

# INSPIRED SCIENCES, LLC

## MATERIAL SAFETY DATA SHEET

### SECTION 1 -- PRODUCT AND COMPANY IDENTIFICATION

Material LAVA SHELL LAVA GEL SACHET		Revision date April 5, 2011
Previous revision date Oct 27, 2010	File designation N/A	Material use Various
Manufacture's Name and issuing location Forever Young International, Inc.  565 Country Club Drive Escondido, CA 92029		<b>EMERGENCY PHONE NUMBER</b>  <b>888-827-4683</b>
		Issuer's phone number 760-480-7586

### 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
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#### Potential Health Effects

( HMIS Rating )

Fire Hazard: 1	Health Hazard: 0	Reactivity: 0	Personal Protection: See Section 8
<b>0 = MINIMAL 1 = SLIGHT HAZARD 2 = MODERATE HAZARD 3 = SERIOUS HAZARD 4 = SEVERE HAZARD</b>			



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### 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 YES [ <input checked="" type="checkbox"/> ]    NO [ <input type="checkbox"/> ]	If yes, under which conditions? If exposed to heat and sparks while dispersed as fine powder in air
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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



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Flash point (ASTM D92) <b>Not applicable</b>	Upper explosion limit (% by volume) <b>Not available</b>	Lower explosion limit (% by volume) <b>Not available</b>
Auto ignition temperature Loose powder may auto ignite if exposed to heat and sparks while dispersed as a fine powder in the air.	TDG flammability classification <b>Not Dangerous</b>	Hazardous combustion products <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.
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### 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 Flat grayish, metallic powder consisting of above ingredients, packaged in non woven fabric	Odor None	Physical state Powder packaged in non woven fabric	pH Not Applicable
Vapor pressure (mm Hg) Not Applicable	Vapor density (air = 1) Not Applicable	Boiling point (IBP) 2025° F	Solubility in water (20°C) None
Evaporation rate (Butyl acetate =1) Not Applicable	Freezing point Not Applicable	Volatiles (By volume) Not Applicable	Specific gravity (25°C) 1.74
Coeff. water / oil distribution Not Applicable	Melt point 1202° F	Molecular weight Not Defined	Odor threshold (PPM) Not Applicable

### SECTION 10 -- STABILITY AND REACTIVITY

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



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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.

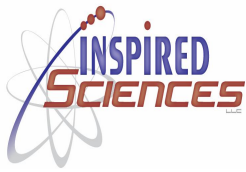
### SECTION 13 -- DISPOSAL CONSIDERATIONS

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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