

SAFETY DATA SHEET according to CE n°1907/2006 (REACH)1. PRODUCT AND COMPANY IDENTIFICATION

Typing of product	<i>solid, powder</i>
Nom commercial / <i>Commercial name</i>	PRESTIA CASTING
Usage du produit / <i>Use of the product</i>	Moulding plaster
<i>Created on</i>	08/03/2013
<i>Revised on</i>	21/09/2020
<i>Printed the</i>	
<i>Manufacturer</i>	ETEX 1, Rue du Port - 95630 Mériel - France Tel : (33). 01.30.36.32.05 - Fax : (33). 01.30.36.46.19
<i>Telephone number in case of emergency</i>	ORFILA Tel : 01 45 42 59 59

2. HAZARDS IDENTIFICATION

No labelling in accordance to EC standard n°1272/2008 (CLP)

*May cause eyes, skin throats, lungs irritation for sensitive persons.*

*WARNING – DO NOT attempt to make an enclosed cast of any body parts such as hands or fingers. This product gives off heat when mixed with water for setting, which may result in serious skin burns if used for casting body parts. If this product is repackaged by distributors, this warning must be repeated on any new packaging.*

3. COMPOSITION / INFORMATION ON INGREDIENTS

<i>Generic name</i>	Plaster of Paris
<i>Chemical name</i>	Natural origin Calcium Sulfate Hemihydrate with 1% quartz residues
<i>Chemical composition</i>	$\text{CaSO}_4 \cdot \frac{1}{2} \text{H}_2\text{O}$
CAS N°	7778-18-9
<i>Ingredients contributing to the hazards</i>	None

<b>4. FIRST-AIDS MEASURES</b>	
<i>Skin contact</i>	<i>Wash the affected area carefully with soap and clean water</i>
<i>Eye contact</i>	<i>Wash the eye immediately with plenty of clean water - seek medical advice if irritation persists</i>
<b>5. FIRE-FIGHTING MEASURES</b>	
<i>Class of inflammability</i>	<i>Non-flammable product which doesn't favour other products combustion.</i>
<i>Specific risks</i>	<i>PRESTIA Casting decomposes into sulphur trioxide + CaO (quicklime) at temperature above 1200°C.. Carbon oxide emission</i>
<i>Protections against fire</i>	<i>Do not enter in the fire area without protection equipment, including respiratory protection</i>
<i>Extinguishing media</i>	<i>Not applicable</i>
<i>Special procedure</i>	<i>Not applicable</i>
<b>6. ACCIDENTAL RELEASE MEASURES</b>	
<i>Methods of cleaning up</i>	<i>By brush and shovel as appropriate</i>
<i>Personal precautions</i>	<i>Dust mask and glasses.</i>
<i>Environmental precautions</i>	<i>Follow paragraph 13 instructions</i>
<b>7. HANDLING AND STORAGE</b>	
<u>Handling</u>	<i>Mechanical action when using this product can release dust which may contain quartz particles. Always apply the appropriate general and personal protective measures when acting mechanically on the products:</i>
- Prevention	<ol style="list-style-type: none"> <li>1. Avoid the generation of airborne dust by using tools with dust extraction.</li> <li>2. Guarantee adequate ventilation at the workplace.</li> <li>3. Avoid contact with eyes and skin and avoid inhalation of dust by wearing appropriate personal protection equipment (safety goggles, gloves, protective clothing and dust mask of at least type FFP2).</li> </ol>
- Precautions	
- Safe handling advice	<i>Not applicable</i>
<u>Storage</u>	
- Technical measures	<i>FiFo</i>
- Storage conditions	<i>Store clear of the ground and protected from all moisture condensation and heat</i>
- Packaging materials	<i>Polyethylene lined paper bags</i>
<b>8. EXPOSURE CONTROLS / PERSONAL PROTECTION</b>	

<i>Personal protective equipment</i>	Not applicable
<i>Exposure limits</i>	<i>Gypsum and plaster dust (Occupational Exposure Standards):</i> <i>Total inhalable dust = 10 mg/m<sup>3</sup>/8h</i> <i>Respirable dust = 4 mg/m<sup>3</sup>/8h</i>
<b><u>9. PHYSICAL AND CHEMICAL PROPERTIES</u></b>	
<i>Physical state at 20°C</i>	<i>Powder</i>
<i>Colour</i>	<i>white</i>
<i>Odour</i>	<i>None</i>
<i>pH (5% in pure water)</i>	<i>7 - 7,5</i>
<i>Temperature ranges at which changes in physical state occur</i>	<i>≥ 1200°C or 2192°F (decomposition)</i>
<i>Density</i>	<i>2,75</i>
<i>Water solubility</i>	<i>7,2 g/l</i>
<i>Flashpoint</i>	<i>Not relevant</i>
<i>Explosion properties</i>	<i>Not applicable</i>
<i>Autoignition temperature</i>	<i>Not applicable</i>
<b><u>10. STABILITY AND REACTIVITY</u></b>	
<i>Stable product which does not cause any dangerous reactions with other substances.</i>	
<i>Hazardous decomposition products</i>	<i>None in normal conditions, &gt;1200°C see paragraph 5</i>
<i>Dangerous reactions</i>	<i>None</i>
<i>Dangerous properties</i>	<i>None</i>
<i>Conditions to avoid</i>	<i>Hardens in contact with water</i>
<i>Use measures</i>	<i>Ensure adequate ventilation.</i>

**11. TOXICOLOGICAL INFORMATION**

Acute toxicity :	Not toxic
<i>ingestion</i>	Not toxic
<i>inhalation</i>	
<i>skin, eye irritation</i>	May cause eyes, skin, throat, lungs irritation for sensitive persons.
Long term toxicity	Not applicable

**12. ECOLOGICAL INFORMATION**

Calcium sulfate is slightly soluble in water ( solubility at around 10 g of  $CaSO_4$  / litre).

In presence of organic material and in certain anaerobic conditions, sulfate can conduct to the formation of hydrogen sulphide.

Sulfate ion is one of the less toxic anion (guidelines for drinkable water, WHO 1993).

**13. DISPOSAL CONSIDERATIONS*****Elimination method***

Recycable product.

Dispose of the product in discharge fitted with alveole for single material suitable for plaster

Do not throw away the product in the sewerage system purely for mechanical reasons. Packaging disposal according to the local disposal regulations.

**14. TRANSPORT INFORMATION**

Not registered as a dangerous material for transport.

**15. REGULATORY INFORMATION**

EEC Regulatory information : preparation not considered as dangerous according to 67/548/CEE and 1999/45/CEE regulations and requiring no labelling in accordance with regulation (CE) n° 1272/2008 (CLP)

**16. OTHER INFORMATION**

The content and the format of this safety data sheet are conformed to the rules (CE) N°1907/2006 (REACH) of European Parliament and Council.

*This sheet is complementary of the product technical data sheet available in the Siniat Commercial department at Mériel. Attention is drawn to the possible risks when using the product for other use than it has been designed.*

*This safety data sheet doesn't exempt the user from knowing and abiding the legislation ruling his activity.*