

Not a Dangerous Good, Hazardous Substance or Scheduled Poison
This Product Safety Data Sheet takes the place of a standard Material Safety Data Sheet

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) Identification

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

Ingredients	Calcium Sulphate	CAS Nos. 26499-65-0, 7778-18-9	>80%
	Woven Gauze	Not Applicable	<20%

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

Section 5: Fire-Fighting Measures White solid Plaster of Paris impregnated onto a woven gauze	
Extinguishing Method:	N/A
Special fire fighting procedures:	N/A
Unusual fire and Explosive hazards:	N/

Section 6: Accidental Release Measures
Not Applicable

Section 7: Handling and Storage	
Storage and Transport	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	
Health	1
Flammability	0
Reactivity	0
Special Hazard	N/A

Section 9: Physical and Chemical Properties			
Vapor Pressure:	N/A	Melting Point:	N/A
Vapor Density:	N/A	Evaporation rate:	N/A
Solubility in Water	No		
Appearance:	White solid Plaster of Paris impregnated onto a woven gauze bandage.		

Section 10: Stability and Reactivity	
Stability:	Stable
Conditions to avoid:	Dust formation when cutting the set bandage.
Incompatibility (materials to avoid):	N/A
Hazardous decomposition or byproducts:	N/A
Hazardous polymerization:	May not occur

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.

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

Reproductive toxicity Not expected to be a reproductive hazard.
Specific target organ toxicity - single exposure
Specific target organ toxicity - 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	Species	Test Results
Plaster of Paris (Calcium Sulfate Hemihydrate CAS 10034-76-1) (CAS 26499-65-0)		
Aquatic		
Fish	LC50 Fathead minnow (Pimephales promelas)	> 1970 mg/l, 96 hours
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)

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

Country(s) or region	Inventory name
On inventory (yes/no)	
United States & Puerto Ric Toxic Substances Control Act (TSCA) Inventory	
Yes	

*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).

Section 16: Other Information

Issue date	22-April-2015
Revision date	-
Version #	01
Further information	<p>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.</p> <p>NFPA Ratings: Health: 1 Flammability: 0 Physical hazard: 0</p> <p>Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe</p>
HMIS® ratings	<p>Health: 0 Flammability: 0 Physical hazard: 0</p>
NFPA ratings	
Disclaimer	<p>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.</p>