

9715380 / U14204

4249.

(StoneCraft Cement mix)

MATERIAL SAFETY DATA SHEET #010

Milestones Products Company
15127 NE 24th St., Ste. 332
Redmond, WA 98052
(425) 882-1987

PRODUCT IDENTIFIER: StoneCraft mix

N/AV = Not available N/A = Not applicable

SECTION 1: PRODUCT IDENTIFICATION AND USE

Product identifier:
StoneCraft mix

PIN/UN NO: N/AV	MSDS NO: 010-0001	MOLECULAR WEIGHT: N/AV
--------------------	----------------------	---------------------------

Chemical name: mixture
Chemical family: cement-containing product
Chemical Family: mixture

Pest control product (PCP#): N/A	Stock number: 010-0001	Product group: stepping stone mix
-------------------------------------	---------------------------	--------------------------------------

Product use: Art and Craft material	CAS number: N/AV	TSCA status: on inventory
--	---------------------	------------------------------

Synonyms: Stepping stone mix	Means of classification: by manufacturer	OSHA hazard communication status: N/AV
---------------------------------	---	---

Manufacturer: Milestones Products Company 15127 NE 24 th St., Ste. 332 Redmond, WA 98052 (425)882-1987	Supplier: Milestones Products Company 15127 NE 24 th St., Ste. 332 Redmond, WA 98052 (425)882-1987
---	---

MATERIAL SAFETY DATA SHEET: StoneCraft mix

SECTION 2: HAZARDOUS INGREDIENTS

Hazardous ingredients:	% Ratio	CAS No. PIN No.	Test: Related info.:	Value:
CALCIUM SILICATES	10-30 W/W	N/AV N/AV	N/A N/AV	N/AV
CALCIUM OXIDE	0.5-1.5 W/W	1305-78-8 N/AV	N/A N/AV	N/AV
MAGNESIUM OXIDE	0.1-1.0 W/W	1309-48-4 N/AV	N/A N/AV	N/AV
SILICON DIOXIDE	0.1-1.0 W/W	14808-60-7 N/AV	ACGIII N/AV	TLV/TWA 0.1mg./M3
CALCIUM HYDROXIDE	1-5 W/W	1305-62-0 N/AV	ACGIII N/AV	TLV/TWA 5mg./M3
MAGNESIUM HYDROXIDE	0.5-1.5 W/W	1309-12-8 N/AV	N/AP N/AV	N/AV
CALCIUM CARBONATE	0.1-1.0 W/W	1317-65-3 N/AV	ACGIII N/AV	TLV/TWA 10mg./m3

SECTION 3: PHYSICAL DATA

Appearance: Mild earthy odor		Odor: Grey/white powder	
Physical state: Solid	Freezing point: N/A	Boiling point: N/A	Odor threshold N/A
Vapor pressure: N/A	Vapor density: N/A	Percent Volatile: N/A	Evaporation rate: N/A
pH: 12-13 (cement)	Specific gravity: 3.15 (cement)	Coeff Water/Oil: N/A	Percent soluble @ 20C: Slight

MATERIAL SAFETY DATA SHEET: StoneCraft mix

SECTION 4: FIRE AND EXPLOSION DATA			
Flammability: non-flammable	Extinguishing media: N/A	Special fire fighting procedures: N/A	Unusual fire/explosion hazards: none
Flashpoint (C) and method: N/A	Upper flammable limit (% volume): N/A	Lower flammable limit (% volume): N/A	Auto-ignition temp. C): N/A
Hazardous combustion products: N/A	Explosion data - sensitivities to: Impact: N/A Static discharge: N/A		

SECTION 5: REACTIVITY DATA	
Chemical stability: Yes	Incompatibility with other substances: N/A
Other reactivity concerns: When mixed with water may produce a caustic solution (pH 12 to 13).	
Hazardous polymerization: N/A	Hazardous decomposition products: N/A

SECTION 6: HEALTH HAZARD DATA				
Routes of entry				
Skin contact: Yes	Skin absorption: No	Eye contact: Yes	Inhalation: Yes	Ingestion: Yes
Acute exposure: Can dry the skin. Wet mixture may cause alkali burns. Dust may irritate eyes and upper respiratory system.				
Chronic exposure: Cement dust may cause inflammation of the cornea and of the inside of the nose. Hypersensitive individuals may develop allergic dermatitis. Excessive inhalation of silica dust may result in respiratory disease.				
Classified as a nuisance dust by OSHA, MSHA and ACGIH.				
Exposure limits:				
TWA: 10 mg/M3 cement dust	STEL: N/A	C: N/A	OSHA PEL: N/A	ACGIH TLV: N/A
Carcinogen by NTP: No	IARC monographs: See below	OSHA REGULATED: Not as carcinogen		
This product contains silica particles that may be broken down to the respirable size range during shipping, handling or use, and thus may be inhaled. The International Agency for Research on Cancer (IARC) has evaluated in Volume 42, Monographs on the Carcinogenicity risk of Chemicals to Humans, Silica and Some Silicates (1987) that there is "sufficient evidence for the carcinogenicity of crystalline silica to experimental animals" and "limited evidence" with respect to humans.				

MATERIAL SAFETY DATA SHEET – StoneCraft mix

SECTION 6: HEALTH HAZARD DATA, cont.

Irritation:

May irritate eyes, cause skin rash and irritate nose and throat if inhaled.

Sensitization:

Hypersensitive individuals may develop an allergic dermatitis.

Carcinogenicity:
N/A

Teratogenicity:
N/AV

Reproductive toxicity:
N/AV

Mutagenicity:
N/AV

Synergistic products:
N/AV

Medical conditions aggravated by exposure:

Individuals with open sores, asthma, bronchitis, respiratory or pulmonary disease, sensitive skin or sensitive eyes should be precluded from exposure.

Signs and symptoms of excessive exposure:

Symptoms of excessive exposure include shortness of breath and reduced pulmonary function. This inert material poses no potential acute toxic hazard.

Emergency first aid procedures:

Eyes: Irrigate (flush) eyes immediately and repeatedly with clean water.

Skin: Wash exposed skin areas with soap and water. Apply sterile dressings.

Gross inhalation: Remove person immediately to fresh air, give artificial respiration if needed.

Get prompt medical attention.

SECTION 7: PRECAUTIONS FOR SAFE HANDLING AND USE

Commercial personal protective equipment:

Gloves: Rubber (PVC) for handling wet mix.
Respirator: NIOSH/MSHA approved dust mask when handling dry mix.
Eye: Goggles, tight fitting.
Footwear: Boots that will keep out wet and dry mixtures.
Clothing: Keep wet and dry mixtures off skin.
Other: Barrier creams can be applied before working with the product.
 Wash with soap and water after working with cement-containing products.

Engineering controls:

Ventilation: Local exhaust to control airborne dust levels below 10mg./M3 TWA (cement dust)

Leak and spill procedure:

Avoid breathing dust. Use dry cleanup methods (vacuum) that do not produce dust.

Waste disposal:

Dispose of as common waste in accordance with applicable Federal, provincial, state and local regulations.

Handling procedures and equipment: No special handling equipment needed with than personal protective equipment..

Storage requirements: Keep dry until mixed.

MATERIAL SAFETY DATA SHEET – StoneCraft mix

SECTION 8: CONTROL MEASURES

Recommended respiratory protection:

In dusty environments, use an OSHA, MSHA OR NIOSH approved respirator and tight fitting goggles.

Recommended ventilation:

Local exhaust can be used if necessary to control airborne dust levels. Use ventilation to meet TLV requirements.

Recommended eye protection:

Safety goggles.

Other protection:

Individuals may use barrier creams or gloves to protect skin. Skin should be washed with soap and water immediately after use to remove powder and wet mixture. Precautions must be observed because burns can occur with little warning – little heat is sensed.

Other special protection:

N/A

SECTION 9: REGULATORY INFORMATION

Not applicable.

SECTION 10: TRANSPORTATION DATA

Not applicable.

Note: The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, express or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to silica contained in our products. Customers-users must comply with all applicable health and safety laws, regulations and orders covering silica.