



# INSPIRED SCIENCES, LLC

## MATERIAL SAFETY DATA SHEET

### SECTION 1 -- PRODUCT AND COMPANY IDENTIFICATION

|   |                         |   |
|---|-------------------------|---|
| Material<br>LAVA BAMBŪ GEL SACHET   |                         | Revision date<br>Nov 14, 2011   |
| Previous revision date<br>N/A   | File designation<br>N/A | Material use<br>Various   |
| Manufacture's Name and issuing location<br>Forever Young International, Inc.<br><br>565 Country Club Drive<br>Escondido, CA 92029 |                         | <b>EMERGENCY PHONE NUMBER</b><br><br><b>888-827-4683</b><br><br>Issuer's phone number<br>760-504-0330 |
|   |                         |   |

### SECTION 2 -- COMPOSITION / INFORMATION ON INGREDIENTS

| Chemical name | Chemical family | CAS No.   |
|---------------|-----------------|-----------|
| Magnesium     | Mineral         | 7439-95-4 |
| Iron          | Mineral         | 7439-89-6 |
| Polymer       | N/A             | 9033-79-8 |

### SECTION 3 -- HAZARDS IDENTIFICATION

#### Emergency Overview

|     |  |
|-----|--|
| N/A |  |
|     |  |
|     |  |
|     |  |

#### Potential Health Effects

( HMIS Rating )

Fire Hazard: 1 | Health Hazard: 0 | Reactivity: 0 | Personal Protection: See Section 8

0 = MINIMAL 1 = SLIGHT HAZARD 2 = MODERATE HAZARD 3 = SERIOUS HAZARD 4 = SEVERE HAZARD



# INSPIRED SCIENCES, LLC

## MATERIAL SAFETY DATA SHEET

### SECTION 3 -- HAZARDS IDENTIFICATION (CONTINUED)

|                 |   |
|-----------------|---|
| EYE CONTACT     | Mechanical injury or particle may embed in eye.   |
| INHALATION      | Should be treated as nuisance dust, may irritate mucous membranes or upper respiratory tract. Use proper respirator and means of ventilation. |
| INGESTION       | Ingestion is unlikely, however ingestion of large amounts could cause injury.   |
| SKIN ABSORPTION | Unlikely due to physical form and properties. Low toxicity and not considered a hazard.   |

### SECTION 4 -- FIRST AID MEASURES

|            |  |
|------------|--|
| EYES       | Flush eyes thoroughly with water. Consult a physician immediately.         |
| SKIN       | Wash with soap and water to thoroughly remove particles from skin.         |
| INHALATION | Remove individual to a well ventilated area for fresh.                     |
| INGESTION  | Material is not acutely toxic by ingestion, unless it is in large amounts. |

### SECTION 5 -- FIRE FIGHTING MEASURES

|                       |   |
|-----------------------|---|
| Flammability          | If yes, under which conditions?                                     |
| YES [ X ]    NO [   ] | If exposed to heat and sparks while dispersed as fine powder in air |

Means of extinction  
 Smother burning powder by covering with DRY agents approved for use on Class D fires. Use agents such as dry melting flux, dry sand, MET-L-X powder, dry talc, Purple-K powder. **DO NOT USE WATER! Do not use foam, halogenated extinguishers or carbon dioxide.**

Special procedures  
 Wear fire fighting glasses when fighting fires – burning Magnesium-Iron Alloy powder produces a very bright white flame! Only trained fire fighters should apply extinguishing agents gently to avoid disturbing or spreading the burning Alloy powder. Monitor carefully for flare-ups and smother these as necessary. Use self-contained breathing apparatus or approach from upwind due to intense white smoke (magnesium oxide) produced. Sometimes it is best to evacuate employees and allow Alloy powder to burn itself out rather than attempt to extinguish. Do NOT attempt to approach or fight if burning Alloy powder is or may be exposed to water!

Individual pads are self-extinguishing. If cases are ignited, plastic will burn initially as a class A fire. Bulk packs will transition from initial class A fire to flammable solid fire (class D) if fire is not brought under control in initial stages.

#### FIRE and EXPLOSION DATA



# INSPIRED SCIENCES, LLC.

## MATERIAL SAFETY DATA SHEET

Version:2

|  |   |   |
|--|---|---|
| Flash point (ASTM D92)<br><b>Not applicable</b>  | Upper explosion limit (% by volume)<br><b>Not available</b> | Lower explosion limit (% by volume)<br><b>Not available</b> |
| Auto ignition temperature<br>Loose powder may auto ignite if exposed to heat and sparks while dispersed as a fine powder in the air. | TDG flammability classification<br><b>Not Dangerous</b>     | Hazardous combustion products<br><b>See Section 10</b>      |

### SECTION 6 -- ACCIDENTAL RELEASE MEASURES

|                        |  |
|------------------------|--|
| <b>SPILLS OR LEAKS</b> | Collect spilled pads and inspect non woven fabric; if fabric is punctured, torn, or interior materials are wetted, discard as waste as described below: if fabric is undamaged, repackage. Do NOT use water for cleanup. |
|------------------------|--|

### SECTION 7 -- HANDLING AND STORAGE

Handling: Protect against physical damage.  
 Storage: Store in a cool, dry well ventilated location, away from sources of ignition. Separate from incompatibles. Observe all warnings and precautions listed for the product. Store product in accordance with OSHA.

### SECTION 8 -- EXPOSURE CONTROLS / PERSONAL PROTECTION

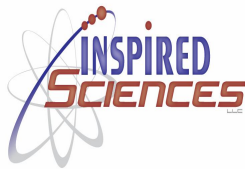
As with all chemicals, read the MSDS before handling. Always use the proper safety gear and eye protection.

### SECTION 9 -- PHYSICAL AND CHEMICAL PROPERTIES

|   |   |   |  |
|---|---|---|--|
| Appearance<br>Flat grayish, metallic powder consisting of above ingredients, packaged in non woven fabric | Odor<br>None                              | Physical state<br>Powder packaged in non woven fabric | pH<br>Not Applicable                   |
| Vapor pressure (mm Hg)<br>Not Applicable  | Vapor density (air = 1)<br>Not Applicable | Boiling point (IBP)<br>2025° F                        | Solubility in water (20°C)<br>None     |
| Evaporation rate (Butyl acetate =1)<br>Not Applicable   | Freezing point<br>Not Applicable          | Volatiles (By volume)<br>Not Applicable               | Specific gravity (25°C)<br>1.74        |
| Coeff. water / oil distribution<br>Not Applicable   | Melt point<br>1202° F                     | Molecular weight<br>Not Defined                       | Odor threshold (PPM)<br>Not Applicable |

### SECTION 10 -- STABILITY AND REACTIVITY

|  |   |
|--|---|
| Chemical stability<br>YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>  | If no, which conditions?<br>Unless exposed to water, reacts with salt water. Hydrogen gas released. |
| Compatibility with other substances<br>YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>   | If NO, which ones?<br>See below   |
| Reactivity, and under what conditions<br>Reacts violently with halogens, chlorinated solvents, ammonium nitrate, carbonates, arsenic, cupric oxide, cupric sulfate, mercuric oxide, inorganic phosphates |   |



**INSPIRED SCIENCES, LLC.**  
**MATERIAL SAFETY DATA SHEET**

Version:2

Hazardous decomposition products  
 None under normal usage.  
 Polymerization will not occur.

**SECTION 11 -- TOXICOLOGICAL INFORMATION**

| Carcinogenicity Classification |                   | Route of Entry      |                        |
|--------------------------------|-------------------|---------------------|------------------------|
| IARC : Not listed              | ACGIH: Not listed | Skin contact [ ]    | Inhalation acute [ ]   |
| OSHA: Not listed               |                   | Skin absorption [ ] | Inhalation chronic [ ] |
| NTP : Not listed               |                   | Eye contact [ ]     | Ingestion [ ]          |
|                                |                   |                     |                        |
|                                |                   |                     |                        |

**SECTION 12 -- ECOLOGICAL INFORMATION**

Material is not considered harmful to the environment. Nevertheless, material from spills and other generated waste must be disposed of properly in conformance with all local, state and federal laws.

**SECTION 13 -- DISPOSAL CONSIDERATIONS**

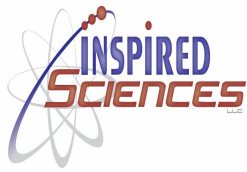
Used pads (i.e. pads reacted with salt water) may be disposed of as ordinary waste.  
 Unused and undamaged pads may:

- (1) Be reacted with salt water in accordance with instructions, then disposed of as ordinary waste.
- (2) Be incinerated in a waste facility, ensuring that all material is burned thoroughly.

**SECTION 14 -- TRANSPORT INFORMATION**

|                              |                |
|------------------------------|----------------|
| DOT proper shipping name     | Not regulated  |
| DOT hazardous classification | Not Applicable |
| DOT Haz. Mat table 172.101   | Not listed     |
| DOT appendix to sec. 172.101 | Not listed     |
| DOT labels required          | None           |
| DOT placards required        | None           |
| TDG classification           | Not regulated  |

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## MATERIAL SAFETY DATA SHEET

Version:2

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