



SAINT-GOBAIN CERAMICS & PLASTICS, INC.
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Flammability: 0 Health: 1
Reactivity: 0 Hazard: 0
Rating consistent with NFPA code

DATE: 05/13/2013

SECTION I – PRODUCT NAME

PRODUCT TRADE NAME, COMMON NAME OR SPECIFICATION: MK1106 (FIREFRAX #1)
CHEMICAL FAMILY OR PRODUCT TYPE: CERAMIC

SECTION II – COMPOSITION

<u>CHEMICAL NAME</u>	<u>%</u>	<u>COMMON NAME</u>	<u>REG Y/N</u>	<u>CAS#</u>	<u>PEL (MG/M3)</u>	<u>TLV (MG/M3)</u>	<u>CARCI-NOGEN Y/N</u>
SiO ₂	5-10	QUARTZ	Y	14808-60-7	.05	.05	Y
Al ₂ O ₃ SiO ₂	68-75	ALUMINUM SILICATE	Y	1302-76-7	10	10	N
KAOLIN	25-35	CLAY	Y	1332-58-7	10	10	N
Na SILICATE	15-20	SODIUM SILICATE	N	1344-09-8	10	10	N

Materials are regulated by OSHA 29 CFR 1910.1200. Hazard Communication Standard and/or Massachusetts General Law 111F, right to know regulations. All ingredients are listed under TSCA.

SECTION III – PHYSICAL AND CHEMICAL DATA

BOILING POINT: N/A	MELTING POINT: 1500 DEG. C	SPECIFIC GRAVITY: 2.5
VAPOR PRESSURE: NONE	PERCENT VOLATILE BY VOL: NONE	VAPOR DENSITY: NONE
EVAPORATION RATE: NONE	SOLUBILITY IN WATER: N/A	
SOLUBILITY IN OTHER SOLVENT: N/A	APPEARANCE: GRANULAR MATERIAL	
SOLUBILITY IN ALCOHOL: NONE		

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A	METHOD USED: N/A	FLAMMABLE LEL: N/A	UEL: N/A
EXTINGUISHING MEDIA: N/A		LIMITS:	
SPECIAL FIREFIGHTING PROCEDURES: N/A			

SECTION V – HEALTH, FIRST AID AND MEDICAL DATA

<u>PRIMARY ROUTE (S) OF ENTRY:</u>	<u>ACUTE AND CHRONIC HEALTH EFFECTS AND EFFECTS OF OVEREXPOSURE</u>	<u>FIRST AID/MEDICAL INFORMATION</u>
INHALATION:	ACUTE: IRRITATING; COUGHING, SHORTNESS OF BREATH. CHRONIC: MAY REDUCE LUNG CAPACITY IF PEL/TLV IS EXCEEDED.	REMOVE TO FRESH AIR. CONSULT PHYSICIAN.
INGESTION:	IRRITATING TO DIGESTIVE SYSTEM	CONSULT PHYSICIAN.
SKIN CONTACT & ABSORPTION:	ACUTE: IRRITATING. CHRONIC: MAY CAUSE DERMATITIS	WASH THOROUGHLY. CONSULT PHYSICIAN
EYE:	IRRITATING	FLUSH WITH RUNNING WATER FOR 15 MINUTES. CONSULT PHYSICIAN.



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SECTION V – HEALTH, FIRST AID AND MEDICAL DATA (Continued)

OTHER POTENTIAL HEALTH RISKS: NAIF NAIF

SECTION VI – CORROSIVITY AND REACTIVITY DATA

STABILITY: UNSTABLE: STABLE:

POLYMERIZATION: MAY OCCUR: WILL NOT OCCUR:

INCOMPATIBILITY (MATERIALS TO AVOID): NONE

DECOMPOSITION PRODUCTS: AT HIGH TEMPERATURE STEAM MAY BE RELEASED.

CONDITIONS TO AVOID: NONE

SECTION VII – STORAGE, HANDLING AND USE PROCEDURES

NORMAL STORAGE AND HANDLING: WHEN DUST IS GENERATED, KEEP DUST BELOW PEL/TLV LEVELS. SEE OSHA 29CFR 1910.1000 (AIR CONTAMINANTS) AND 29CFR 1910.94 (VENTILATION.)

NORMAL USE: SAME AS ABOVE

STEPS TO BE TAKEN IN CASE OF LEAKS OR SPILLS: COLLECT MATERIAL WITH PRECAUTION AGAINST BREATHING DUST AND DISPOSE OF AS SHOWN BELOW.

WASTE DISPOSAL METHOD: STANDARD LANDFILL METHODS CONSISTENT WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS.

SECTION VIII – PERSONAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: AS NEEDED, APPROVED DUST RESPIRATOR. SEE OSHA 29CFR 1910.134

VENTILATION: LOCAL: RECOMMENDED
MECHANICAL (GENERAL): RECOMMENDED
OTHER: NAIF

PROTECTIVE GLOVES: RECOMMENDED

EYE PROTECTION: RECOMMENDED. SEE OSHA 29CFR 1910.133

OTHER EQUIPMENT: NAIF

MEASURES TO BE TAKEN DURING REPAIR AND MAINTENANCE OF CONTAMINATED EQUIPMENT THAT HAS BEEN IN CONTACT WITH THIS MATERIAL: SEE SECTIONS VII AND VIII.

SECTION IX – SPECIAL PRECAUTIONS

OTHER PRECAUTIONS: NAIF

FOR COMPANY USE

THE INFORMATION AND RECOMMENDATIONS SET FORTH HEREIN ARE TAKEN FROM SOURCES BELIEVED TO BE ACCURATE AS OF THE DATE HEREOF; HOWEVER, SAINT-GOBAIN CERAMICS & PLASTICS, INC. MAKES NO WARRANTY WITH RESPECT TO THE ACCURACY OF THE INFORMATION OR THE SUITABILITY OF THE RECOMMENDATIONS, AND ASSUMES NO LIABILITY TO ANY USER THEREOF.

NAIF = NO APPLICABLE INFORMATION FOUND
N/A = NOT APPLICABLE