

MEPNN Supplier Scouting Opportunity Synopsis

Section 1: General Information

Scouting Number	2025-251
Item to be Scouted	Sensory Squish Balls
Days to be scouted	30
Response Due By	09/05/2025
Description	A sensory squish ball is a stress ball designed to provide tactile and visual stimulation for stress relief and sensory exploration. They are typically filled with small squishy balls or other materials that create a satisfying texture when

Section 2: Technical Information

Type of supplier being sought	Manufacturer
Reason	2nd Supplier
Describe the manufacturing processes (elaborate to provide as much detail as possible)	<p>The primary material for sensory squish balls is often polyurethane (PU) foam. The general manufacturing steps for sensory squish balls are as follows:</p> <p>Raw material preparation: A-material (polymer polyols) and B-material (liquefied modified MDI), along with a catalyst and other additives (depending on desired properties), are prepared and stored in separate tanks.</p> <p>Mixing and foaming: The A-material and B-material are precisely measured and pumped into a mixing chamber where they are rapidly combined and agitated. This mixture then reacts chemically, forming bubbles (often from carbon dioxide byproduct) and expanding into a foam.</p> <p>Molding: The expanding foam mixture is injected into pre-heated molds, which are then closed to shape the squish balls.</p> <p>Curing: The molded foam undergoes a curing process, often in an oven at a specific temperature, allowing the foam to fully react and solidify.</p> <p>Trimming: After curing, the squish balls are removed from the molds, and any excess material or flashing along the mold lines is carefully trimmed off, often by hand, to ensure a smooth finish.</p> <p>Finishing and customization: Depending on the desired aesthetic, squish balls may undergo additional finishing steps such as:</p> <p>Spray painting: Applying color to the surface using spray guns and stencils.</p> <p>Pad printing: Adding logos or designs with one color.</p> <p>Transfer printing: Applying multi-color logos or decals.</p> <p>Inspection and quality control: The finished squish balls are thoroughly inspected for defects in shape, color, firmness, durability, and any printing accuracy. They are tested to ensure they meet safety and quality standards.</p> <p>Packaging and shipping: The completed squish balls are packaged and prepared for shipping.</p>
Provide dimensions / size / tolerances / performance specifications for the item	The object should be round, 4 inches in diameter
List required materials needed to make the product, including materials of product components	Gel-filled balls, Standard PU foam: These are the most common type and can be customized with various colors, shapes (animals, objects, emojis, etc.), and sizes. Fabric-covered: Balls wrapped in soft, stretchy fabric like lycra or cotton provide a different tactile experience and can be filled with various materials like sand, flour, or even dried rice Organza.
Are there applicable certification requirements?	No
Are there applicable regulations?	No
Are there any other standards, requirements, etc.?	No
Additional Technical Comments	

Section 4: Business Information

Estimated potential business volume	50 per month
Estimated target price / unit cost information (if unavailable explain)	Price: \$0.60 - \$1.25
When is it needed by?	Immediate
Describe packaging requirements	Best available. Delivered undamaged. Specifics discussed in negotiation
Where will this item be shipped?	Falmouth, ME

Additional Comments

Is there other information you would like to include?	
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