

Material Safety Data Sheet

Milestone HPC

Milestone Powder (White and Gray)

SECTION I

Artisan Finishes
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Product Type: Portland Cement

SECTION II- HAZARDOUS COMPONENTS

CAS NO.	Description	WT.%	OSHA PEL	ACGIH TLV
65977-15-1	PORTLAND CEMENT	58-63		
14808-60-7	SILICA, CRYSTALLINE- QUARTZ	14-20	0.05 mg/m ³	0.05 mg/m ³
14464-46-1	SILICA, CRYSTALLINE- CRISTOBALITE	7-12	0.05 mg/m ³	0.05 mg/m ³
12199-37-0	CLAY NUISANCE DUST	3-8		

SECTION III - PHYSICAL CHARACTERISTICS

DENSITY: 2.7-2.9
VAPOR DENSITY: Not Applicable
SOLIDS BY % WEIGHT: 100%
EVAPORATION RATE: Not Applicable
SOLUBILITY IN WATER: Not Applicable
APPEARANCE AND ODOR: White or gray powder with a slight earthy odor

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

OSHA FLAMMABILITY CLASS: Not flammable
FLASH POINT: Not applicable
FLAMMABLE LIMITS IN AIR BY VOLUME Not applicable
EXTINGUISHING MEDIA: FOAM, CO₂, DRY CHEMICAL, WATER FOG

SPECIAL FIREFIGHTING PROCEDURES: Evacuate all unnecessary personnel.
Use full protective equipment, including self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Product may splatter when heated. Vapors are heavier than air and may travel along the ground to distant sources of ignition.

SECTION V - REACTIVITY DATA

HAZARDOUS DECOMPOSITION PRODUCTS: Silicon Tetrafluoride
Phosphorous Compounds

INCOMPATIBILITY (MATERIALS TO AVOID): Acids Halogenated
Hydrocarbons Manganese Trioxide Trifluoride

STABILITY: Stable.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: High temperature and humidity.

SECTION VI - HEALTH HAZARD DATA

PRIMARY ROUTE(S) OF EXPOSURE: Inhalation, skin contact.

INHALATION: Dusts and particles cause irritation to nose, throat and lungs (possible burning, stinging, coughing).

EYES: Contact with dust and particles cause irritation (redness, watering, itching, stinging, blurred vision).

SKIN: Contact may cause irritation, especially with prolonged or repeated exposure.

CHRONIC EFFECTS FROM LONG TERM/REPEATED EXPOSURE: Contains ingredients suspected of causing or known to cause damage to: liver, lungs, dermatitis or other skin disorders. This product contains a form of Crystalline Silica. Long-term exposure to high levels of Crystalline Silica dusts may result in silicosis, a disabling lung disease. Always wear appropriate respiratory protection when exposed to sanding or grinding dusts. The following statement is required by California Proposition 65 (Safe Drinking Water and Toxic Reform Act of 1986). Warning! This product contains a chemical known to the state of California to cause cancer.

Crystalline Silicas are classified by IARC as potential human carcinogens. Inhalation of Crystalline Silica dusts may cause lung tumors. Risk of

cancer depends on level and duration of exposure. Crystalline Silicas are also listed as carcinogens by OSHA and the NTP.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:
Respiratory tract irritation, nausea, eye disorders, skin disorders, sensitization to chemical substances.

SECTION VII - FIRST AID PROCEDURES

SWALLOWING: Get medical attention immediately.

INHALATION: Remove from exposure to fresh air. If conditions persist, get medical attention immediately.

EYE: Immediately flush with plenty of water for 15 minutes, while lifting upper and lower eyelids. Get medical attention.

SKIN: Wash with soap and water. Remove contaminated clothing and shoes. Wash or clean thoroughly before reuse. Get medical attention if irritation persists.

OTHER: Have Material Safety Data Sheet available if possible when calling Poison Center, Emergency Room or Physician.

SECTION VIII - PERSONAL PROTECTION

RESPIRATORY PROTECTION: Use NIOSH approved respirator designed for dusts. Follow respirator manufacturer's instructions for use.

VENTILATION: Provide general mechanical ventilation or local exhaust to keep dust concentrations below the PEL's and TLV's in section II.

HAND PROTECTION: Wear impermeable gloves to prevent skin contact. Consult safety equipment supplier for specific recommendation of construction material.

EYE PROTECTION: Wear safety glasses, with side shields, designed to protect eyes against dusts. Note: Contact lenses may contribute to the severity of an eye injury and should not be worn when working with chemicals and particulate.

OTHER PROTECTIVE EQUIPMENT: When necessary, wear protective clothing, including head cap, to avoid skin contact.

WORK/HYGIENIC PRACTICES: Eye washes and safety showers are recommended in the workplace. Wash hands after using and before eating, drinking or using tobacco products. Thoroughly clean contaminated clothing and shoes before reuse. Periodically monitor exposure levels to hazardous ingredients listed in section II and review permissible limits.

SECTION IX - SPILL OR LEAK PROCEDURES

SPILLS: If material is spilled, ventilate area. Wear protective equipment. Avoid contact with liquid. Sweep up material and discard material. Prevent material from entering storm or sanitary sewers and open bodies of water.

WASTE DISPOSAL: Waste material and empty containers must be disposed of in accordance with all local, state and federal environmental control regulations.

SECTION X - SPECIAL PRECAUTIONS

HANDLING PRECAUTIONS: Use proper methods of ventilation to prevent excess dust. Avoid breathing dusts. Avoid contact with eyes and skin. Do not take internally. Use adequate methods of ventilation, respiratory and personal protective equipment. Do not remove or deface label. Do not transfer to unlabeled container.

SHIPPING AND STORAGE PRECAUTIONS: Keep containers closed when not in use and during transit. Keep in upright position and protect container from damage. Keep out of reach of children.

DOT CLASS: NOT REGULATED

SECTION XI - DISCLAIMER

DISCLAIMER: THE INFORMATION CONTAINED HEREIN HAS BEEN COMPILED FROM SOURCES CONSIDERED TO BE RELIABLE. TO THE BEST OF OUR KNOWLEDGE AND BELIEF, ALL INFORMATION IS ACCURATE AND IS PROVIDED IN GOOD FAITH. HOWEVER, NO GUARANTEE OF ACCURACY IS MADE OR IMPLIED.