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**“RESPONSIVE,
 INNOVATIVE,
 SOLUTION FINDERS”**



Safety Data Sheet

PLASTER ROLL

1. Identification of Material and Supplier

Product Name: Plaster Roll, Plaster of Paris Bandage
 Product Code: PROLL
 Recommended Use: General purpose plaster bandage for hobbies and crafts. Mask making and sculptures.
 Company: Five Star Products Ltd
 Address: 3 Chinook Place, Hornby, Christchurch 8042
 Emergency Telephone: (03) 349 6514 ask for Technical Manager
 Telephone/Fax number: Tel: (03) 349 6514 Fax: (03) 349 8732
 New Zealand National Poison Centre: 0800 POISON (0800 764 766)

2. Hazards Identification

Hazard Classification: Non Hazardous
 Potential Health Effects:

- Eyes: Dust may be released when cutting and removing the set bandage, which may enter the eye and may cause mechanical irritation.
- Skin: No Special hazard risk under normal use. 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
- Ingestion: Ingestion of Plaster of Paris bandage before being wet may result in hardening after absorbing moisture from the gastrointestinal tract. Plaster hardens when wet and may result in an obstruction. Large oral doses may result in gastrointestinal disturbances and irritation.
- Inhalation: Dust may be released when cutting and removing the set bandage, which may irritate the mucous membranes in the respiratory tract. Possible nuisance dust effect may cause sneezing or coughing.

3. Composition/Information of Ingredients

Ingredients:	Chemical Name:	Proportion Wt%:	CAS Number:
	Calcium Sulphate Hemihydrate	80%	7778-18-9
	Gauze	10%	
	Glue	9%	
	Methanol	1%	67-56-1

Allergies: To the best of our knowledge there has been no intentional addition of dairy, egg, nuts, grains, cereals, soy or gluten products to this product by either Five Star Products Ltd or our raw material suppliers. Five Star Products Ltd does, from time to time carry on site some of the above listed products for use in other products. Whilst none of our raw material suppliers MSDS state that they do contain any of the above products, we are not in a position to 100% guarantee that this product is free of the above mentioned products, due to the limited knowledge of our suppliers processes. Five Star Products Ltd normal practices is not to provide a list of ingredients, due to commercial sensitivity but we welcome direct case by case communication with the end user to assist with this issue on a personal basis.

4. First Aid Measures

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if cough or other symptoms appear.

Ingestion: Plaster hardens when wetted and ingestion may result in an obstruction. Seek immediate medical attention.

Skin: Wash with soap and water. Seek medical attention if irritation develops and persists.

Eye: Flush eye thoroughly by separating the eyelids with fingers with copious amounts of water for at least 15 minutes. Seek medical attention if irritation persists.

Advise to doctor: Treat symptomatically.

Safety Data Sheet

PLASTER ROLL

5. Fire Fighting Measures

Extinguishing media:	Use water spray, dry chemical, carbon dioxide or chemical foam.
Specific Hazards:	Not Flammable
Hazards from combustion:	Stable under normal temperature and pressure. At temperatures around 800°C, carbon dioxide may be emitted, due to decomposition of limestone. Product contains low level of organic volatiles, which may be emitted or released in a fire. Thermal decomposition will produce H ₂ O, CO ₂ , CO, and acetic acid. Could produce minor amounts of vinyl acetate monomers when temperature is above 175°C.
Special protective equipment:	Appropriate fire fighting equipment is required.
Flammable limits:	Not combustible under normal conditions of storage and use.
Hazchem code:	Flash point: Not Flammable NA

6. Accidental Release Measure

Emergency Procedures:	Use normal clean up procedure. Spilled material can produce slippery conditions, be cautious to avoid falling. Wear appropriate protective equipment. Shovel material from spillage into a waste container for disposal
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7. Handling and Storage

Precautions for safe handling:	Minimise exposures in accordance with good hygiene practice. During handling wear the appropriate respiratory, eye and skin protection if warranted per environmental conditions.
Conditions for safe storage:	Keep from freezing. Store at temperature below 30°C. Keep away from heat and high humidity. Protect product from moisture. Exposure to water, including ambient humidity, will result on hardening.

8. Exposure Controls/Personal Protection

Engineering Controls:	Work in well ventilated areas. Ensure adequate wetting of the bandage, in water at 20 - 25°C, in accordance with instructions for applying the bandage. Use of dust masks and exhaust ventilation is advised. Where set bandages are removed by cutting, ensure good ventilation. Take action to control dust levels being generated. to keep dust levels below permissible exposure limits.
Eye & Respiratory Protection:	Wear appropriate eye protection and dust masks.
Skin Protection:	Use of gloves is not necessary for most occasions, but may be required for specific work situations. Clean protective clothing is advised. Wash exposed areas well after work and apply lotion to prevent skin from drying. Direct, prolonged or repeated contact with skin can result in abrasions. Rinse with water until free of material to avoid abrasions, then wash skin thoroughly with mild soap and water. May dry skin. If irritation persists, consult a doctor.

9. Physical and Chemical Properties

Appearance:	White Bandage
Odour:	Odourless
pH:	NA
Vapour Pressure:	NA
Vapour Density:	NA
Boiling Point:	NA
Melting/Freezing Point:	NA
Flash Point:	NA
Solubility in Water (g/l):	Insoluble
Flammability	NA

Safety Data Sheet

PLASTER ROLL

10. Stability and Reactivity

Chemical Stability: Stable at normal temperatures and pressure
Conditions to Avoid: Incompatible materials. Exposure to excessive heat or moisture contamination, high humidity.

Hazardous Decomposition Products: Carbon monoxides, carbon dioxides, oxides of sulfur and potassium.

Hazardous Polymerization: Will not occur

Incompatibilities with Other Materials: Strong oxidizing agents and ionic aluminum and magnesium

11. Toxicological Data

Acute Toxicology (Short term): Direct contact may cause eye, skin and/or respiratory irritation.
Inhalation - No significant signs or symptoms indicative of any health hazard are expected to occur as a result of inhalation exposure.

Ingestion - Not established

Skin - Dryness of skin

Eye - Not known. May irritate the eyes.

Chronic Effects - Prolonged exposure and inhalation to air borne free respirable crystalline silica can result in lung disease (i.e. silicosis) and/or lung cancer

12. Ecological Information

Ecotoxicity: No known adverse ecological effects.

Persistence and degradability: Will form sludge when made wet. Will dry hard on exposure to sun/heat.

Mobility: Lumpy and sludge like when damp. Solid when dry.

13. Disposal Considerations

Waste Disposal: Dispose to standard landfill. Do not flush down drains.
Product will set and block drains.

14. Transport Information

DG Class: Not regulated

Subsidiary Risk 1: NA

Packing Group: NA

Hazchem Code: NA

Marine Pollutant: NA

Special Precautions for user: Prevent bags from exposure to damp conditions

15. Regulatory Information

Not regulated

16. Other Information

Keep out of reach of children

Revision Date: SDS Reviewed February 2019

Legend to abbreviations and Acronyms: NA = Not Applicable

C = Celcuis

Literature References: No data available

Sources for Data: No data available

Disclaimer

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"Nothing in the Consumer Guarantees Act 1993 relating to any express guarantees made by the manufacturer in relation to the information contained herein shall apply where the purchaser of the goods will use those goods for business purpose or any other purpose which is not a domestic purpose".