

IDENTITY: Astro Sand, Silica

Section I – Manufacturer Information

Clifford W. Estes Co., Inc.
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Lyndhurst, NJ 07071

Telephone Number for Information:
(201) 935-2550
Date Prepared: September 9, 1992

EMERGENCY NUMBER: (800) 424-9300 (Chemtrec)

Section II – Hazard Ingredients/Identity Information

<u>CHEMICAL NAME</u>	<u>% WT</u>	<u>C.A.S.</u>	<u>OSHA (PEL)</u>	<u>ACGIH (TLV)</u>
Silica Sand	99.0	14808-60-7		TLV .1mg/m3
Acrylic Copolymer	.6	NON-HAZARDOUS		
Pigments, typical	.4	NON-HAZARDOUS		

Section III – Physical/Chemical Characteristics

Boiling Point: None
Vapor Pressure: None
Vapor Density: None

Specific Gravity: 2.65
Melting Point:
Evaporation Rate: N/A

Solubility in Water: Insoluble
Appearance and Odor: Sand or aggregate, typical

Section IV – Fire and Explosion Hazard Data

Flash Point (Method Used): Non-flammable
LEL: N/A

Flammable Limits:
UEL: N/A

Extinguishing Media:

Special Fire Fighting Procedures:

Unusual Fire and Explosion Hazards: Products of combustion may include irritating gases.

Section V – Reactivity Data

Stable or Unstable? Stable

Conditions to Avoid: None known

Incompatibility (Materials to Avoid): Dissolves in hydrofluoric

Hazardous Decomposition or Byproducts:

Hazardous Polymerization May Occur or Will Not Occur?

Conditions to Avoid:

Section VI – Health Hazard Data

Routes of Entry

Inhalation: Prolonged inhalation of silica dust may cause delayed lung injury.

Skin:

Ingestion:

Eye:

Carcinogenicity

NTP:

IARC Monographs:

OSHA Regulated:

Health Hazards:

Signs and Symptoms of Exposure:

Medical Conditions Generally Aggravated by Exposure:

Emergency and First Aid Procedure:

Inhalation –

Ingestion –

Skin –

Eyes – Remove in the same manner as one would remove any foreign particle.

Section VII – Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled: Clean up using dustless procedures. Use water and/or vacuum.

Waste Disposal Method: Dispose using locally approved waste disposal sites.

Precautions to be Taken in Handling and Storing: Use dustless procedures during handling, storage, and clean up. Practice good housekeeping. Maintain ventilation. Post warning to employees when product is used, stored or handled.

Other Precautions:

Section VIII – Control Measures

Respiratory Protection: Use of this product under normal and recommended condition 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.

Ventilation

Local Exhaust:

Mechanical:

Special:

Other:

Protective Gloves: Optional

Eye Protection: Full eye zone goggles should be worn.

Other Protective Clothing or Equipment:

Work/Hygiene Practices:

Section IX – Additional Information

The information provided in this Material Safety Data Sheet represents data from the manufacturer and/or vendor and is accurate to the best of our knowledge. By providing this information, Delta Education LLC makes no guarantee or warranty, expressed or implied, concerning the safe use, storage, handling, precautions, and/or disposal of the products covered or the accuracy of the information contained in this fact sheet. It is the responsibility of the user to comply with local, state, and federal laws and regulations concerning the safe use, storage, handling, precautions, and/or disposal of products covered in this fact sheet.