

SNOW CASTING POWDER

Specially crafted for artists, DIY enthusiasts, and crafters. This ultra-fine, pure-grade material is your go-to solution for sculpting, molding, and decorative projects, offering a smooth, professional finish every time.

Quick Setting

Ready to demould in 35-45 minutes. Smooth and seamless pouring into molds.

Non-Toxic & Safe

Eco-friendly, making it perfect for home studios, classrooms, and family crafting sessions.

Minimal Shrinkage

Hold intricate shapes and fine details without cracking, ideal for delicate sculptures, figurines, and decorative pieces.



DATA SHEET

www.concreteartz.com

Product Name: Gypsum Powder (Calcium Sulfate Dihydrate)

Intended Use: Art, Crafting, Sculpting, Mold Making

Recommended Use: Non-industrial crafting, mold making, sculpting.

Hazards Identification

Inhalation: Dust may cause mild respiratory irritation.

Skin Contact: Prolonged exposure may cause dryness.

Eye Contact: Dust particles can cause mechanical irritation.

Ingestion: Low toxicity if swallowed, but not intended for consumption.

First-Aid Measures

Inhalation: If breathing difficulty occurs, seek medical attention.

Skin Contact: Wash with soap and water.

Eye Contact: Flush with water for 15 minutes. Consult a doctor if irritation persists.

Ingestion: Rinse mouth with water. Drink water to dilute.

Fire-Fighting Measures

Flammability: Non-flammable.

Fire Hazards: No significant fire risk.

Handling and Storage

Handling: Use in well-ventilated areas.

Storage:

Keep in a cool, dry place, sealed in original packaging.

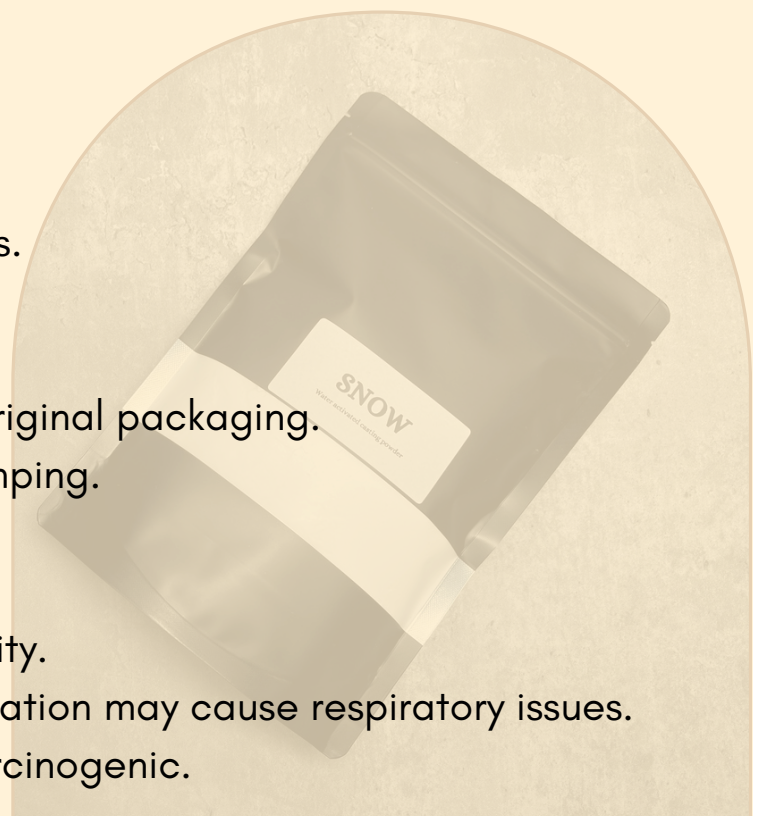
Protect from moisture to prevent clumping.

Toxicological Information

Acute Toxicity: Low oral/dermal toxicity.

Chronic Effects: Prolonged dust inhalation may cause respiratory issues.

Carcinogenicity: Not classified as carcinogenic.



Snow Casting Powder is a fast-setting gypsum-based material ideal for, sculptures and decorative items

Basic Instructions:

Standard ratio: 100gm : 35gm (Powder : Water)

Add powder to water to prevent clumping

Mix until smooth and lump-free, ready for pour

Setting time:

Initial set: 5 - 7 minutes (mix starts to harden)

Full cure: 24 hours for complete drying.

Check readiness: Feel warm to touch

Mould Material:

Silicone Rubber, Latex Rubber, Polyurethane Rubber

3D printed mould, wood, metal plastic (Require mould release agent)

Finishing Touches

Sanding: Use fine-grit sandpaper to smooth rough edges.

Colour: Iron Oxide Pigment, Acrylics, watercolors, etc

Sealing: Apply a clear varnish or sealant to protect from moisture.

**Never pour wet mix down drainage as it hardens and clogs pipes.
Dispose of excess in trash.**

FAQ

Q: Can I use it for food storage?

A: No, product is not food-safe.

Q: How do I make object waterproof?

A: Seal with acrylic sealer, epoxy resin, or other waterproofing agent.

Q: Why does object get hot while setting?

A: The chemical reaction (rehydration of calcium sulfate hemihydrate) releases heat.