

MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing,
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

SECTION I

MANUFACTURER'S NAME MILLER CERAMICS, INC	EMERGENCY TELEPHONE NO. 315-685-8378
ADDRESS (Number, Street, City, State, and ZIP Code) 4022 MILL ROAD, SKANEATELES, NEW YORK 13152	
CHEMICAL NAME AND SYNONYMS CLAY HYDROUS ALUMINUM SILICATE	TRADE NAME AND SYNONYMS #10, #20, #40, #80
CHEMICAL FAMILY CLAY-FIRECLAY	FORMULA CAS # 1392-58-7

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
XXXXXXXX QUARTZ	5-30		BASE METAL		
XXXXXXXX IRON OXIDE			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	NA	SPECIFIC GRAVITY (H ₂ O=1)	2.4-2.65
VAPOR PRESSURE (mm Hg.)	NA	PERCENT VOLATILE BY VOLUME (%)	NA
VAPOR DENSITY (AIR=1)	NA	EVAPORATION RATE (_____ = 1)	NA
SOLUBILITY IN WATER	NA		
APPEARANCE AND ODOR	EARTHY ODOR WHEN WET		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	FLAMMABLE LIMITS	Lel	Uel
EXTINGUISHING MEDIA			
SPECIAL FIRE FIGHTING PROCEDURES	NON-FLAMABLE NON-HAZARDOUS		
UNUSUAL FIRE AND EXPLOSION HAZARDS			

MILLER - cont

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

N D Mineral Mixture SHORT TERM - NUISANCE

EFFECTS OF OVEREXPOSURE

N D Nuisance Dust LONG TERM - HEAVY EXPOSURE

HIGHER THAN PELOR TLV MAY CAUSE SILICOSIS

EMERGENCY AND FIRST AID PROCEDURES

Flush with lots of water consult Physician.

SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	
INCOMPATIBILITY (Materials to avoid)			
HAZARDOUS DECOMPOSITION PRODUCTS			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Clean up - Avoid dust - Reduse good clay. Throw bad clay away.

WASTE DISPOSAL METHOD

Landfill according to local, state and federal regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)		NIOSH/MSHA approved respirator	
VENTILATION	LOCAL EXHAUST	Required	SPECIAL
	MECHANICAL (General)		OTHER Adequate for Dust
PROTECTIVE GLOVES	NO	EYE PROTECTION	Optional use of goggles
OTHER PROTECTIVE EQUIPMENT	NONE		

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

~~XXXX~~ Avoid dust making do not inhale or injest dust.

OTHER PRECAUTIONS

NONE