

MATERIAL SAFETY DATA SHEET

000396

CORPORATE HEALTH & SAFETY
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SECTION I, MATERIAL IDENTIFICATION		
Material Name: No. 6 Tile, SAF, Kaopaques, Velvacast, GK-129 CAS# 1332-58-7 <p style="text-align: center; font-size: 1.5em; font-family: cursive;">KAOLIN</p>		
SECTION II, INGREDIENT AND HAZARDS	%	HAZARD DATA
Ingredient — Kaolin Clay	> 97%	None
Water	< 3%	None
Predispersed: Sodium Polyacrylate/Soda Ash Dispersant Approx.	0.35%	None
Undispersed: No dispersant		
SECTION III, PHYSICAL DATA		
Boiling Point — Not Applicable Specific Gravity of Kaolin - 2.62 Appearance & Odor - White, earthy, odorless powder pH 20% aqueous suspension - Predispersed grades 6.0 - 7.5 - Undispersed grades 4.0 - 5.0		
SECTION IV, FIRE AND EXPLOSION DATA	LOWER	UPPER
Nonflammable, nonexplosive		
SECTION V, REACTIVITY DATA		
Conditions contributing to instability - None, inert and nonreactive. Incompatibility - None, inert and nonreactive. Hazardous Decomposition Products - None, inert and nonreactive. Conditions Contributing to Hazardous Polymerization - None, inert and nonreactive.		

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SECTION VI, HEALTH HAZARD INFORMATION **TLV (See Sect. II)**

Inhalation, skin contact, skin absorption, eye contact, ingestion:
Hazard Classification - None. Basis for classification: Historical.
Effects of acute or chronic overexposure: Might cause respiratory problem.
Emergency and First Aid Procedures: Eyes - flush with water.
Skin, inhalation, ingestion: No known hazard.

SECTION VII, SPILL, LEAK, AND DISPOSAL PROCEDURES

Aquatic toxicity: Insignificant. TLM 96: over 1000 ppm.
Waste Disposal Method: Same as for any white inert pigment.
Steps to be taken if material is released or spilled: Same as for any nontoxic inert pigment.
Neutralizing chemicals: None required. Material is inert.

SECTION VIII, SPECIAL PROTECTION INFORMATION

Ventilation requirements: Same as for any nuisance dust.
Specific Personal Protective Equipment: Respiratory face mask suggested for extreme dustings.
When desired MSA respirator model 8710 disposable type may be used.
Eye - not required; clear plastic shield may be use as convenience item.
Gloves or other protective clothing - not required.

SECTION IX, SPECIAL PRECAUTIONS AND COMMENTS

Aqueous slurry is slippery; care should be exercised when walking on spills on floors or concrete pads.
Additional Regulatory Concerns: FDA - Generally recognized as safe - 21 CFR 186.1256 TSCA; Product, a naturally occurring substance, is listed in Initial Inventory, Vol. 1, page 90 CAS No. 1332-58-7

Although reasonable care has been taken in the preparation of the information contained herein, Combustion Engineering, Inc. extends no warranties, makes no responsibility as to the accuracy or suitability of such information for application to purchaser's intended purposes or for consequences of its use.

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V HEALTH HAZARD INFORMATION

HEALTH HAZARD DATA	HAZARD CLASSIFICATION	BASIS FOR CLASSIFICATION	SOURCE
ROUTES OF EXPOSURE INHALATION	Not determined	TLV - TWA 8 hrs = 1 mg/M ³	29 CFR § 1910.12
SKIN CONTACT	Not irritating to skin (FHSLA)	Skin irritation Index (rabbits) = zero	Laboratory test on product
SKIN ABSORPTION	Not determined		
EYE CONTACT	Mild irritant.	Eye irritation score (rabbits) = 6.0; 3.7; and 0 at 24, 48 and 72 hours	Laboratory test on product
INGESTION	Moderate toxicity	Oral LD ₅₀ (rats) = 0.625 to 1.250 g/kg body weight	Laboratory test on product

EFFECTS OF OVEREXPOSURE

ACUTE OVEREXPOSURE

Copper ingestion is seldom fatal. Ingestion may cause vomiting as copper is an emetic.

CHRONIC OVEREXPOSURE

None known

EMERGENCY AND FIRST AID PROCEDURES

EYES: Wash eyes with large amounts of water for at least 15 minutes. See a physician.

SKIN: No special procedures.

INHALATION: Remove worker from exposure and seek medical aid.

INGESTION: Drink large quantity of water or milk. Seek medical aid.

NOTES TO PHYSICIAN