



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

DATE: 04/09/2010

SECTION I – PRODUCT NAME

PRODUCT TRADE NAME, COMMON NAME OR SPECIFICATION: EA198
CHEMICAL FAMILY OR PRODUCT TYPE: REFRACTORY OXIDE

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>
Al ₂ O ₃	84-87	ALUMINA	Y	1344-28-1	10	10	N
KAOLIN	10-12	CLAY	Y	1322-58-7	10	10	N
SiO ₂	3-6	QUARTZ	Y	14808-60-7	.05	.05	Y

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: 1900 DEG. C SPECIFIC GRAVITY: 3.5
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.



PRODUCT NAME: EA198

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