SAFETY DATA SHEET
PLASTER OF PARIS BANDAGE

Date: 4/22/2015
Version: 1.0

Section 1: Identification
Product Name: INSTANT MOLD™ / POP ART BANDAGE™
Other Names: Plaster of Paris Bandage
Manufactured by: EnvironMolds LLC
18 Bank Street / Suite 1
Summit, NJ 07901
Emergency Phone: 1(908) 273-5401 (Mon – Sat. 8:00 AM -7:PM EST)
USE: For Use in Mold Making, Shell Molds and Mother Molds
Manufacturer’s Product Code: SP16104 W/R; SP151002 W/R

Section 2: Hazard(s) Indentification
A. EMERGENCY OVERVIEW: White solid Plaster of Paris impregnated onto a woven gauze bandage
   • Physical Appearance and Odor: White solid Plaster of Paris impregnated onto a woven gauze bandage. No odor
   • Hazard Classification: Extraneous plaster dust may cause eye or mucous membrane irritation
B. POTENTIAL HEALTH EFFECTS:
   Skin
   If warm water (>25°C) is used to wet the bandage, the setting Plaster of Paris may generate a temperature high enough to cause a burn.

   Eye
   Dust may be released when cutting and removing the set bandage, which may enter the eye and may cause mechanical irritation.

   Inhalation
   Dust may be released when cutting and removing the set bandage which may irritate the mucous membranes of the respiratory tract.

   Ingestion
   Ingestion of Plaster of Paris bandage before being wetted may result in hardening after absorbing moisture from the G.I. tract, potentially resulting in obstruction of airways. No symptoms expected from ingestion of small amounts of the hardened bandage.

   Chronic Effect: This product does not contain any ingredient designated by IARC, NTP, ACGIH or OSHA as probable or suspected carcinogens.

Section 3: Composition / Information on Ingredients

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>CAS Nos.</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcium Sulphate</td>
<td>26499-65-0, 7778-18-9</td>
<td>&gt;80%</td>
</tr>
<tr>
<td>Woven Gauze</td>
<td>Not Applicable</td>
<td>&lt;20%</td>
</tr>
</tbody>
</table>

Section 4: First Aid Measures

| Skin Burns | For burns, treat as for a thermal burn. |
| Eye Exposure | Rinse eye with water to remove any dust particles. |
| Inhaled | Remove to fresh air, away from the dust source. |
| Ingestion | Seek medical attention, treat symptoms of obstruction of airways |
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Section 5: Fire-Fighting Measures
White solid Plaster of Paris impregnated onto a woven gauze bandage.

Extinguishing Method: N/A
Special fire fighting procedures: N/A
Unusual fire and Explosive hazards: N/A

Section 6: Accidental Release Measures
Not Applicable

Section 7: Handling and Storage
Store in cool, dry, well-ventilated area. Keep away from heat and high humidity. No special transport requirements.

Fire Hazard: Extinguishing Media: According to the surrounding area. Any standard fire extinguisher may be used.

Section 8: Exposure Controls / Personal Protection

Controls: Ensure adequate wetting of the bandage, in water at 20-25 C, in accordance with the instructions for applying the bandage (see the instructions provided with the product). Where set bandages are removed by cutting, ensure good dilution ventilation. Take action to control dust levels being generated. Consider tools with local exhaust extraction built in.

Personal Protection: When preparing the bandage for use:
Wear impervious gloves (e.g. rubber or plastic).

When cutting and removing the bandage:
Wear safety glasses with side shields or safety goggles. Where dust may be inhaled, wear a dust respirator meeting NIOSH Standards.

NFPA HAZARD CLASSIFICATIONS

<table>
<thead>
<tr>
<th>Health</th>
<th>1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammability</td>
<td>0</td>
</tr>
<tr>
<td>Reactivity</td>
<td>0</td>
</tr>
<tr>
<td>Special Hazard</td>
<td>N/A</td>
</tr>
</tbody>
</table>

Section 9: Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vapor Pressure</td>
<td>N/A</td>
</tr>
<tr>
<td>Melting Point</td>
<td>N/A</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>N/A</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>N/A</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>No</td>
</tr>
<tr>
<td>Appearance</td>
<td>White solid Plaster of Paris impregnated onto a woven gauze bandage.</td>
</tr>
</tbody>
</table>

Section 10: Stability and Reactivity

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stability</td>
<td>Stable</td>
</tr>
<tr>
<td>Conditions to avoid</td>
<td>Dust formation when cutting the set bandage.</td>
</tr>
<tr>
<td>Incompatibility (materials to avoid)</td>
<td>N/A</td>
</tr>
<tr>
<td>Hazardous decomposition or byproducts</td>
<td>N/A</td>
</tr>
<tr>
<td>Hazardous polymerization</td>
<td>May not occur</td>
</tr>
</tbody>
</table>
### Section 11: Toxicological Information

**Information on likely routes of exposure:**
- **Ingestion**: Ingestion may cause irritation and stomach discomfort.
- **Inhalation**: Airborne dust may irritate throat and upper respiratory system causing coughing.
- **Skin contact**: Under normal conditions of intended use, this product does not pose a skin hazard.
- **Eye contact**: Direct contact with airborne particulates may cause temporary irritation.

**Symptoms related to the physical, chemical and toxicological characteristics:**
Dust may irritate eyes and mucous membranes of the nose, throat and upper respiratory system, causing sneezing and/or coughing.

**Information on toxicological effects:**
- **Acute toxicity**: Not expected to be a hazard under normal conditions of intended use.
- **Skin corrosion/irritation**: Not a skin irritant.
- **Serious eye damage/eye irritation**: Direct contact with eyes may cause temporary irritation.

**Respiratory or skin sensitization:**
- **Respiratory sensitization**: Not expected to cause respiratory sensitization based on non-skin sensitization history.
- **Skin sensitization**: Not a skin sensitizer. Plaster of Paris has displayed little sensitization potential.
- **Germ cell mutagenicity**: No evidence of mutagenicity found in Ames bacterial tests.
- **Carcinogenicity**: This material is not classified as a carcinogen by IARC, ACGIH, NTP or OSHA.

- **Not listed.**

**Reproductive toxicity**
- Not expected to be a reproductive hazard.

**Specific target organ toxicity**
- **- single exposure**
- **- repeated exposure**

### Section 12: Ecological Information

**Ecotoxicity**
The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

**Components**

<table>
<thead>
<tr>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plaster of Paris (Calcium Sulfate Hemihydrate CAS 10034-76-1) (CAS 26499-65-0)</td>
<td>Fathead minnow (Pimephales promelas) &gt; 170 mg/l, 96 hours</td>
</tr>
</tbody>
</table>

**Persistence and degradability**
- Calcium sulfate dissolves in water forming calcium and sulfate ions.

**Bioaccumulative potential**
- Bioaccumulation is not expected.

**Mobility in soil**
- No data available.

**Other adverse effects**
- None expected.
Section 13: Disposal Considerations

| Waste and Disposal | Waste: Place in a labelled container for disposal. Disposal: in accordance with local waste regulations. May be landfilled in an approved facility. Used: bandages may need to be disposed of in accordance with the local authority's infectious waste requirements. |

Section 14: Transport Information

DOT
Not regulated as dangerous goods.

IATA
Not regulated as dangerous goods.

IMDG
Not regulated as dangerous goods.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Section 15: Regulatory Information

US federal regulations
This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200 (OSHA) and 8 CCR § 5194 (Cal/OSHA).

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)
Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)
Not listed.

CERCLA Hazardous Substance List (40 CFR 302.4)
Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA) Hazard categories
Immediate Hazard - No
Delayed Hazard - No
Fire Hazard - No Pressure Hazard - No Reactivity Hazard - No

SARA 302 Extremely hazardous substance
Not listed.

SARA 311/312 Hazardous chemical
No

SARA 313 (TRI reporting)
Not regulated

Other federal regulations
Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List
Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)
Not regulated.

Safe Drinking Water Act (SDWA)

US state regulations
Not regulated

US. Massachusetts RTK - Substance List
Plaster of Paris (Calcium Sulfate Hemihydrate CAS 10034-76-1) (CAS 26499-65-0)

US. New Jersey Worker and Community Right-to-Know Act
Plaster of Paris (Calcium Sulfate Hemihydrate CAS 10034-76-1) (CAS 26499-65-0)

US. Pennsylvania Worker and Community Right-to-Know Law
Plaster of Paris (Calcium Sulfate Hemihydrate CAS 10034-76-1) (CAS 26499-65-0)
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#### Section 15: Regulatory Information - Continued

**US. Rhode Island RTK**
Not regulated.

**US. California Proposition 65**
This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

**US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance**
Not listed.

**International Inventories**

<table>
<thead>
<tr>
<th>Country(s) or region</th>
<th>Inventory name</th>
</tr>
</thead>
<tbody>
<tr>
<td>United States &amp; Puerto Rico</td>
<td>Toxic Substances Control Act (TSCA) Inventory</td>
</tr>
</tbody>
</table>

*A “Yes” indicates this product complies with the inventory requirements administered by the governing country(s). A “No” indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).*

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#### Section 16: Other Information

**Issue date**
22-April-2015

**Revision date**
-

**Version #**
01

**Further information**
Plaster of Paris: Is classified as a hazardous substance, but is generally considered a safe material for routine use. When plaster of Paris is used responsibly it is not considered as a dangerous material. However, when mixed with water this product can become very hot. DO NOT attempt to make a cast enclosing any part of the body. Encasing any body part can cause serious burns and even amputation of the encased body part.

**NFPA Ratings:**
- Health: 1
- Flammability: 0
- Physical hazard: 0

**Hazard Scale:**
- 0 = Minimal
- 1 = Slight
- 2 = Moderate
- 3 = Serious
- 4 = Severe

**HMIS® ratings**
- Health: 0
- Flammability: 0
- Physical hazard: 0

**NFPA ratings**

![NFPA rating]

**Disclaimer**
This information is provided without warranty. The information is believed to be correct. This information should be used to make an independent determination of the methods to safeguard workers and the environment.