Same as for any white inert pigment. Disposal must be in accordance with federal, state, and local regulations.

Aquatic Toxicity: Insignificant. TLM 96: over 1000 ppm

SECTION VIII D.O.T. Shipping Information

-----  
Proper Shipping Name: NONE

Hazard Class: NONE

ID Number: NONE

Label Requirements: NONE

Reportable Quantity: NONE

Other Information:

SECTION IX Additional Information

-----  
This information may be of importance to you:

SPECIAL PRECAUTIONS AND COMMENTS:

Aqueous slurry if slippery; care should be exercised when walking on spills on floors or concrete pads.

CONTINUED ON PAGE 04

HARCROS CHEMICALS INC  
KANSAS CITY, KANSAS

MATERIAL SAFETY DATA SHEET

-----  
PRODUCT NAME: CLAY KAOPAQUE 20 50# DATE: 12/17/89 PAGE 04  
PRODUCT CODE: 16-06369-00

SECTION IX Additional Information

CONTINUED

ADDITIONAL REGULATORY CONCERNS:

FDA - Generally recognized as safe if product is food grade, -  
21 CFR 186.1256; TSCA - Product is listed in initial inventory  
Vol. 1, Appendix A, CAS No. 1332-58-7

HMIS RATING:

Health-0  
Flammability-0  
Reactivity-0  
Special Protection-E

MANUFACTURER'S NAME:  
Georgia Kaolin Company, Inc.

ADDRESS:  
2700 U.S. Highway 22 East  
Union, N.J. 07083

TELEPHONE NO:  
(201) 851-2800