

Microballoons

Hollow Phenolic Resin Spheres

A lightweight filler, reddish brown in color, that produces an easily sanded putty or fairing compound. When added to resin, microballoon filler displaces the resin with air creating a thick low-density compound. Use them to extend resin, to reduce weight, shrinkage and sanding effort. Also popular for their brownish color for matching wood. A ratio of one to one by volume will produce a thickened liquid that flows and can be used for potting. A ratio of three portions of microballoons to one resin produces product of peanut butter consistency. The addition of a small percentage of fumed silica will reduce resin drainage and assist spreading properties. Various resin systems react differently so experiment before proceeding to large projects. Microballons are primarily used with epoxy resins do to susceptibility to styrene attack with polyester resins, which can cause spheres to collapse. Proper sequence for mixing filled compounds is to first measure hardener into resin and mix thoroughly. Next, add fiber reinforcements and mix to assure complete fiber wet out. Fillers such as microballoons follow with fumed silica added last. Mix well. Fumed Silica can contribute to difficulties in sanding. Where sanding will follow, use only as much fumed silica as is required to impart thixotrophy. **Thick layers or large pours can create considerable exothermic heat, proceed with caution.**

Net Content: lbs.

Packaged By: **Fiberglass Supply, Inc.**

314 West Depot
Bingen, WA 98605-0345
(509) 493-3464

D. O. T. Shipping Name: Not Applicable

Ingredient: Cured Phenolic Resin

CAUTION: Dry powdered materials can build static electrical charges when subject to friction. Proper precautions in the presents of flammable or explosive liquids should be taken to prevent accidents.

WARNING: CAUSES EYE IRRITATION-HARMFUL IF INHALED-MAY CAUSE SKIN IRRITATION-HARMFUL IF SWALLOWED

Avoid contact with eyes and prolonged or repeated contact with skin. Wear goggles and face shield when handling. Avoid breathing dust, wear proper respirator. Use only with adequate ventilation. Keep away from heat, spark, and flame. Store, handle and use in a manner that will minimize dust generation.

FIRST AID: in case of contact with skin wash with warm water and soap. For eyes immediately flush with plenty of water for 15 minutes. If irritation persists, get medical attention. If inhaled, remove to fresh air. If breathing difficulty persists, consult physician. Wash clothes before re-use.

ATTENTION: CONTAINER MAY BE HAZARDOUS WHEN EMPTIED. Since emptied containers retain product residues, all labeled hazard precautions must be observed.

CONSULT: MSDS (Material Safety and Data Sheet) for more complete handling information prior to use.

KEEP OUT OF REACH OF CHILDREN