

MATERIAL SAFETY DATA SHEET

STARDUST SUPER ABSORBENT™

SECTION I-MANUFACTURER IDENTIFICATION

Manufacturer's Name: **Paradigm International, Inc.**
Address: **45 Mirador
Irvine, CA 92612**
Emergency Telephone Number: **(714) 550-4999**
Telephone Number for Information: **(714) 550-4999**
(above numbers active between 8 am through 5 pm PST)
Date Prepared: **7/20/2014**

SECTION II-INGREDIENTS/IDENTITY INFORMATION

Hazardous Components: **None**
Ingredient Name: **Expanded Amorphous Alumina Silicate**
ACGIH TLV-TWA **10 mg/M3**
OSHA PEL-TWA **15 mg/M3 Total Particulate 5 mg/M3 Respirable Fraction**

SECTION III-PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: **Solid** Vapor Pressure: (mm HG): **Solid**
Vapor Density: (AIR=1): **Solid**
Solubility in Water: **Insoluble in water & most acids**
Specific Gravity: (H₂O=1): **.08—.20**
Melting Point: **2,000° F**
Evaporation Rate: (Butyl Acetate=1): **Nil**
Appearance and Odor: **Dry white powder, No odor**

SECTION IV-FIRE AND EXPLOSION HAZARD DATA

Flash Point: **None** Flammable limits: **Non-flammable**
LEL: **None** UEL: **None**
Extinguishing Media: **None required if product unused. If used to collect flammable liquids, then consult MSDS(s) of flammable liquid collected.**
Special Fire Fighting Procedures: **None required if product unused. If used to collect flammable liquid, then consult MSDS(s) of flammable liquid collected.**
Unusual Fire and Explosion Hazards: **None if product unused. If used to collect flammable liquids, then consult MSDS(s) of flammable liquid collected.**

SECTION V-REACTIVITY DATA

Stability: **Stable**
Incompatibility (Materials to Avoid): **Hydrofluoric Acid**
Conditions to Avoid: **Hydrofluoric Acid**
Hazardous Polymerization: **Will not occur**
Hazardous Decomposition or By-Products: **None**

The information on this Data Sheet represents our current data and best opinion as to the proper use in handling of this material under normal conditions. Any use of the material which is not in conformance with this Data Sheet or which involves using the material in combination with any other material or any other process is the responsibility of the user.

SECTION VI-HEALTH HAZARD DATA

Route(s) of Entry: **Inhalation Skin Ingestion**
Health Hazards (Acute and Chronic): **None**
Signs and Symptoms of Exposure: **Innocuous dust, Overexposure may cause coughing & sneezing.**
Medical Conditions Generally Aggravated by Exposure: **Persons sensitive to inert dust may experience discomfort when exposed to heavy concentrations of airborne material.**
Emergency and First Aid Procedures: **Breathe fresh air. If dust lodges in eyes, use standard eye wash solutions or water. If irritation persists consult with a physician**

SECTION VII-PRECAUTIONS FOR SAFE HANDLING & USE

Steps to be Taken in Case Material is Released or Spilled: **Sweep up with broom. Dispose of as with any inert, non-carcinogenic solid waste.**
Waste Disposal Method: **If product unused, then no special disposal procedure necessary. After product has been used to collect liquid materials, dispose in compliance with MSDS(s) of the liquid collected.**
Precautions to be Taken in Handling and Storing: **Avoid emptying bags in windy areas.**
Other Precautions: **None in unused form. After product has been used to collect liquid materials, consult MSDS(s) of the liquid collected.**

SECTION VIII-CONTROL MEASURES

Respiratory Protection: **That which is suitable for inert, non-carcinogenic dusts for extended use in an enclosed non-ventilated area: MSA Dustfoe 77 or equivalent.**
Ventilation: Local Exhaust: **Apply negative pressure air at dump stations to entrain airborne dust.**
Mechanical: **Easily transported pneumatically**
Special: **NA** Other: **NA**
Protective Gloves: **Not necessary**
Eye Protection: **Goggles recommended for extended use in non-ventilated areas**
Other Protective Clothing or Equipment: **Not necessary**
Work/Hygienic Practices: **Normal good housekeeping**
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