Material Safety Data Sheet

1. Identification of the Product and Company:
1.1 Product Name: Spill-Aid power absorber™
1.2 Synonyms: None
1.3 Address of Manufacturer:

Tel: 0843 2211 960 **Fax: 0843 2211 961**
Emergency Number:

2. Composition and Information on Ingredients:
2.1 Chemical Name: Amorphous Alumina Silicate
2.2 CAS Registry Number: 93763-70-3
2.3 Ingredients Listing: Amorphous Alumina Silicate / perlite. **Percentage:** 100%

3. Hazard Identification:
3.1 Appearance, Physical/Chemical Hazards, Environmental Hazards:
Appearance: Dry white odorless power
Physical/Chemical Hazards: None Known
Environmental Hazards: None Known
3.2 Primary Routes of Entry: Skin contact, eyes, inhalation, accidental ingestion
3.2.1 Effects of Overexposure:
Skin: May cause dryness.
Eyes: As with any inert nuisance dust, may cause irritation, tearing, redness, swelling.
Inhalation: May cause irritation to the respiratory tract, coughing, sneezing.
Ingestion: May cause irritation to the gastrointestinal tract.
3.3. Medical Conditions Aggravated by Exposure: Persons sensitive to inert dust may experience discomfort when exposed to heavy concentrations of airborne material.
Note: While there are no known acute or chronic health hazards, both OSHA and NIOSH share the position that an exposure limit is appropriate for the respirable fraction of **any** airborne particulate in the workplace.

4. First Aid Measures:
4.1 In the event of overexposure:
4.1.1 Skin Contact: NA
4.1.2 Eyes Contact: Immediately flush eyes gently with running water for 15 minutes or until material is gone. After 5 minutes remove contact lens, if present, and then continue washing. Seek medical attention if irritation persists.
4.1.3 Inhalation: Remove to fresh air. Drink water to clear throat. Blow nose to evacuate dust. Seek medical attention if irritation persists.
4.1.4 Ingestion: Rinse mouth with water. Never give anything by mouth to an unconscious person. Do not induce vomiting. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Seek medical attention if stomach upset occurs.
4.2 Other First Aid Information: NA
4.3 Known Antidotes: NA
4.4 Notes to Physicians: NA
4.5 Advice for Protection of First Aid Providers: Observe general precautions noted above.

5. Fire Fighting Measures: NA
5.1 Flash Point & Method: Fusion Point 1280-1350Deg c. Non-Combustible
5.2 LEL/UEL: NA
5.3 Autoignition Temperature: NA
5.4 Extinguishing Media: NA
5.5 Fire or Explosion Hazard: NA
5.6 Special Fire Fighting Procedures: NA
5.5 NFPA Ratings: NA

6. Accidental Release Measures:
6.1 Spill or Leak Procedures: Sweep or vacuum and dispose as for any inert solid waste. Return to container if reusable.
6.2 Expected Environmental Impact: None known. As a precaution, dilute spill residue with plenty of water.
6.3 Secondary Hazards*:* Do not allow material to come in contact with **hydrofluoric acid**.

7. Handling and Storage:
7.1 Storage Precautions: Store in a dry environment.
7.1.1 Incompatible Products: Hydrofluoric Acid
7.2 Special Handling Precautions: NA

8. Exposure Controls / Personal Protection:
8.1 Engineered Exposure Controls: NA
8.1.1 Occupational Exposure Limits: LTEL: 10mg / M3 (inh), i mg / M3 (resp). 8hr TWA. (inh = inhalable dust. Resp = respirable dust)
8.2 Personal Protective Equipment:
Respiratory: None required. For extended use in non-ventilated areas, use up to BS4275 rated dust mask but nuisance dust mask is generally acceptable on normal non-hazardous use.
Hands: None required.
Eye: None required. Goggles recommended for extended use in non-ventilated areas to limit possible excessive exposure of eyes to airborne dust particles.
Skin: None required.
8.3 Industrial hygiene: Wash hands after handling.

9. Physical and Chemicals Properties:
9.1 Appearance & Physical State: Dry white odorless powder.
9.2 Specific Gravity: (H20=1): 0.08 – 0.20
9.3 Density: 16.8 lbs/ft³
9.4 VOC: NA
9.5 pH: 6.5 – 7.5
9.6 Boiling Point/Boiling Range: NA
9.7 Relative Vapor Density (air = 1): NA
9.8 Vapor Pressure: NA
9.9 Percent Solids by Weight: 100%
9.10 Relative Evaporation Rate (Butyl Acetate = 1): NA
9.11 Solubility in Water: Not soluble.
9.12 Molecular Weight: NA
9.13 Viscosity: NA
9.14 Other data: Oil/Water partition coefficient: NA

10. Stability and Reactivity:
10.1 Stability: Stable
10.2 Hazardous Material Releases That May Occur: NA
10.3 Conditions That Might Result in a Hazardous Situation: NA
10.4 Incompatible Materials That Could Produce a Hazardous Situation: Hydrofluoric Acid
10.5 Hazardous Decomposition Products: NA
10.6 Hazardous Polymerization: Will not occur

11. Toxicology:
11.1 Possible Health Effects: None known.
11.2 Carcinogenicity: Not carcinogenic

12. Ecological Information:
12.1 Possible Environmental Effects:
Material is chemically inert in the environment.
Soil Mobility: NA
Aquatic Mobility: Not soluble
Persistence: NA
Degradability: Not biodegradable
Bioaccumulation: None
Ecotoxicity: None

13. Waste Disposal:
13.1 Product Disposal: Method of disposal is to landfill. However, for material that has been used to absorb a given substance, dispose in accordance with local regulations for the substance absorbed.
13.2 Packaging Disposal: Dispose in accordance with local regulations.

1 4. Transport Information:
14.1 DOT Information: Material is non-hazardous for transport. No special labeling or placard placement is required.
14.2 Additional transportation restrictions: None
14.3 Precautionary Transport Measures and/or Conditions: None

15. Regulatory Information:
15.1 UK Health & Safety at Work Act 1974
15.2 UK Environmental Protection Act 1990
15.3 HSE Guidance Note EH26
15.4 HSE Guidance Note EH40
15.5 UK Control of Substances Hazardous to Health Regulations 1988
15.6 ILO data sheet ICSC 1141
15.7 Construction Industry Advisory Committee Hazard Information Sheet One

16. Other Information:
16.1 Compiled according to the CHIP Regulations 2002. (Directive 2001/158EC)
16.2 All information and instructions provided in this Material Safety Data Sheet (MSDS) are based on the current state scientific and technical knowledge at the date indicated on the present MSDS. Forth Systems Ltd. shall not be held responsible for any defect in the product covered by this MSDS should the existence of such defect not be detectable considering the current state of scientific and technical knowledge. Nor shall Forth Systems Ltd be liable for any misuse of Spill - Aid outside of its intended use. The information contained in the Safety data sheet is correct to the best of our knowledge at the date of issue. It is intended as a guide for the safe use, handling, disposal, storage and transportation and is not intended as warranty or as a specification. The information relates only to the product specified and may not be suitable for combinations with other materials or in processes other than those specifically described herein.

16.2 Date: 01/01/2011

E&OE
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