# Material Safety Data Sheet

## Section 1 - Chemical Product and Company Identification

**Sample Name: Plaster of Paris Bandage**

**Supplier Name:** Pacon Corporation
2525 N. Casaloma Dr.
Appleton WI 54913 Tel:1-800-333-2545

## Section 2 –Composition, Information on Ingredients

| Chemical Name | Percent (by weight) | CAS No. | EC No. |
|---|---|---|---|
| Plaster of paris | 85% | 10034-76-1 | Not listed |
| Water | 15% | 7732-18-5 | 231-791-2 |

## Section 3 –Hazards Identification

**EMERGENCY OVERVIEW**

**This product is not expected to produce any unusual hazards during normal use.**
**Target Organs: None**
**Hazard Sorts: None**
**Potential Health Effects:**

- **Eye: No health effects are expected. If contact with plaster of paris's dust in mechanical processing, may cause mechanical irritation of eyes, if burning, redness, itching, pain or other symptoms persist or develop, consult physician.**
- **Skin: Prolonged or repeated contact with the skin may cause irritation,**
- **Ingestion: Unlikely to occur, but if ingest, may cause partial or complete intestinal blockage and gastric disturbances. See First Aid Measure-Ingestion.**
- **Inhalation: No health effects are expected. Breathing plaster of paris in mechanical processing, may irritate eyes, skin, nose, throat, and upper respiratory tract.**

## Section 4 – First Aid Measures

Eye: If contact with eyes, flush with plenty of water. If irritation persists, consult physician.

Skin: No health effects are expected under normal use. If irritation or other symptoms are experienced, seek medical attention.

Ingestion: Ingestion of this material is unlikely. If it does occur, drinking gelatin solutions or large volumes of water and watch the person for several days to make sure that partial or complete intestinal blockage does not occur.

Inhalation: Inhalation of plaster of paris in mechanical processing, remove to fresh air. Leave the area of exposure and remain away until coughing and other symptoms subside. If rapid recovery does not occur, obtain medical attention.

## Section 5 – Fire Fighting Measures

General Information: Not expected to burn.

Extinguishing Media: Water or use extinguish media appropriate for surrounding fire.

Special Fire Fighting Procedures: Wear appropriate personal protective equipment.

## Section 6 – Accidental Release Measures

General Information: Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks: Collect up, then place into a suitable container for disposal. In mechanical processing , avoid plaster of paris's dust generation, and avoid inhalation of dust and contact with eyes and skin.

## Section 7 –Handing and Storage

Storage: Store in a cool, dry area away from heat, moisture and incompatibilities.

Handing: Use with appropriate ventilation. In mechanical processing, avoid dust contact with eyes, wear the appropriate eye protection against dust. Treat carefully, avoid physical damage. Avoid generation dust. Use

good safety and industrial hygiene practices.

## Section 8 – Exposure Controls/Personal protection

Exposure Limits:
TWA: 15(mg/m$^3$) from OSHA(PEL) [United States] Inhalation Total.
TWA: 5(mg/m$^3$) [Canada] Inhalation Respirable.
TWA: 10(mg/m$^3$) from NIOSH [United States] Inhalation Total.
TWA: 5(mg/m$^3$) from NIOSH [United States] Inhalation Respirable.
TWA: 5(mg/m$^3$) from OSHA(PEL) [United States] Inhalation Respirable.
TWA: 5(mg/m$^3$) [United Kingdom] Inhalation Respirable.
TWA: 10(mg/m$^3$) [United Kingdom] Inhalation Total.
TWA: 10(mg/m$^3$) from ACGIH(TLV) [United States] Inhalation Total.
TWA: 10 STEL: 20(mg/m$^3$) [Canada] InhalationTotal.
Monitoring Methods: No information found.
Engineering Controls: Appropriate ventilation.
Personal Protective Equipment:

- Eyes: No special requirement. In mechanical processing, wear eye protection (safety glasses or goggles) to avoid possible eye irritation.
- Skin: No special requirement. In mechanical processing, wear gloves and protective clothing to prevent plaster of paris repeated or prolonged contact with skin.
- Clothing: No special requirement. Wear appropriate working clothing if necessary.
- Respirators: No special requirement. In mechanical processing use appropriate respirator or mask if a lot of dust generate.

Other Protection: No smoking or eating scene work. To maintain good health habits.

## Section 9 – Physical and Chemical Properties

Physical State: White banded solid
Odor: Odorless
Molecular Formula: N/A
Molecular Weight: N/A
Specific Gravity/Density: N/A
pH: N/A
Viscosity: N/A
Boiling Point: N/A
Freezing/Melting point: N/A

**Ignition Temperature: N/A**
**Decomposition Temperature: N/A**
**Solubility: Insoluble in water**

## Section 10 – Stability and Reactivity

**Chemical Stability: Stable under normal condition.**
**Conditions to Avoid: Contact with acids, water, high humidity, and incompatibles.**
**Incompatibilities with Other Materials: Acids. Exposure to water and acids must be supervised because the reactions are vigorous and produce large amounts of heat.**
**Hazardous Decomposition Products: calcium oxide (CaO), and sulfur dioxide (SO2).**
**Hazardous Polymerization: Will not occur.**

## Section 11 – Toxicological Information

**Toxicological Information:**
**CAS No. 10034-76-1**
**- LD50:>5000mg/kg(oral, rat)**
**- LC50: Not available.**
**Carcinogenicity: Not listed by ACGIH, IARC, NTP, or CA Prop 65.**
**Sensitization Rate: Not available.**
**Teratogenicity: Not available.**

## Section 12 – Ecological Information

**Ecological Toxicity: Not available.**
**Ecological Degradation: Not available.**
**Abiology Degradation: Not available.**
**Environment: Not available.**

## Section 13 – Disposal Considerations

**Never discharge directly into sewers or surface waters. Additionally, waste generators must consult state and local hazardous waste regulations to ensure**

complete and accurate classification.

## Section 14 – Transport Information

Not regulated as a hazardous material for transportation. (D.O.T; TDG; IMDG; IATA DGR)
UN: N/A
Classification: N/A
Packaging Sign: N/A
Shipping Name: N/A
Packaging Category: N/A
Packaging Method: N/A
Shipping Notice: N/A

## Section 15 – Regulatory Information

| | |
|---|---|
| Regulatory Information: | Reference to the local, national and EU/international regulations. |
| TSCA: | None of the components in this product are listed |
| DSL: | None of the components in this product are listed |
| OSHA: | None of the components in this product are considered highly hazardous by OSHA |
| California Prop 65: | None of the components in this product are listed |

Hazard Symbols: None
Risk Phrases: None
Safety Phrases: None

## Section 16 – Additional Information

Issue Time: 2009-3-13
Issue Department: Product certification centre
Data review unit:
Modification record:

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information

contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Other Information:

ACGIH: (American Conference of Governmental Industrial Hygienists); CAS:(Chemical Abstracts Service); DOT:(Department of Transportation); DSL:(Domestic Substances List); EINECS:(European Inventory of Existing Commercial Substances); IARC:(International Agency for Research on Cancer); IATA:(International Air Transport Association); ICAO:(International Agency for Aviation Organization); IMDG:(International Maritime Dangerous Goods); LC50: Lethal Concentration, 50 percent kill; LD50: Lethal dose, 50 percent kill; NIOSH:(National Institute for Occupational Safety and Health); NTP:(National Toxicology Program); PEL:(Permissible Exposure Level); REL:(Recommended Exposure Limit); STEL:(Short Term Exposure Limit); TDG:(Transportation of Dangerous Goods); TSCA:(Toxic Substances Control Act); TWA:(Time Weighted Average)