

JUL 9 2001 3:22PM

CLIFFORD W ESTES CO INC
~~HAZARDOUS~~ SAFETY DATA SHEET

No. 6136 P. 1/2

Recd 07-2001

SECTION I IDENTIFICATION

61005

CLIFFORD W. ESTES CO., INC
 40 Vreeland Ave. Ste 104
 Totowa, NJ 07512

DATE JANUARY 1, 1999

61005-XXXX

PHONE: 973-890-2220

PRODUCT BRAND NAME ULTRA-STONE, ART SAND, ULTRA-REEF, MAGIC SAND
 IN A VARIETY OF COLORS

PRODUCT IDENTIFICATION ART SAND

CHEMICAL NAME SILICON DIOXIDE (SiO₂)

DEPARTMENT OF TRANSPORTATION SAND, GRAVEL, NOIBN

CHEMICAL FAMILY SILICA SAND

SECTION II HAZARDOUS INGREDIENTS

CHEMICAL NAME	% WT	C.A.S. #	OSHA (PEL)	ACGIH (TLV)
SILICA SAND *	96.0	14808-60-7		TLV .1 mg/m ³
RESIN, PIGMENTS	3.5-4	NON-HAZARDOUS		N/A
TONER PIGMENTS**	1	NON-HAZARDOUS		N/A

V-1560

* No Respirable Dust is present in the finished product due to the coating and subsequent surface treatment which captures and confines all dust to the particles. See Section V111 for further information

** All materials used in the manufacture of colored aggregates utilize colorants and resins of FDA standards for both the food packaging and Toy Industry and are considered non-hazardous

SECTION III PHYSICAL DATA

BOILING POINT: NONE
 VAPOR PRESSURE: NONE
 VAPOR DENSITY: NONE
 % VOLATILES: < 1%
 APPEARANCE: SAND OR AGGREGATE, VARIOUS COLORS

SPECIFIC GRAVITY 2.65
 PH: INERT
 EVAPORATION RATE: N/A
 SOLUBILITY IN H₂O: INSOLUBLE

Post-it* Fax Note	7671	Date	3 of 3 pages
To	BETH	From	TOM
Co./Dept.		Co.	C. W. ESTES
Phone #		Phone #	
Fax #		Fax #	

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SECTION IV FIRE AND EXPLOSION HAZARD

FLASH POINT: NON-FLAMMABLE FLAMMABLE LIMITS: LEL- N/A, UEL -N/A
UNUSUAL FIRE & EXPLOSION HAZARDS: Products of combustion may include irritating gases.

SECTION V HEALTH AND SAFETY

THRESHOLD LIMIT VALUE : (SEE PAGE ONE)
EFFECTS OF OVER EXPOSURE: Prolonged inhalation of mineral dust may cause delayed lung injury.
EMERGENCY & FIRST AID PROCEDURES: -EYES, Remove in the same manner as one would remove any foreign particle.

SECTION VI REACTIVITY DATA

STABILITY: Stable INCOMPATIBILITY: Dissolves in hydrofluoric acid
CONDITIONS TO AVOID: None Known

SECTION VII SPILL/LEAK PROCEDURES

1. Clean up using dustless procedures. Use water and/or vacuum.
2. WASTE DISPOSAL: Dispose using locally approved waste disposal sites.

SECTION VIII SPECIAL PROTECTION

Use of this product under normal and recommended conditions and specifications will pose no known hazards. However, if surfaces using this product are subjected to sanding or grinding as might occur for maintenance purposes, and such treatment produces respirable dust, then proper ventilation and breathing apparatus should be used. Under such conditions, NIOSH-BOM approved respirators should be worn.

GLOVES: Optional EYE PROTECTION: Full eye zone goggles should be worn.

SECTION IX SPECIAL PRECAUTIONS

1. USE DUSTLESS PROCEDURES DURING HANDLING, STORAGE AND CLEAN-UP
2. PRACTICE GOOD HOUSEKEEPING. MAINTAIN VENTILATION. POST WARNING TO EMPLOYEES WHERE PRODUCT IS USED, STORED OR HANDLED.