

PRODUCT DATA SHEET

Product Name	Plaster of Paris Bandages 3m × 8cm Pack 16								
Supplier Code	78800								
Intended Use	For use in the construction of 3D models, by application to an inflexible frame.								
Description	<p>Cotton gauze bleached and impregnated with Plaster of Paris (95% Calcium Sulphate Hemihydrate). Chemical family: $\text{CaSO}_4 + \frac{1}{2}\text{H}_2\text{O}$ Weight approx. 450g/m² The precise formulation is not disclosed, but it does not contain any ingredients that are classified hazardous. Pack of 16 rolls, each 3m × 8cm, individually wrapped in heat-sealed air tight packaging</p>								
Storage	Store in a dry environment away from direct sunlight. Do not open any air-tight packaging until ready to use. Keep away from sources of moisture.								
Physical Data	<table><tr><td>Soaking time</td><td>up to 15 seconds</td></tr><tr><td>Draining time</td><td>up to 60 seconds / water may be gently squeezed from bandage</td></tr><tr><td>Setting time</td><td>2-5 minutes (soaking in warmer water results in shorter setting times)</td></tr><tr><td>Drying time</td><td>24 – 30 hours to reach full flexural strength of not less than 3.5MPa. Drying time will be extended in cold or damp conditions.</td></tr></table>	Soaking time	up to 15 seconds	Draining time	up to 60 seconds / water may be gently squeezed from bandage	Setting time	2-5 minutes (soaking in warmer water results in shorter setting times)	Drying time	24 – 30 hours to reach full flexural strength of not less than 3.5MPa. Drying time will be extended in cold or damp conditions.
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Safety	<p>The setting process releases heat – it is an exothermic chemical reaction. There is no risk of burning from a thin layer of plaster, but thick layers of plaster should not be applied to any part of the body. In case of contact with:</p> <table><tr><td>Eyes</td><td>flush eyes with water for several minutes. If irritation persists, seek medical attention.</td></tr><tr><td>Skin</td><td>Contact with Plaster of Paris is not harmful to skin, though prolonged contact should be avoided. Gloves should be worn when working with Plaster of Paris for extended periods. Wet plaster may be removed from skin by washing with water. Do not attempt to cast any part of the body without first applying <i>vaseline</i> or a suitable barrier cream to the skin. Do not cover any part of the body with more than a few layers of bandage to avoid the risk of dangerous heat build-up during the setting process.</td></tr></table> <p>In case of:</p> <table><tr><td>Inhalation</td><td>Excessive inhalation of airborne Plaster of Paris powder may cause irritation. Leave the dusty area and breathe fresh air until symptoms subside.</td></tr><tr><td>Ingestion</td><td>Seek medical attention. Product is non-toxic and conforms to the relevant EN71 standards.</td></tr></table>	Eyes	flush eyes with water for several minutes. If irritation persists, seek medical attention.	Skin	Contact with Plaster of Paris is not harmful to skin, though prolonged contact should be avoided. Gloves should be worn when working with Plaster of Paris for extended periods. Wet plaster may be removed from skin by washing with water. Do not attempt to cast any part of the body without first applying <i>vaseline</i> or a suitable barrier cream to the skin. Do not cover any part of the body with more than a few layers of bandage to avoid the risk of dangerous heat build-up during the setting process.	Inhalation	Excessive inhalation of airborne Plaster of Paris powder may cause irritation. Leave the dusty area and breathe fresh air until symptoms subside.	Ingestion	Seek medical attention. Product is non-toxic and conforms to the relevant EN71 standards.
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Disposal	No special precautions required. Do not wash spilled plaster into drains to avoid potential setting and blockage of drains.								
Fire Hazard	No special precautions necessary.								
Barcode	5060098477219								