

K57504

K57505C

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

PHONE (315-685-8378)
DATE:

MATERIAL SAFETY DATA SHEET*

*To comply with OSHA'S Hazard Communications Standard, 29 CFR 1910.1200

SECTION I. MATERIAL IDENTIFICATION

TRADE NAME: MILLER MOIST CLAYS

MARKINGS: MANGANESE
CLAYS: 50, 60, 70

CHEMICAL NAME:

SAS#

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

SECTION II. INGREDIENTS AND HAZARDS

MATERIALS	CAS#	MAX. %	PEL	TLV	TOTAL
BALL CLAY	1332-58-7	20%		10mg/m3	
QUARTZ	7631-86-9	15%	.42mg/m3	.42mg/m3	1.2mg/m3
FIRE CLAY	14808-60-7	50%		10mg/m3	
GROG		10%		10mg/m3	
MANGANESE	7439-96-5	8%	5mg/m3	5mg/m3	
IRON OXIDE	1317-61-9	5%	10mg/m3	5mg/m3	
DOLOMITE	16389-88-1	5%	5mg/m3	10mg/m3	
WHITING	1317-65-3	5%	10mg/m3	30MPPCF	
FELDSPAR	68476-25-5	10%		10mg/m3	
TALC	14807-96-6	3%	20MPPCF	2mg/CUM	
RED ART CLAY	14808-60-7	20%		10mg/m3	30mg/m3
ALUMINA	21645-51-2	5%	5mg/m3	5mg/m3	15mg/m3

SECTION III. PHYSICAL DATA

SPECIFIC GRAVITY: 2.4+
SOLUBILITY IN WATER: NEGLIGIBLE
APPEARANCE AND ODOR: VARIOUS COLORS, EARTH ODOR
MELTING POINT: ABOVE 2500 F

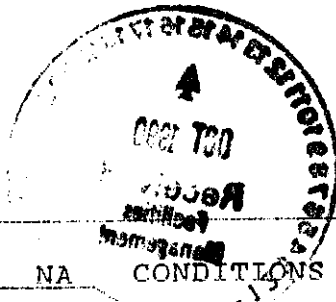
SECTION IV. FIRE AND EXPLOSION DATA

FLASH POINT: NA

EXTINGUISH MEDIA: NA

FLAMMABLE: NA

EXPLOSION: NA



SECTION V. REACTIVITY DATA

STABILITY: STABLE X UNSTABLE NA CONDITIONS TO AVOID: NA
INCOMPATIBILITY NA
HAZARDOUS DECOMPOSITION: AVOID FIRING FUMES
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

SECTION VI. HEALTH HAZARD INFORMATION

PRINCIPLE ROUTES OF ABSORPTION: INHALATION - INGESTION

EFFECTS OF OVEREXPOSURE: THE PROLONGED EXPOSURE BEYOND THE TLV, PEL LIMITS FOR MINERALS.

<u>MATERIAL</u>	<u>HEALTH EFFECT</u>
TALC	TALCOSIS
QUARTZ	SILICOSIS
MANGANESE	METAL FUME FEVER, DAMAGE CENTRAL NERVOUS SYSTEM
IRONOXIDE	SILICOSIS
WHITING	RESPIRATORY, DRYING OF NASAL PASSAGES
DOLOMITE	NUISANCE PARTICULATE, SOME SKIN IRRITATION.

EMERGENCY AND FIRST AID PROCEDURES: FLUSH EYES WITH LARGE AMOUNTS OF WATER-WASH SKIN WITH SOAP AND WATER-IF CONSCIOUS INDUCE VOMITING-IN EVERY CASE SEEK MEDICAL ATTENTION.

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. SPILL, 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, TLV, LIMITS. NIOSH OR OSHA APPROVED RESPIRATORS.

SECTION IX. SPECIAL PRECAUTIONS

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