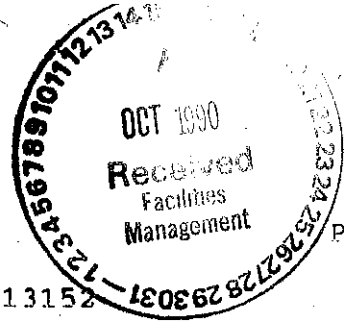


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MILLER CERAMICS INC.  
4022 MILL ROAD  
SKANEATELES, NEW YORK 13152

PHONE (315-685-8378)  
DATE: 5/90

MATERIAL SAFETY DATA SHEET\*

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

SECTION I. IDENTITY OF PRODUCT AND PRODUCER

TRADE NAME: MILLER MOIST CLAYS  
CHEMICAL NAME: HYDROUS ALUMINUM  
SILICATES

MARKINGS: WHITE CLAYS;  
#10, #10-G,  
#005, #15, #500, #500-G,  
#565, #510,  
#560, #550

CAS#

EMERGENCY PHONE:  
CHEMTREC: 1-800-424-9300  
MILLER CERAMICS: 1-315-685-8378  
LOCAL POISON CONTROL

SECTION II. INGREDIENTS AND HAZARDS

MATERIALS	CAS#	MAX. %
BALL CLAY	14808-60-7	40%
CHINA CLAY	1332-58-7	30%
FELDSPAR	68476-25-5	10%
QUARTZ*	7631-86-9	20%
DOLOMITE	16389-88-1	10%
WHITING	1317-65-3	10%

\*CRYSTALLINE SILICA HAS BEEN REVIEWED BY IARC. IARC FOUND LIMITED EVIDENCE FOR CARCINOGENICITY OF CRYSTALLINE SILICA IN HUMANS AND SUFFICIENT EVIDENCE IN EXPERIMENTAL ANIMALS.

SECTION III. PHYSICAL DATA

SPECIFIC GRAVITY: 2.0  
SOLUBILITY IN WATER: NEGLIGIBLE  
APPEARANCE AND ODOR: AS CLAY FROM THE GROUND, GREY COLOR.  
MELTING POINT: ABOVE 2500 F

SECTION IV. FIRE AND EXPLOSION DATA

FLASH POINT: N/A  
FLAMMABLE: N/A  
EXTINGUISH MEDIA: N/A  
EXPLOSION: N/A

SECTION V. REACTIVITY DATA

STABILITY: STABLE X UNSTABLE N/A CONDITIONS TO AVOID: NONE

INCOMPATIBILITY: N/A

HAZARDOUS DECOMPOSITION: AVOID FIRING FUMES

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

SECTION VI. HEALTH HAZARD INFORMATION

PRINCIPAL ROUTES OF ABSORPTION: INHALATION, INGESTION EFFECTS OF OVEREXPOSURE:

	<u>TLV</u>	<u>PEL</u>	<u>TOTAL DUST</u>
DOLOMITE	10mg/m3	5mg/m3	
FELDSPAR	10mg.m3		
CHINA CLAY		3.95mg/m3	
QUARTZ		.1 mg/m3	1.2mg/m3
WHITING	30MPPCF		
BALL CLAY	10mg/m3		

SHORT TERM- PROBABLY NO EFFECT OTHER THAN NUISANCE DUST.  
LONG TERM-EXPOSURE TO CLAY AND SILICA DUST IN CONCENTRATIONS HIGHER THAN RECOMMENDED PEL OR TLV MAY CAUSE SILICOSIS

EMERGENCY AND FIRST AID PROCEDURES:

EYES: DUST-WASH THOROUGHLY WITH WATER (SEE PHYSICAN IF IRRITATION PERSIST)

SOURCE OF HEALTH HAZARD DATA:

THIS MSDS WAS DEVELOPED FROM INFORMATION ON THE CONSTITUENT SUBSTANCES OF THIS COMPOUND, NOT FROM TEST DATA ON THE PRODUCT ITSELF.

SECTION VII. LEAK AND DISPOSAL PROCEDURES

DISPOSE OF IN ACCORDANCE WITH LOCAL STATE AND FEDERAL REGULATIONS.

CLEAN UP USING METHODS WHICH AVOID DUST. IF DUST IS GENERATED USE APPROPRIATE NIOSH APPROVED RESPIRATOR.

SECTION VIII. SPECIAL PROTECTION INFORMATION

IN EVERY STAGE OF USE, PROPER RESPIRATOR USE WILL REDUCE AND PROTECT FROM OVER EXPOSURE BEYOND PEL, TVL, LIMITS. USE NIOSH OR OSHA APPROVED RESPIRATORS FOR DUST.

SECTION IX SPECIAL PRECAUTIONS

ADHERENCE TO GOOD DUST CONTROL. PROCEDURES DESIGNED TO REDUCE EXPOSURE TO RESPIRABLE CRYSTALLINE SILICA, WILL GREATLY MINIMIZE THE RISKS ASSOCIATED WITH HANDLING THESE MATERIALS.