

#83175



**MATERIAL SAFETY DATA SHEET**  
"Essentially similar" to form OSHA-20

**MANUFACTURER**

Carapace Incorporated  
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Broken Arrow, OK 74013  
918-258-9555

**HMIS CODE**

Health 2  
Fire 0  
Reactivity 0

**SECTION I - Product**

Name: Carapace Plaster of Paris Casting Tape

Product Code: 7023, 7033, 7035, 7043, 7045, 7055, 7063, 7065, 7083,  
7085, 7315, 7415, 7438, 7530, 7545, 2023, 2033, 2045,  
2055, 2065, 2085, 3023, 3033, 3043, 3045, 3065,  
3085, 3315, 3415, 3530,

8023, 8033, 8035, 8043, 8045, 8055, 8063, 8065, 8083,  
8085, 8315, 8415, 8438, 8530, 8545, 90030, 90040, 90050,  
90060, 24250020, 24250030, 24250040, 24250050, 24250060,  
13023, 13033, 13045, 13055, 13043, 13065, 13063, 13083,  
13085, 13545, 13530, 13415, 13315, 12023, 12033, 12035,  
12315, 12043, 12045, 12415, 12055, 12530, 12063, 12065,  
12085, 12545, 9044, 9054, 9064  
6000XF-BULK ROLLS

Chemical Name: None  
Formula: N/A

Chemical Family: Calcium Sulfate/Cotton  
CAS Number: None

**SECTION II - Hazardous Ingredients**

Material Description: Potassium Sulfate (K<sub>2</sub>SO<sub>4</sub>)

**SECTION III - Physical Data**

Boiling Point: N/A  
Vapor Pressure: N/A

Specific Gravity: N/E  
Evaporation Rate: N/A  
(relative to n-butyl acetate)  
Water Solubility: N/E

Vapor Density: N/A  
& Volatile by Volume: N/A

Reactivity in Air/Water: Reacts with water to harden.

Appearance and Odor: A woven cotton gauze fabric substrate coated with plaster of Paris formula. Rolled with or without a core (bandages) or layered and folded (splints). No discernible odor.

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**SECTION IV - Fire and Explosion Hazard Data**

Flash Point: N/A  
Explosive Limits: Lower N/A Upper N/A  
Extinguishing Media: Any media suitable for extinguishing the supporting fire.

**Special Fire Fighting Procedures:**

- \* Fire fighters should wear a self-contained breathing apparatus.

**Unusual Fire and Explosion Hazards:**

- \* Decomposition by-products may include oxides of sulfur and potassium, carbon monoxide and carbon dioxide.

**SECTION V - Health Hazard Data**

	Carapace Plaster of Paris	Potassium Sulfate
Permissible Exposure Level:	N/E	N/E
Threshold Limit Value:	N/E mg/m <sup>3</sup>	N/E mg/m <sup>3</sup>
Oral LD50 (rat):	>15 g/Kg	N/E mg/Kg
Dermal LD50 (rabbit):	N/E g/Kg	N/E mg/Kg
Inhalation LC50 (rat):	N/E mg/m <sup>3</sup>	N/E mg/m <sup>3</sup>
Eye/Skin Effects (rabbit):	Not Irritating	N/E

**Effects of Overexposure:**

**Skin:** May develop sufficient heat to cause burns if a large mass is kept in contact with the skin while hardening. May dry skin.

**Eyes:** Particles may cause irritation.

**Inhalation:** Possible nuisance dust effect, sneezing or coughing.

**Ingestion:** Plaster hardens when wetted, and may result in an obstruction. Large oral doses may result in gastrointestinal disturbances and irritation.

**Emergency and First Aid Procedures:**

**Skin:** Wash skin with water.

**Eyes:** Flush eyes with water to remove particles.

**Inhalation:** Remove to fresh air. Get medical advice for any breathing difficulty.

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Ingestion: Plaster hardens when wetted, and if ingested may result in obstruction. See a physician.

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**SECTION VI - Reactivity Data**

Stability: Stable

Conditions to Avoid: Exposure to excessive heat or moisture contamination.

Incompatibility (Materials to Avoid): Strong oxidizing agents and ionic aluminum and magnesium.

Hazardous Decomposition Products:

- \* oxides of sulfur and potassium
- \* carbon monoxide and carbon dioxide

Hazardous Polymerization: Will not occur  
Polymerization Conditions to Avoid: None

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**SECTION VII - Special Precautions and Spill/Leak Procedures**

Handling and Storage Precautions:

- \* Do not puncture or open the pouch unless the product is to be used immediately.
- \* Store at 75°F or lower for maximum shelf life. Protect from moisture.
- \* Exposure to water (including ambient humidity) will cause the product to harden.
- \* Waste disposal - landfill

The information and recommendations contained herein are based on data believed to be correct. However, since the use of this information and these recommendations and the conditions of use of the product are not within the control of Carapace, Inc., it is the users obligation to determine the conditions of safe use of the product.

Prepared by: *Lizbeth Foster*

Date: 5-11-95